HMAS Stirling Ongoing Monitoring Report

December 2023 – September 2025

Department of Defence

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→ **The Power of Commitment**



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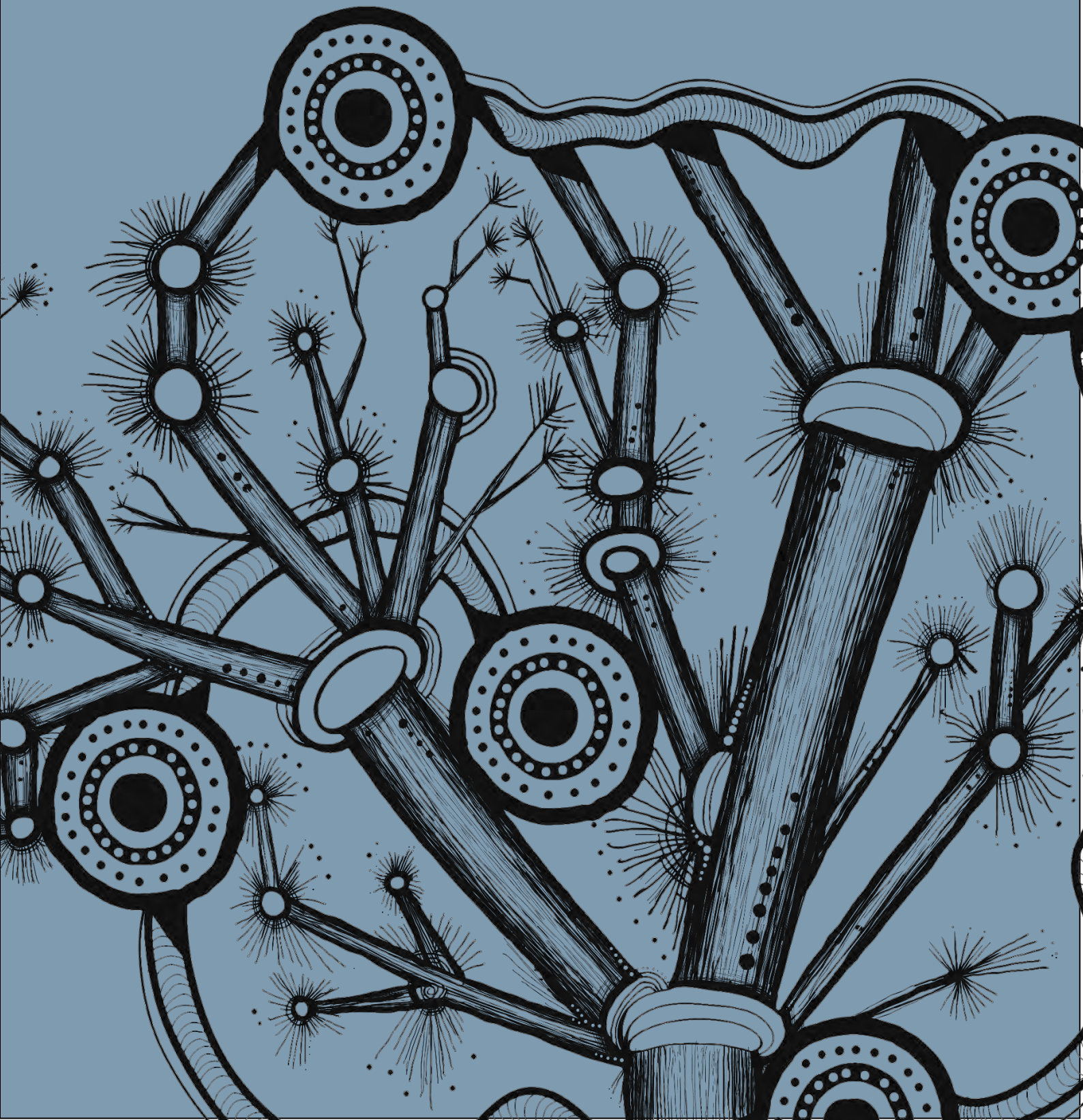
Acknowledgement of Country

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

Context

The Department of Defence (Defence) implements a national program to manage the impacts of per- and polyfluoroalkyl substances (PFAS) on, and in the vicinity of, some of its bases around Australia. GHD Pty Ltd (GHD) has been engaged as Lead Consultant to support Defence in managing legacy PFAS impacts for His Majesty's Australian Ship (HMAS) Stirling ('the base'). In this report, the 'Management Area' comprises the base and surrounding environments where PFAS impacts associated with base-related activities have been identified and are subject to investigation and monitoring (defined in Figure 1, Appendix A).

The base has been subject to several stages of contamination assessment, including a detailed site investigation (DSI) and ecological risk assessment (ERA). The outcomes of the DSI (RPS, 2018a) and ERA (RPS, 2018b) form the basis of the base 'risk profile', which is managed under the PFAS Management Area Plan (PMAP) (Defence, 2019). The PFAS Ongoing Monitoring Plan (OMP) (RPS, 2018c), which forms part of the PMAP, outlines the PFAS monitoring requirements for the base and Management Area.

The objectives of the OMP are to:

– Evaluate change in the nature and extent (spatial and temporal) of PFAS impact in groundwater, porewater and surface water pathways associated with site sources of PFAS derived from legacy use of aqueous film-forming foam (AFFF).
– Monitor the migration of PFAS in groundwater, porewater, sediment and surface water from the site.
– Provide confirmation of the current understanding of risk.
– Provide supporting data for assessment of management actions, where relevant.

This Ongoing Monitoring Report (OMR) evaluates the data collected under the OMP between December 2023 and September 2025. The data assessment process has focused on perfluorooctanesulfonic acid (PFOS), perfluorohexane sulfonate (PFHxS), perfluorooctanoic acid (PFOA) and perfluorobutane sulfonic acid (PFBS), as these are key PFAS compounds commonly assessed against regulatory guideline values.

This OMR also incorporates an evaluation of the dataset collected within the Management Area to date, with reference to the revised drinking water guidelines for PFAS, which were published by the National Health and Medical Research Council (NHMRC) in June 2025.

Summary of key outcomes

OMP sampling events undertaken between December 2023 and September 2025 incorporated seven events, that included the collection of groundwater, surface water, porewater and sediment samples within the Management Area.

Overall, the data collected during this monitoring period does not indicate a material change in the previously established risk profile for the base and surrounding Management Area. While statistically significant increasing and decreasing trends in PFAS concentrations were identified at nine monitoring locations, the magnitude of these changes remained within the range of historical variability for those locations.

Additional specific outcomes are summarised as follows:

– **Groundwater elevations and flow direction** – Groundwater elevations within the aquifer were consistent between monitoring events. The inferred groundwater flow was generally towards the coast, with inward flow and mounding in some areas, likely as a result of tidal influence.
– **Trend assessment** – The Mann-Kendall test was used alongside linear regression and box-and-whisker plots to evaluate PFAS concentrations trends at each monitoring location. While statistically significant increasing trends were identified for PFAS compounds in the wastewater treatment plant (WWTP) 'pathway' area, the Helicopter Support Facility (HSF) 'pathway' area and Fire Training 'pathway' area, most of the statistically significant trends identified indicate PFAS concentrations are decreasing. The increases noted are limited to specific locations or individual PFAS compounds and influenced by methodological factors (i.e.,

changes in the LOR or sporadic detections) and are not indicative of a widespread or consistent increase across the Management Area.

- **New maximum concentrations in groundwater** – New maximum PFAS concentrations were identified during the monitoring period in groundwater monitoring wells associated with the Fire Training Area (FTA), WWTP, Dredged Sediments, Aviation Carrier Turbine Fuel (AVCAT) Storage Area and Fuel Farm, Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage, HSF and Accommodation Area. However, the concentrations generally did not represent first-time detections or first-time guideline value exceedances for the locations and remained within the same order of magnitude as reported in previous investigations. The occurrence of new maximums or outliers are not considered, in isolation, to indicate a material change in risk, particularly where the result does not correspond with a first-time detection, first-time guideline exceedance, consisting increasing trend across multiple analytes, or a corresponding increase at downgradient pathway or receptor locations.
- **New maximum concentrations in porewater and surface water** – New maximum porewater and surface water PFAS concentrations were identified during the monitoring period at monitoring locations associated with the FTA, WWTP, HSF, Dredged Sediments and the Demolition Ground. However, the concentrations generally did not represent first-time detections or first-time guideline value exceedances for the locations, remained within the same order of magnitude as reported in previous investigations with no evidence of sustained increase in concentrations. When considered in the context of the historical dataset, the exceedances are localised and are not considered indicative of a material increase in the extent, magnitude or persistence of PFAS exposure within receptor environments, therefore are not considered indicative of a change in the risk profile of the base.
- **Conceptual Site Model (CSM) and risk profile** – Overall, the data collected during the monitoring period does not indicate a material change to the previously assessed low and acceptable risk profile of the base and Management Area. While new maximum PFAS concentrations were identified at several monitoring locations, these did not represent first-time detections or exceedances of guideline values and, where observed, remained consistent with the established spatial distribution of PFAS within known source and pathway areas and within the same order of magnitude as reported in previous investigations
- Supplementary studies undertaken prior to and during the monitoring period have, however, identified additional potential PFAS source areas, namely the Building 54 Group of Underground Storage Tanks and the Joint Logistics Unit (West) Area. Further monitoring within the marine environment downgradient of these areas is required to further support ongoing refinement of the conceptual site model.

This interpretation assumes that current land use and exposure remain unchanged, including the absence of groundwater abstraction for potable use within the monitoring area, and that PMAP controls continue to be implemented and effective

Summary of OMP objectives and outcomes

A summary of the OMP outcomes in relation to the OMP objectives is presented below.

OMP objective	Summary of outcomes
Identify and evaluate the spatial and temporal (including seasonal) nature and extent of PFAS impact in the environment that is associated with the legacy use of aqueous film-forming foam (AFFF) at the base.	The data collected and analysed during the monitoring period indicate that the spatial distribution of PFAS impact remains consistent with previously identified source areas and transport pathways. Temporal variability remains largely within the historical range, despite the identification statistically significant increasing and decreasing trends at some locations. Material changes in the overall nature and extent of PFAS impacts across the Management Area were not identified.
Identify and evaluate changes to the CSM, which describes PFAS sources, transport pathways and receptors.	Supplementary investigations identified additional potential PFAS source areas. These are however consistent with the broader identified land use history. Additional monitoring in the marine environment downgradient of these areas is recommended to further refine understanding.

OMP objective	Summary of outcomes
Identify and evaluate whether risks to human and ecological receptors require review.	Data collected during the monitoring period do not indicate a material change to the previously assessed low and acceptable risk profile. Concentration increases and new maximum concentrations were observed at some locations. PFAS concentrations largely remained within historical ranges however and therefore do not represent a change in the risk profile for human or ecological receptors. Consistent with the PFAS NEMP (HEPA, 2026), the need for additional biota monitoring and/or food-web assessment should be re-evaluated if future monitoring identifies persistent increasing trends, expanding ecological exceedances in receptor environments, evidence of increasing contaminant migration, or other material changes in base conditions.
Identify and evaluate the influence that risk management activities at the base, as outlined in the PMAP, have had on the nature and extent of PFAS in the environment.	GHD understands that no PFAS remediation or infrastructure works were undertaken at the base during the monitoring period.
Identify and evaluate whether there is a trigger for action and/or PMAP review.	No trigger for review of the current PMAP response actions, or implementation of additional response actions, has been identified based on the OMP monitoring. However, supplementary studies have identified the following: – Additional potential PFAS source areas (the Building 54 UST Group and Joint Logistics Unit (West) Area). The inclusion of additional marine monitoring locations in the OMP, downgradient of these areas, are recommended to further refine the understanding of PFAS distribution in the marine environment. This recommended action reflects refinement of the monitoring program rather than a change in the PFAS risk profile. – Interpretation of potential WWTP-related impacts remains subject to uncertainty because PFAS concentrations in treated wastewater are not currently monitored and practical access constraints limit groundwater monitoring west of the seepage ponds. Accordingly, assessment of WWTP-related impacts continues to rely on multiple lines of evidence, including seepage, sediment, porewater and surface water investigations Supplementary studies of the saline WWTP have separately recommended upgrades to the treatment capacity and processes to improve effluent quality prior to release to the environment. Although these recommendations were not driven by PFAS risks, the design review provides an opportunity to consider PFAS treatment measures, noting that PFAS is not currently treated by the WWTP. To support future assessment of potential PFAS contributions from treated wastewater, PFAS monitoring of treated wastewater is recommended for inclusion in the OMP.

This report is subject to, and must be read in conjunction with, the limitations set out in Section 1.4 and the assumptions and qualifications contained throughout the Report.

Abbreviations

General

Abbreviations	Details
ADWG	Australian Drinking Water Guidelines
AFFF	Aqueous film forming foam
AHD	Australian Height Datum
ANZG	Australian and New Zealand Guidelines
ASC	Assessment of Site Contamination
ASS	Acid Sulfate Soils
AVCAT	Aviation Carrier Turbine Fuel
BOM	Bureau of Meteorology
CBD	Central Business District
CF	Confidence factor
CMF	Defence PFAS Construction and Maintenance Framework
CSM	Conceptual site model
CSR	Contaminated Site Record
DCMM	Defence Contamination Management Manual
DO	Dissolved oxygen
DSI	Detailed Site Investigation
DWER	Department of Water and Environmental Regulation
EC	Electrical conductivity
EPA	Environmental Protection Authority
ERA	Ecological Risk Assessment
FTA	Fire Training Area
HEPA	Heads of Environmental Protection Authorities
HMAS	His Majesty's Australian Ship
HSE	Health, safety and environment
HSF	Helicopter Support Facility
IQR	Inter quartile range
LOR	Limit of reporting
MW	Monitoring well
NATA	National Association of Testing Authorities
NEMP	National Environmental Management Plan
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NHMRC	National Health and Medical Research Council
OMP	Ongoing Monitoring Plan
OMR	Ongoing Monitoring Report
PDWSA	Public Drinking Water Source Area

Abbreviations	Details
PFAS	Per- and poly-fluoroalkyl substances
PFASIM	PFAS Investigation and Management
PFBS	Perfluorobutane sulfonate
PFHxS	Perfluorohexane sulfonate
PFOA	Perflurooctanoic acid
PFOS	Perfluorooctane sulfonate
PMAP	PFAS Management Area Plan
PVC	Polyvinyl Chloride
PW	Porewater
QA / QC	Quality assurance / quality control
RCIP	Regional Contamination Investigation Program
SAQP	Sampling and Analysis Quality Plan
SD	Sediment
SER	Sampling Event Report
SPR	Source, pathway, receptor
SW	Surface water
TDS	Total dissolved solids
TOC	Top of casing
UCL	Upper Confidence Limit
UST	Underground Storage Tank
WA	Western Australia
WWTP	Wastewater Treatment Plant

Units

Units	Term
°C	Degrees Celsius
µg	Microgram
µS/cm	Micro siemens per centimetre
ha	Hectares
kg	Kilogram
L	Litres
m	Metres
mm	Millimetre
mg	Milligram
mg/kg	Milligram per kilogram
mg/L	Milligrams per litre
m AHD	Metres Australia Height Datum
m bgl	Metres below ground level
m bTOC	Metres below top of casing
mV	Millivolts

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1. Introduction

The Department of Defence (Defence) implements a national program to manage the impacts of Per- and Polyfluoroalkyl Substances (PFAS) on, and in the vicinity of, some of its bases. GHD Pty Ltd (GHD) has been engaged as the Lead Consultant to support Defence in the management of legacy PFAS impacts for His Majesty's Australian Ship (HMAS) Stirling ('the base'). The 'Management Area' referred to throughout this report comprises the base and surrounding environments where PFAS impacts from base-related activities have been identified and are subject to investigation and monitoring (defined in Figure 1, Appendix A).

The base has gone through various stages of contamination assessment, including a detailed site investigation (DSI) and ecological risk assessment (ERA). The outcomes of the DSI (RPS, 2018a) and ERA (RPS, 2018b) form the basis of the base 'risk profile', which is now managed under the PFAS Management Area Plan (PMAP) (Defence, 2019). The PFAS Ongoing Monitoring Plan (OMP) (RPS, 2018c) forms part of the PMAP and outlines the PFAS monitoring requirements for the base and Management Area.

The OMP (RPS, 2018c) outlines that monitoring be undertaken on a quarterly basis, including March, June, September and December sampling events, with each sampling event including sampling of groundwater, surface water, porewater and sediment within the base and Management Area.

This Ongoing Monitoring Report (OMR) documents the scheduled OMP sampling events that were completed by Stantec (Stantec, 2024a; 2024b; 2024c) and GHD (GHD, 2025c; 2025d; 2025e) between December 2023 and September 2025. These sampling events were undertaken with reference to the sampling analysis quality plans (SAQPs) (GHD, 2025b; Stantec, 2023) provided in Appendix B. The OMR has been prepared with reference to the Defence (2024) Ongoing Monitoring Program Reporting Guidance.

1.1 Objective and purpose

The objectives of the OMP are identify and evaluate:

– The spatial and temporal (including seasonal) nature and extent of PFAS impact in the environment associated with site sources of PFAS derived from legacy use of aqueous film-forming foam (AFFF);
– Changes to the Conceptual Site Model (CSM), which describes the current understanding of PFAS sources, transport pathways and receptors;
– Whether current risks to human and ecological receptors require review;
– The influence that risk management activities at the base, as outlined in the PMAP, have had on the nature and extent of PFAS in the environment; and
– Whether any identified changes trigger an action and/or review.

The purpose of this OMR is to address the objectives of the OMP by:

– Presenting the data and other information collected during the OMP sampling events undertaken between December 2023 and September 2025; and
– Providing an updated evaluation of the OMP dataset, inclusive of the historical data and data collected between December 2023 and September 2025.

1.2 Scope

The sampling events documented in this OMR were undertaken between December 2023 and September 2025, as presented in Table 1. The sampling locations are shown in Figure 3 to Figure 7 in Appendix A.

The monitoring events generally achieved the full scope of monitoring specified in the SAQPs, with all planned locations and media sampled unless prevented by access constraints, environment conditions, infrastructure limitation or other factor documented as deviations (refer Section 4.2).

Table 1 Summary of scope of works

Monitoring event	Media	Number of locations monitored[1]	Analytical schedule
Event 1 – December 2023 (Stantec, 2024a)	Groundwater	55	PFAS Full Suite (30 analytes)[2]
	Porewater	39	
	Surface water	28	
	Sediment	39	
Event 2 – March 2024 (Stantec, 2024b)	Groundwater	59	PFAS Full Suite (30 analytes)
	Porewater	39	
	Surface water	28	
	Sediment	39	
Event 3 – June 2024 (Stantec, 2024c)	Groundwater	59	PFAS Full Suite (30 analytes)
	Porewater	39	
	Surface water	28	
	Sediment	39	
Event 4 – December 2024 (GHD, 2025c)	Groundwater	61	PFAS Full Suite (30 analytes)
	Porewater	34	
	Surface water	28	
	Sediment	39	
Event 5 – March 2025 (GHD, 2025d)	Groundwater	60	PFAS Full Suite (30 analytes)
	Porewater	39	
	Surface water	28	
	Sediment	39	
Event 6 – June 2025 (GHD, 2025e)	Groundwater	60	PFAS Full Suite (30 analytes)
	Porewater	37	
	Surface water	28	
	Sediment	38	
Event 7 – September 2025 (GHD, 2026)	Groundwater	60	PFAS Full Suite (30 analytes)
	Porewater	39	
	Surface water	28	
	Sediment	39	

Table Notes:
[1]Details regarding variation of sample numbers between monitoring events are provided in Section 4.2
[2]PFAS Full Suite is presented in Appendix K.

The data collected is summarised in the following OMP Sampling Event Reports (SERs) provided in Appendix J.

– Stantec (2024a) PFAS OMP Quarterly Sampling Event Factual Report, December 2023 HMAS Stirling.
– Stantec (2024b) PFAS OMP Quarterly Sampling Event Factual Report, March 2024 HMAS Stirling.
– Stantec (2024c) PFAS OMP Quarterly Sampling Event Factual Report, June 2024 HMAS Stirling.
– GHD (2025c) December 2024 Sampling Event, PFAS OMP – HMAS Stirling.
– GHD (2025d) Quarterly Sampling Event – March 2025, PFAS OMP – HMAS Stirling.
– GHD (2025e) Quarterly Sampling Event – June 2025, PFAS OMP – HMAS Stirling.

– GHD (2026) Quarterly Sampling Event – September 2025, PFAS OMP – HMAS Stirling.

It is noted that for contractual reasons, a sampling event was not undertaken in September 2024.

1.3 Framework

To ensure consistent and transparent interpretation of monitoring data, a structured hierarchy of assessment criteria has been adopted. This hierarchy defines the primary criteria used for screening and risk evaluation for each environmental medium and receptor, supported by secondary criteria where required to provide additional context or lines of evidence.

Primary screening criteria have been selected based on relevance to the environmental medium, exposure pathway, and receptor of interest. These include:

– Australian and New Zealand Governments (ANZG, 2026) *Australian and New Zealand Guidelines for Fresh and Marine Water Quality* for the assessment of freshwater and marine water quality, including ecological protection.
– NHMRC (2011, updated 2025) *National Water Quality Management Strategy, Australian Drinking Water Guidelines 6 2011, 4.0 Updated June 2025* for assessment of potential potable water exposures.
– National Health and Medical Research Council (NHMRC, 2019) *Guidance on Per and Polyfluoroalkyl Substances (PFAS) in Recreational Water* for assessment of human health risks associated with contact-based exposure.
– Heads of EPAs Australia and New Zealand (HEPA, 2026) *PFAS National Environmental Management Plan Version 3.1* for nationally endorsed PFAS-specific screening values and management considerations.

Where applicable, the *National Environmental Protection (Assessment of Site Contamination) Measure* (as amended 2013) (the 'ASC NEPM') (NEPC, 2013) has been used to inform soil and groundwater assessment in a human health and ecological risk context, and to support consistency with national contaminated land assessment frameworks. Additional guidance (Defence, 2021; DWER, 2021) has been referenced to inform site-specific interpretation, investigation design, and management approach, but does not typically provide primary screening criteria.

In instances where multiple criteria are available for a given medium or exposure scenario, the most conservative (i.e., lowest) relevant value has generally been adopted as the primary screening criterion, unless a site-specific rationale is provided. Where criteria differ in intent (i.e., ecological vs human health protection), they have been applied separately to assess risk to the relevant receptor.

Exceedances of primary criteria have been interpreted in the context of:

– Spatial and temporal trends,
– Consistency with known source areas and transport pathways, and
– Comparison with historical data.

Secondary of supplementary criteria has been used where necessary to provide additional context to observed concentrations, particularly where primary criteria are not available, are not directly applicable to site conditions, or where multiple lines of evidence are required to support a weight-of-evidence assessment.

1.4 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 1.1 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.

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2. Base setting

2.1 Base identification

The base is located on Garden Island, 4 km off the Western Australian mainland, north of the suburb of Rockingham and approximately 32 km south-west of the Perth Central Business District (CBD).

The base's PFAS Management Area includes the base and the near shore marine environment surrounding the base. The boundaries of the base and the Management Area are displayed in Figure 1, Appendix A. Key base identification elements are presented in Table 2.

Table 2 Summary of base identification details

Information	Details		
Street Address	Dampier Road, Garden Island, WA 6168		
Defence Property ID	WA_0089		
Land description	Lot 9 on Deposited Plan 226190	Part of Cockburn Sound Location 696	Lot 4551 on Deposited Plan 220689
Certificate of Title	Volume 641 / Folio 79	Volume 1020 / Folio 165	Volume LR3116 / Folio 732
Date registered	10 March 1916	7 August 1930	N/A
Title notes	Majority of Garden Island excludes settlement at Careening Bay, Diamantina Wharf, small portion of land at south end of island.	Small area of water area (intertidal zone) around Garden Island (between high and low water mark) and settlement at Careening Bay	Open water surrounding Garden Island (includes Diamantina Wharf and causeway road)
Approximate area	1175 ha	151 ha (part only)	2190 ha (part only)
Total Base Area	Approximately 1,200 ha		
Local Government Area	City of Rockingham		
Current Land Use / Activities	On base is zoned as Naval Development. Land uses include commercial/industrial, primarily for navy fleet operations, residential (accommodation for base personnel) and open space (bushland).		
Surrounding Land Use / Activities	Land uses surrounding the base include the following: – **North**: Carnac Island Nature Reserve / Indian Ocean. – **East**: Cockburn Sound (used for a variety of activities both commercial and recreational including fishing, water sports and shipping), beyond which is the Kwinana Industrial Area including petroleum, fertiliser, chemical and cement production facilities, metal refining, waste management, a power station and other industrial land use activities. – **South**: Point Peron and to the southeast is residential and commercial land use. – **West**: Indian Ocean.		

2.2 Source areas

AFFF were historically used at HMAS Stirling for various activities including firefighting and training, fire deluge systems and testing of firefighting systems. The fire station was considered likely to have been constructed during the initial development of the base infrastructure. The fire training area was commissioned in the 1980s and comprises two main fire pits. AFFF has reportedly not been used in the fire training area (FTA) since circa 2005 (RPS, 2018a).

The DSI (RPS, 2018a) identified the following source areas, where PFAS was detected in at least one media assessed at concentrations above the adopted assessment criteria (also refer to Figure 2, Appendix A):

- FTA;
- Demolition Ground;
- Wastewater Treatment Plant (WWTP);
- Helicopter Support Facility;
- AVCAT Storage Area;
- Fuel Farm and Infiltration Basin (also referred to as a drainage swale in previous OMRs (Stantec, 2024d);
- Fire Station;
- Ship Sullage Area;
- Flammable/Hazardous Goods and Waste Storage Area;
- Dredged Sediments Area; and
- Accommodation Area.

2.3 Environmental setting

A summary of the environment setting of the Management Area is presented in Table 3.

Table 3 Summary of base environmental setting

Setting	Description
Climate	Garden Island has a warm summer and cool winter Mediterranean climate. Mean maximum temperatures at Garden Island typically occur in February (28.4 ºC) while mean minimum temperatures are recorded in July (11.4 ºC) and August (11.2 ºC). Rainfall is winter dominant, with the highest volume of rainfall typically occurring in July with a mean monthly rainfall amount of 131.9 mm.
Topography	Topography on Garden Island ranges from sea level, 0 m relative to the Australian Height Datum (m AHD) along the eastern coastline to 55 m AHD at the centre of the Island. Steep dunes and limestone cliffs of up to 10 m AHD in elevation characterise the western perimeter of the Island, whilst the eastern perimeter is relatively flat.
Regional geology	Garden Island is an offshore outcrop of Tamala Limestone and part of the Garden Island Ridge. The WA Department of Mines and Petroleum 1:50,000 geological map series indicates the surface is Calcareous Sand (S2 and S13) (i.e. Safety Bay Sand – white medium grained rounded quartz and shell debris well sorted of eolian origin).
Local geology	Logs from the drilling of groundwater wells and soil cores during previous sampling programs (ENSR 2009, RPS 2018a) indicate the geology of the base varies with topography. The Demolition Ground in the north coast of the Island contains Safety Bay Sand to at least 5 meters below ground level (m bgl) and at the WWTP, Safety Bay Sands were encountered down to 29 m bgl. Layers of limestone were encountered in certain areas (e.g. Fire Training Area at 1 to 2 m bgl and around the WWTP at 7 to 15 m bgl). Fill sands containing brick rubble and limestone cobbles were also encountered in the Fire Training Area to a depth of 1 m bgl.
Acid sulfate soil	A review of the Acid Sulfate Soils (ASS) risk mapping, available on the WA Atlas online database indicates no known risk of ASS occurrence within three meters of natural ground surface of the base.
Hydrogeology	The superficial aquifer at Garden Island, whilst geologically connected, is not hydraulically connected to the superficial aquifer of the mainland as both discharge to the near shore marine environment. The underlying confined aquifers, the Leederville and deeper Yarragadee, typically extend tens of kilometres offshore beneath the seabed and are thought to discharge terrestrial groundwater to the ocean several kilometres from the coast (Davidson, 1995). At the south of the Island, the superficial aquifer extends to a depth of around 20 m bgl, with an aquitard (Kings Park Formation) at approximately 90 m bgl, overlying the Kardinya Shale at around 140 m bgl, overlying the Leederville aquifer at approximately 165 m bgl. In the north of the Island, the Kardinya Shale is present at significantly shallower depth than in the south (approximately 37 m bgl) and forms an aquitard to the deeper Leederville Formation at approximately 181 m bgl. The superficial groundwater is classified as brackish by the DWER Perth Groundwater Atlas, with a total dissolved solids (TDS) concentration in the range of 500 to 1,000 mg/L.

Setting	Description
Tidal influence	The DSI (RPS, 2018a) reported that data loggers installed in six groundwater wells showed a strong correlation between the recorded groundwater levels and transient tide levels. Tidal data for the nearest gauge (Fremantle) indicated a tidal range of approximately 1.1 to 1.4 m between mean high and low water levels, providing a sufficient hydraulic gradient to influence coastal groundwater levels and flow directions in nearshore environments.
Groundwater depth and flow direction	The depth to groundwater is affected by the topography of the Island. Along the coastline, groundwater is found at shallow depth (i.e., 2 to 3 m bgl). The depth to groundwater, especially along the coastal fringes, will be influenced by tides within the surrounding marine environment. Groundwater has been inferred as flowing towards the marine environment, with flow on the east of the dune system towards Cockburn Sound and flow towards the Indian Ocean on the west of the dune system. Tidal pressure can influence localised flow direction in the vicinity of the coastline.
Beneficial groundwater use	Groundwater is not abstracted on the base for potable or non-potable use. Potable water for Garden Island is supplied from the Rockingham town water supply. The DWER groundwater database found two registered abstraction bores (installed in the Leederville Aquifer) on the mainland within 20 km of Garden Island. These bores are used for irrigation and industry. RPS ruled out any risk of PFAS impact to these bores according to the calculated groundwater travel time (RPS, 2018).
Terrestrial ecology	Native vegetation occupies 70% of Garden Island, with dominant vegetation communities including Acacia scrub and Melaleuca scrub. Forest communities are dominated by Callitris preisii (or Melaleuca lanceolate), which is a listed Threatened Ecological Community (TEC). There are also a few remnant vegetation species on the property. These include: – *Amyema melaleuca* (a mistletoe) – *Lepidium puberulum* (a peppercress) – *Myosotis australis* (Austral forget-me-not) – *Melaleuca lanceolata* (Rottnest tea tree) – *Callitris preisii* (Rottnest Island pine) – *Pittosporum phylliraeoides* var *phylliraeoides* (cheesewood) The faunal diversity of the island is reportedly low, with only one native mammal, approximately 115 birds, 14 reptiles and one amphibian species. Despite the low diversity, there are a number of species with high conservation significance, due to their greater populations relative to the mainland. These include: – Tammar wallaby – Carpet python – Lined skink – Brush bronzewing – Tiger snake Several bird species that are native to the Island are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. These include: – Bridled tern – Sanderling – Osprey – Fairy tern – Little penguin
Subterranean ecology	Whilst no property-specific assessment(s) of subterranean fauna have been undertaken, three desktop studies (comprising Mangles Bay and Cape Perron, both located south of Garden Island on the mainland) of the subterranean fauna have been completed; one for stygofauna (Subterranean Ecology, 2010a), one for methanogens (Subterranean Ecology, 2010b) and another for troglofaunal (Subterranean Ecology, 2010c). All studies included literature reviews, site inspection and habitat assessments. The stygofauna habitat review (Subterranean Ecology, 2010b) concluded that there is a moderate to high likelihood that stygofauna are present at the sites subject to the studies, owing to the nature of the underlying geological substrates and the carbonate-rich groundwaters, as well as the biological productivity of Lake Richmond (located on the mainland, nearby the study sites) and its connectivity to the local groundwater systems. The methanogens habitat review (Subterranean Ecology, 2010b) concluded that there is a very low likelihood of methanogens being present at the study sites, on the basis that the consolidated sandy substrate would lack secondary permeability, and the more permeable limestone features were only present beneath the water table and would be unsuitable as habitat for air-breathing methanogens. Owing to the confirmed presence of limestone at varying depths beneath the base (primarily confirmed beneath the sewage treatment plant) and the presence of alkaline groundwater in the superficial aquifer, the presence of stygofauna at the base cannot be precluded at this stage.

Setting	Description
Marine ecology	The marine ecosystem present at Garden Island is one of the most productive and dynamic of its kind in WA. This ecosystem houses notable species including bottlenose dolphins, little penguins, and Australian sea lions. Seagrass meadows are also found adjacent to the island. The use of the Protected Matters Search Tool with a 10 km radius in 2024 (GHD, 2024a), found: – Ramsar Wetlands. – A threatened ecological community. – Threatened species and migratory bird species.

2.4 Climate

The climatic conditions in the Perth region indicate that the base has a Mediterranean climate, characterised by hot, dry summers and cooler, wetter winters. Table 4 presents long term climatic data (2021 to 2026) sourced from the Bureau of Meteorology (BOM) Garden Island HSF weather station (Station ID: 009256).

Table 4 Monthly climate summary (weather station 009256)

Weather station	Mean annual minimum temperature range (°C)	Mean annual maximum temperature range (°C)	Average annual rainfall (mm)	Average annual number of days >1 mm
Garden Island HSF	11.3 (Aug) to 19.4 (Feb)	17.9 (Jul) to 28.4 (Feb)	605	80

2.4.1 Rainfall conditions

Chart 1 to Chart 3 present monthly rainfall alongside long-term average and median values, illustrating the pronounced contrast between wet and dry conditions at Garden Island during the December 2023 to September 2025 monitoring period. Garden Island typically experiences dry conditions during summer (December to February) and peak rainfall during winter (June and July). Rainfall data recorded during each year of the monitoring period is discussed further below.

December 2023 monitoring event

Chart 1 shows that no rainfall was recorded during December 2023, which is in contrast with the long-term mean (8.5 mm) and median (3.8 mm) values and indicates an early onset of dry summer conditions.

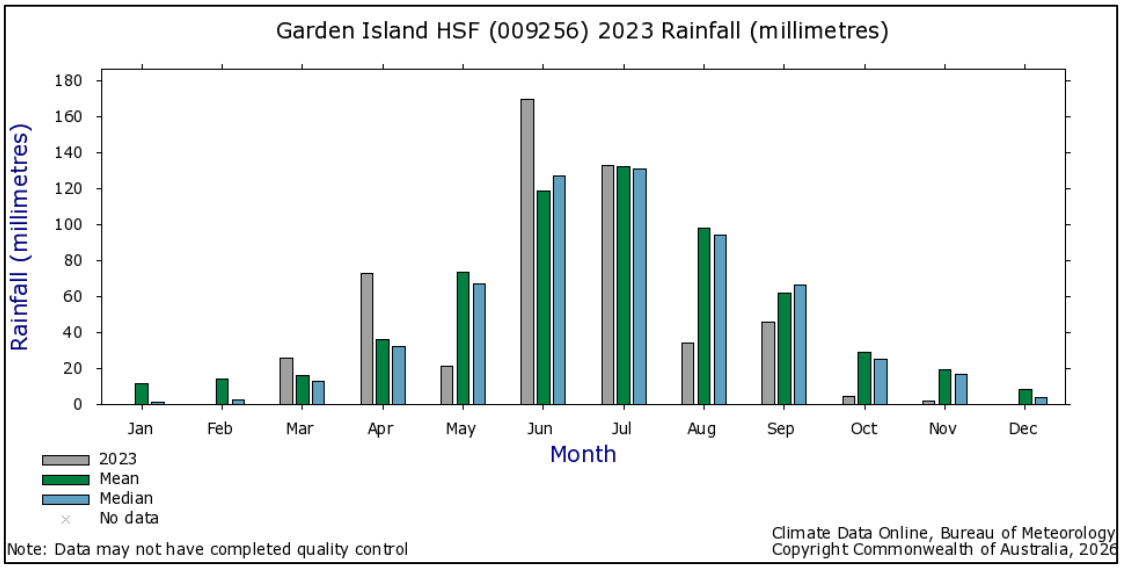

Chart 1 Base monthly rainfall (2023) compared to long-term average and median values

March, June and December 2024 monitoring events

Chart 2 shows that rainfall during March 2024 was below the long-term mean (16 mm) and median (13.1 mm), indicating drier than typical early autumn conditions. Rainfall during June 2024 exceeded the long-term mean (118.5 mm) and median (126.5 mm), reflecting wetter-than-average winter conditions. In contrast, minimal rainfall was recorded during December 2024, which was below the long-term mean (8.5 mm) and median (3.8 mm), indicating dry early summer conditions.

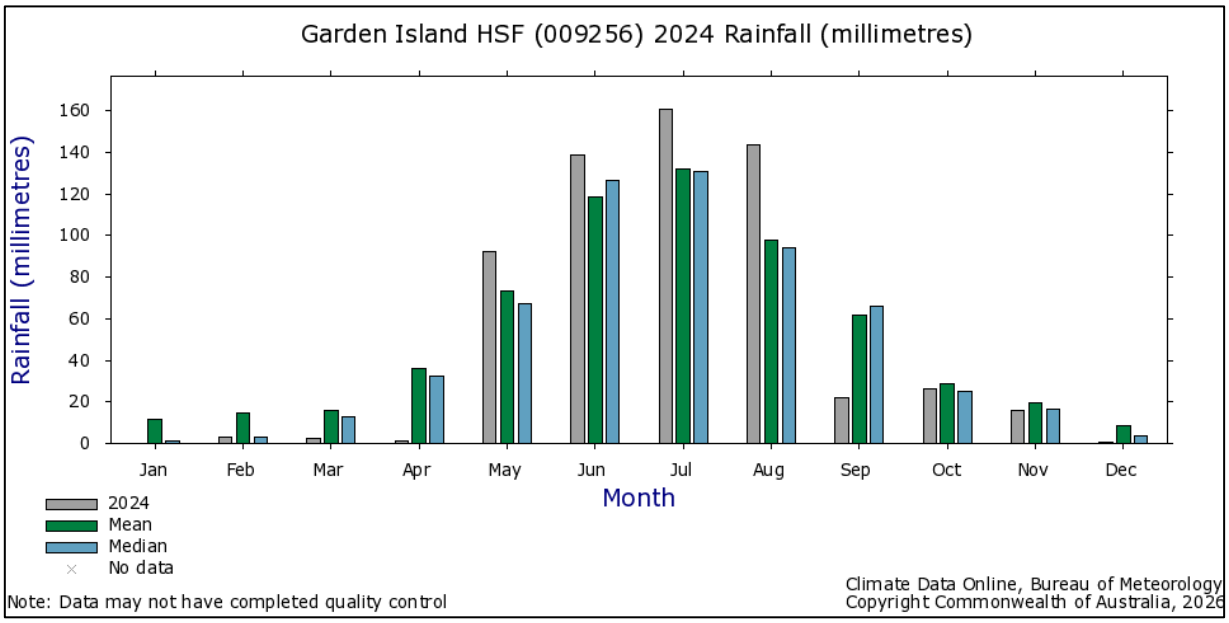

Chart 2 *Base monthly rainfall (2024) compared to long-term average and median values*

March, June and September 2025 monitoring events

Chart 3 shows that rainfall during March 2025 was below the long-term mean (16 mm) and median (13.1 mm), indicating drier-than-typical early autumn conditions. Sampling during the June 2025 monitoring event was wetter than average, where rainfall exceeded the long-term mean (118.5 mm) and median (126.8 mm). Rainfall during September 2025 also exceeded the long-term mean (61.6 mm) and median (66.2 mm), indicating relatively wet early spring conditions.

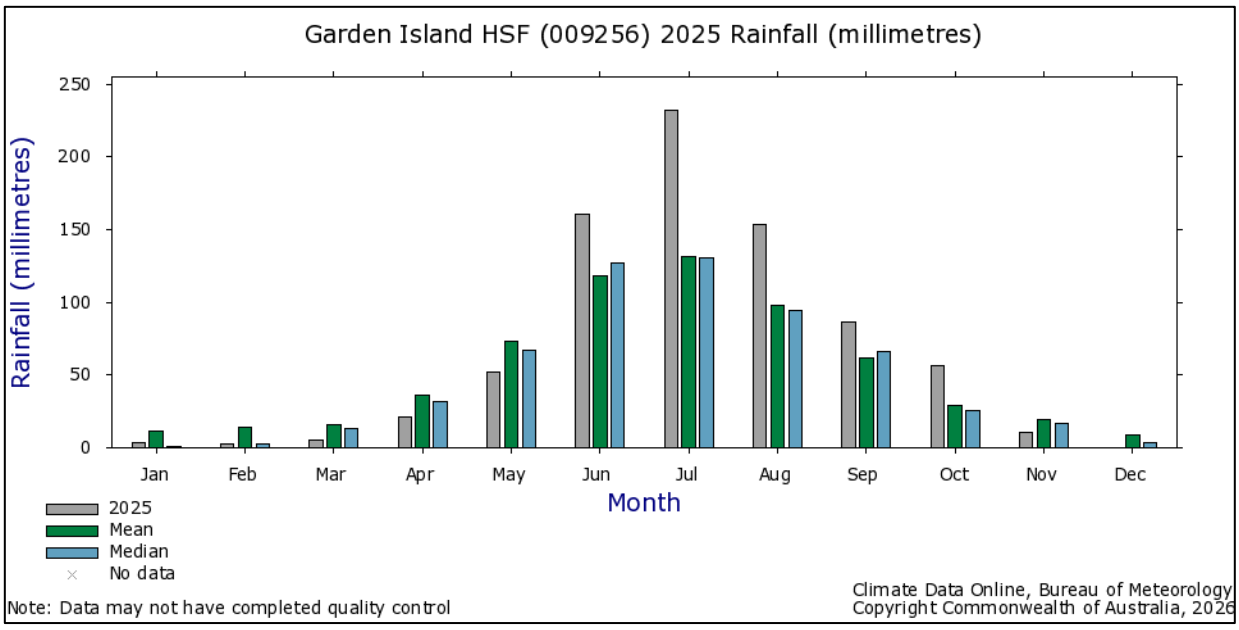

Chart 3 *Base monthly rainfall (2025) compared to long-term average and median values*

3. Other aspects

3.1 Remediation and infrastructure projects

The PMAP did not recommend remediation of PFAS contamination at the base and therefore, no remedial works were undertaken at the base during the December 2023 to September 2025 monitoring period.

Construction of a new building to the west of the AVCAT Storage Facility source area was observed during the March 2025 and June 2025 monitoring events. GHD understands these works were unrelated to the PMAP.

It is understood that upgrades to the saline WWTP are under consideration due to capacity constraints. It is assumed that future WWTP upgrades will be completed under the Defence PFAS Construction and Maintenance Framework (Defence, May 2025) and any relevant outcomes will be captured in a subsequent OMR.

3.2 Water and land use changes

No changes of water and/or land use, that would trigger a response action or a need to revise the CSM, were identified during the December 2023 to September 2025 monitoring period.

3.3 Policy or regulatory settings

The following changes to relevant guidelines were noted during the monitoring period:

– In June 2026, Version 3.1 of the PFAS NEMP was finalised. NEMP 3.1 (HEPA, 2026) is a targeted update to NEMP 3.0 incorporating revised ADWG (NHMRC, 2011, updated 2025) drinking water values and updated ANZG (2026) PFOS aquatic guidelines, with no substantive changes to the underlying risk assessment framework or other criteria.
– In June 2025, the NHMRC published updated Australian Drinking Water Guidelines for PFAS (NHMRC, 2011, updated 2025).
– In March 2026, revised PFOS freshwater default guideline values (DGV) were released under the Australian and New Zealand Guidelines (ANZG) for Fresh and Marine Water Quality (ANZG, 2026).

These guidelines changes have been considered, where relevant, within this OMR including in the identification of relevant guidelines values used for data interpretation (refer to Section 5.1.2).

3.4 Recent and current actions

The PFAS response actions recommended by the PMAP were limited to administrative controls (e.g., implementation of environmental management measures during maintenance and construction projects, restrictions on groundwater abstraction and the discontinuation of the use of AFFF containing PFAS) and implementation of the OMP. GHD understands that the administrative controls recommended by the PMAP have been implemented or are underway.

3.5 Supplementary studies

Numerous supplementary investigations have been conducted since completion of the PFAS DSI (RPS, 2018a). Of most relevance were those conducted by RCIP (GHD, 2020; GHD, 2024a; GHD, 2025a) which, while not focussed on PFAS impacts, did include limited assessment of PFAS at selected CSRs and other areas that were not investigation by the PFAS DSI. Key findings of the RCIP investigations concerning PFAS contamination and risks, and the recommendations made by RCIP in relation to them, are summarised in Appendix L and as follows:

– PFAS has been identified in several areas that were not investigated by the DSI (RPS, 2018a) at concentrations exceeding the adopted assessment criteria including:

- Building 54 Group of Underground Storage Tanks (USTs);
- Torpedo Maintenance Explosive Area;
- Torpedo Maintenance Facility – Building D21; and
- Joint Logistics Unit (West) Area.

– The PFAS concentrations identified were noted to be comparable with those identified in other areas that were investigated by the DSI and considered in the ERA (RPS, 2018b) and were generally not considered to alter the base risk profile, with the following exceptions:
  - Building 54 Group of USTs – PFOS+PFHxS concentrations at the down-gradient monitoring well in this area were three orders of magnitude greater than those recorded in the up-gradient well, indicating that the area is/was contributing to PFAS impacts in groundwater. The recorded concentrations were also noted to be two orders of magnitude greater than those identified in the PFAS DSI (RPS 2018a) in nearby areas.
  - The OMP does not include monitoring of porewater, sediment and surface water PFAS concentrations immediately down-gradient of the Building 54 Group of USTs. Due to the proximity of the area to Careening Bay, it was considered that the recorded PFAS concentrations may pose an unacceptable risk to ecological receptors of the marine environment and further assessment was considered warranted.
  - Joint Logistics Unit (West) Area – a PFAS plume in groundwater was identified extending from beneath the area to the southeast towards Careening Bay. The extent of the PFAS plume was not confirmed.

    The OMP does not include monitoring of porewater, sediment and surface water PFAS concentrations immediately down-gradient of the Joint Logistics Unit (West) Area. Additional investigation and monitoring of groundwater was recommended, including addition of the area to the OMP.

Several supplementary studies have also focussed on further understanding and managing PFAS impacts associated with the WWTP (GHD, 2024a; GHD, 2025a; GHD, 2024b). These studies generally supported the DSI finding that the WWTP is a potential ongoing source of PFAS to groundwater and the adjacent marine environment. However, PFAS concentrations in treated wastewater prior to discharge to the infiltration system are not currently monitored, introducing some uncertainty regarding the magnitude of ongoing source contributions from WWTP effluent. In addition, while the groundwater monitoring network provides coverage of identified pathways, practical access constraints west of the WWTP ponds have limited the installation of additional monitoring wells and may result in some potential groundwater flow and discharge pathways not being fully characterised. Accordingly, the assessment of WWTP-related impacts has incorporated multiple lines of evidence, including groundwater, seepage, sediment, porewater and surface water investigations undertaken in the vicinity of the WWTP and western coastline. The following key findings and recommended actions are noted:

– PFOS concentrations in marine porewater and surface water hydraulically down-gradient of the WWTP were greater than the adopted 99% marine species protection guideline value (HEPA, 2026).
– Previous seepage, sediment, porewater and surface water investigations along the western coastline provided important lines of evidence for assessing potential marine discharge pathways and indicated that PFAS associated with the WWTP may extend beyond the groundwater monitoring network.
– A fauna assessment was conducted to support an assessment of the likelihood of unacceptable PFOS exposure occurring to or via consumption of infauna. The assessment indicated a low risk of exposure of aquatic invertebrates via direct contact, and higher trophic level marine species via bioaccumulation, although this conclusion was based on limited data.
– It was noted that the designed flow capacity of the saline WWTP was insufficient for the current, and potentially future, operational requirements, resulting in periodic emergency/manual discharge of partially treated wastewater to unlined seepage ponds.
– Completion of an engineering design review to inform upgrades to WWTP capacity and treatment processes was recommended. The review also identified consideration of PFAS treatment and

implementation of PFAS monitoring of treated wastewater prior to discharge as potential measures to improve understand and management of ongoing PFAS source contributions.

4. Sampling events

4.1 Summary

The sampling events documented in this OMR were undertaken with reference to the SAQPs (GHD, 2025b; Stantec, 2023) provided in Appendix B. The SAQPs identify the monitoring locations and media included within the OMP and define the Data Quality Objectives (DQOs), analytical programs and sampling methodologies.

Sampling was undertaken during seven monitoring events between December 2023 to September 2025, providing coverage across all seasons (Table 5). The monitoring network includes groundwater, surface water, porewater and sediment; however, the scope of sampling varied between events in accordance with the applicable SAQP. Consequently, not all monitoring locations or media were scheduled during each monitoring event.

In addition, some locations could not be sampled during individual events due to access constraints, dry wells, blocked infrastructure, field conditions or other operational factors, as described in Section 4.2 and summarised in Tables 6 to 12. Accordingly, the monitoring coverage differs between events and locations, and direct comparison between consecutive monitoring rounds may not always be possible for all locations.

Unless otherwise stated, assessment of temporal trends and risk profile changes presented in this OMR is based on the complete dataset, taking in to account differences in sampling frequency and monitoring coverage time.

Table 5 Seasonal classification of monitoring events

Monitoring period	Seasonal classification
December 2023	Summer
March 2024	Autumn
June 2024	Winter
December 2024	Summer
March 2025	Autumn
June 2025	Winter
September 2025	Spring

While each monitoring period is assigned a seasonal classification, not all monitoring locations were sampled during the sampling events, and sampling was subject to the constraints described in Section 4.2.

4.2 Deviations from the SAQP

The works undertaken over the monitoring period generally complied with the version of the SAQP applicable at the time of each sampling event. Minor deviations from the SAQPs were documented in the SERs (GHD, 2025c; GHD, 2025d; GHD, 2025e; Stantec, 2024a; Stantec, 2024c; Stantec, 2024b) and are presented below.

December 2023 monitoring event (Stantec, 2024a)

Table 6 presents the deviations from the SAQP (Stantec, 2023) that occurred during the December 2023 monitoring event.

Table 6 Summary of December 2023 monitoring event deviations from the SAQP (adapted from Stantec 2023)

Location	Deviation	Details and impact on data quality
MW161	Not sampled	Well dry or blocked. **Minimal impact** – this well has historically been sampled quarterly. Nearby wells were sampled.
MW195S, MW196	Not sampled	Wells found dry. **Moderate impact** – these wells are often found dry and no data was obtained.
MW197	Not sampled	Well casing silted up, unable to unblock with a steel bailer due to the size of Polyvinyl chloride (PVC) casing (too narrow). **Minimal impact** – this well was found dry during most monitoring events, though nearby wells were sampled.
MW214	Not sampled	Well found dry. **Minimal impact** – this well is often found dry, though nearby wells were sampled.
MW239	Not sampled for non-PFAS analytes, no field parameters recorded.	Insufficient water in HydraSleeve® to fill non-PFAS sample bottles or take field readings. **Minimal impact** – non-PFAS analytes or field parameters are of limited impact to OMP objectives concerning PFAS risks and management actions.

March 2024 monitoring event (Stantec, 2024b)

Table 7 presents the deviations from the SAQP (Stantec, 2023) that occurred during the March 2024 monitoring event.

Table 7 Summary of March 2024 monitoring event deviations from the SAQP

Location	Deviation	Details and impact on data quality
MW197	Not sampled	Well casing silted up, unable to unblock with a steel bailer due to the size of PVC casing (too narrow). **Minimal impact** – this well was found dry during most monitoring events, nearby wells were sampled.

June 2024 monitoring event (Stantec, 2024c)

Table 8 presents the deviations from the SAQP (Stantec, 2023) that occurred during the June 2024 monitoring event.

Table 8 Summary of June 2024 monitoring event deviations from the SAQP

Location	Deviation	Details and impact on data quality
MW161	Not sampled	Monitoring well was found dry. **Minimal impact** – sufficient temporal data has been collected from this location.
MW172	Sampled	Location previously removed from the SAQP though was sampled in June 2024. **Positive impact** on the dataset.
MW196	Not sampled	**Minimal impact** – well often found dry, though other wells in area were sampled.
MW224	No field parameters recorded	Insufficient water remaining in HydraSleeve® to enable recording of field parameters. **Minimal impact** – field parameters are of limited impact to OMP objectives concerning PFAS risks and management actions.

Location	Deviation	Details and impact on data quality
MW242	Not sampled	Blocked at 3.8 m bgl. **Minimal impact** – sufficient temporal data has been collected from this location.
MW282	Not sampled	Monitoring well was found dry. **Minimal impact** – nearby wells targeting the HSF source area were sampled.

December 2024 monitoring event (GHD, 2025c)

Table 9 presents the deviations from the SAQP (GHD, 2025b) that occurred during the December 2024 monitoring event.

Table 9 Summary of December 2024 monitoring event deviations from the SAQP

Location	Deviation	Details
MW195S, MW202	Not sampled	Monitoring well blocked and unable to be sampled – no data collected. **Minimal impact** – hydraulically down-gradient groundwater water locations (i.e., closer to the receiving environment) including MW196, MW199 and MW468 were able to be sampled to provide an assessment of risks to the marine environment, which is the primary sensitive receptor for the base. Base-wide groundwater contours were able to be inferred based on the wider monitoring network.
MW202	Not sampled	Monitoring well could not be located – no data collected. **Minimal impact** – hydraulically down-gradient locations in the receiving marine environment including SD304, PW304 and SW304 were able to be sampled to provide an assessment of risks to the marine environment, which is the primary sensitive receptor for the base.
PW307, PW308, PW314, PW315 and PW316	Not sampled	These sampling locations are located south of the Helicopter Support Facility. Hard limestone and ground conditions prevented the porewater sampler to be driven into the ground to abstract porewater. **Moderate impact** – only one location (PW306) was able to be sampled on the beach south of the Helicopter Support Facility. The locations in this area were, however, able to be sampled during the other sampling events of the monitoring period.
Demolition ground	Sampling completed in January	The demolition ground could not be accessed during the December mobilisation. Sampling was instead completed in January. **Minimal impact** – sampling was completed within summer, which is the season that the December sampling event is intended to represent.

March 2025 monitoring event (GHD, 2025d)

Table 10 presents the deviations from the SAQP (GHD, 2025b) that occurred during the March 2025 monitoring event.

Table 10 Summary of March 2025 monitoring event deviations from the SAQP

Location	Deviation	Details and impact on data quality
MW196	Not sampled	Access to this monitoring location at in the WWTP source area requires a gate to be opened by base personnel. Base personnel were unavailable to open the gate at the time of the sampling event and therefore, the well was not sampled. **Minimal impact** – the range of PFAS concentrations at this well is well understood from historical data and are typically below the LOR. Base-wide groundwater contours were able to be inferred based on the wider monitoring network. Hydraulically down-gradient groundwater water location MW468 (i.e., closer to the receiving environment) was able to be sampled to provide an assessment of risks to the marine environment which is the primary sensitive receptor for the base.
MW109, MW268, MW233	Field data not recorded	Depth to groundwater and physicochemical parameters were mistakenly not recorded at these locations. **Minimal impact** – PFAS concentrations were able to be recorded. Gauging of nearby monitoring wells (i.e., those associated with the respective source areas that the monitoring wells are within) provides a broad understanding of the groundwater elevation and physicochemical profile of the areas.
MW239	Not sampled	The well, located in the AVCAT Storage and Fuel Farm source area, was found to be partially buried and the casing blocked with sand at the time of the sampling event. It was therefore unable to be sampled. **Minimal impact** – the range of PFAS concentrations at this well is well understood from historical data. Base-wide groundwater contours were able to be inferred based on the wider monitoring network. Hydraulically down-gradient groundwater water locations (i.e., closer to the receiving environment) including MW242, MW245, MW249. MW496 and MW516) were able to be sampled to provide an assessment of risks to the marine environment which is the primary sensitive receptor for the base.
MW282	Incorrect well sampled	Field work error – MW539 was incorrectly sampled instead of MW282. **Minimal impact –** the range of PFAS concentrations at MW282 is well understood from historical data and has not significantly fluctuated since 2019. The well was able to be sampled as part of the subsequent June 2025 sampling event (reported on separately). Hydraulically downgradient porewater and surface water locations in the receiving environment were able to be sampled to provide an assessment of risks to the marine environment which is the primary sensitive receptor for the base. MW539 is immediately adjacent to MW282 though is screened in a deeper potion of the aquifer (i.e., from 16.5 to 20.5 m bgl, whereas MW282 is screened from 4.5 to 7.5 m bgl), so provides an additional datapoint representative of PFAS impacts in the deeper portion of the aquifer.
All locations	Daily “bump tests” not undertaken	The water quality meter used to record physicochemical parameters of water samples during the sampling event was calibrated by the supplier prior to the sampling event though daily “bump tests” to monitor calibration throughout the sampling event were not undertaken. **Minimal impact** – recorded physicochemical parameters were consistent with the historical dataset.

June 2025 monitoring event (GHD, 2025e)

Table 11 presents the deviations from the SAQP (GHD, 2025b) that occurred during the June 2025 monitoring event.

Table 11 Summary of June 2025 monitoring event deviations from the SAQP

Location	Deviation	Details and impact on data quality
MW196	Not sampled	Access to this monitoring location at in the WWTP source area requires a gate to be opened by base personnel. Base personnel were unavailable to open the gate at the time of the sampling event and therefore, the well was not sampled. **Minimal impact** – the range of PFAS concentrations at this well is well understood from historical data and are typically below the LOR. Base-wide groundwater contours were able to be inferred based on the wider monitoring network. Hydraulically down-gradient groundwater water location MW468 (i.e., closer to the receiving environment) was able to be sampled to provide an assessment of risks to the marine environment which is the primary sensitive receptor for the base.
MW239	Not sampled	Consistent with the March 2025 sampling event, this well, located in the AVCAT Storage and Fuel Farm source area, was found to be partially buried and the casing blocked with sand at the time of the sampling event. It was therefore unable to be sampled. **Minimal impact** – the range of PFAS concentrations at this well is well understood from historical data. Base-wide groundwater contours were able to be inferred based on the wider monitoring network. Hydraulically down-gradient groundwater water locations (i.e., closer to the receiving environment) including MW242, MW245, MW249. MW496 and MW516) were able to be sampled to provide an assessment of risks to the marine environment which is the primary sensitive receptor for the base.
PW314	Not sampled	Porewater location PW314, associated with the Helicopter Support Facility, was unable to be sampled due to installation of the piezometer encountering refusal at shallow depth on limestone, before water could be reached. An attempt to sample was made at 4 locations in the vicinity of the sampling location, though all encountered refusal. Refusal has been encountered at this location previously and may reflect tidal influence on the thickness of the sand layer overlying the limestone. **Minimal impact** – proximal locations PW306 to PW308, PW315 and PW316 were able to be sampled.
SD367 and PW367	Not sampled	This co-located sediment and porewater sampling location, associated with the WWTP source area, was unable to be sampled due to an excessive seaweed presence along the shoreline of the beach at the time of the sampling event, which prevented access to the underlying porewater and sediment. **Minimal impact** – proximal co-located locations SD/PW368 and SD/PW345 were able to be sampled. Location SD/PW367 was able to be sampled during the subsequent September 2025 sampling event (reported on separately).
PW350 to PW352, PW380, PW381 and PW401	Sampled using a bailer	These porewater sampling locations are only accessible by walking approximately 2 km along the beach. To minimise HSE risks associated with carrying heavy sampling equipment over this distance, porewater samples were collected from these locations using a bailer rather than a peristaltic pump. **Minimal impact** – purging of porewater is not necessary due to the highly transmissive nature of the intertidal zone sediments. Recorded PFAS concentrations were consistent with historical data.

September 2025 monitoring event (GHD, 2026)

Table 12 presents the deviations from the SAQP (GHD, 2025b) that occurred during the September 2025 monitoring event.

Table 12 Summary of September 2025 monitoring event deviations from the SAQP

Location	Deviation	Details and impact on data quality
MW166	Sampled using a bailer	Attempt to sample MW166 (WWTP area) initially occurred on 18 September 2026. Insufficient water was identified in the water column to fill the HydraSleeve®, so a top weight was applied to compress the HydraSleeve®. The top-weighted HydraSleeve® was recovered on 23 September 2025 though still contained insufficient water to allow collection of a sample and measurement of field parameters. As such, a bailer was used to recover the required volume of water. **Minimal impact** –Recorded PFAS concentrations at the location were consistent with historical data.
MW158, MW193 and MW195S (WWTP)	Not sampled	MW158 was unable to be located due to the presence of dense vegetation (weeds) growing in the area at the time of the sampling event. MW195S was blocked at the time of the sampling event and was therefore unable to be sampled. Due to field error, monitoring well MW079 was sampled in place of MW193. The data obtained from MW079 was presented. **Minimal impact** – Hydraulically down-gradient groundwater water locations (i.e., closer to the receiving environment) including MW196, MW199 and MW468 were able to be sampled to provide an assessment of risks to the marine environment, which is the primary sensitive receptor for the base. Base-wide groundwater contours were able to be inferred based on the wider monitoring network.
MW249	Not sampled	MW249 (AVCAT Storage and Fuel Farm area) was unable to be located during the sampling event and was suspected to have been beneath a soil stockpile that was present at the well location. **Moderate impact** – reduced spatial coverage in the downgradient area for this event; however historical data and adjacent monitoring locations provide context.
Multiple locations	Total dissolved solids (TDS) not recorded	Due to field error, TDS was not recorded when conducting surface water sampling at all locations apart from those associated with the Demolition Ground. **Minimal impact –** Salinity at the surface water monitoring locations, which represent the marine environment of the Cockburn Sound and Indian Ocean, is well understood from historical data and can also be assessed based on electrical conductivity, which was recorded during the sampling event.

4.3 Quality assurance and quality control

Data quality objectives and data validation are documented with the individual SERs provided in Appendix J. The quality assurance and quality control (QA/QC) data indicates that the field and laboratory datasets were suitably representative of the sample locations and therefore the overall quality of the dataset is considered suitably reliable for the purpose of this OMR.

The datasets collected during each event have also been reviewed and uploaded to the Defence ESdat database in accordance with Defence Contamination Management Manual (DCMM) requirements.

Overall, the dataset is considered suitable for the intended assessment objectives and meets the Data Quality Objectives (DQOs) defined in the SAQPs (Stantec, 2023; GHD, 2025b). QA/QC outcomes indicate that the data are representative and suitable for PFAS trend, performance and risk assessment.

SAQP deviations were generally minor and localised, with impacts mitigated through historical data, adjacent monitoring locations and continued network coverage; while some localised data gaps and minor field deviations introduce low to moderate uncertainty, these do not materially affect overall interpretation. The dataset is therefore sufficient to support the conclusions of this OMR and associated risk-based decision-making.

5. Data interpretation methodology

The base has been through various stages of contamination assessment including:

– A DSI (RPS, 2018a) to determine the nature and extent of PFAS at the base, and
– An ERA (RPS, 2018b) to assess potential risks to ecological receptors.

A CSM is a representation of site-related information regarding contamination sources, receptors, and exposure pathways between those sources and receptors ('SPR linkages'). A preliminary CSM for the site was developed as part of the DSI (RPS, 2018a) and refined via the ERA process. The outcomes of the DSI and ERA form the basis of the base 'risk profile', which is now managed under the PMAP (Defence, 2019). The most recent source-pathway-receptor analysis, undertaken as part of development of the PMAP (Defence, 2019), is reproduced in Appendix I. The SPR analysis includes commentary on the potential for exposure and a qualitative risk evaluation associated with each source-pathway-receptor linkage.

This OMR present and interprets monitoring data collected during the current monitoring period November 2023 to September 2025. To assess changes in PFAS concentrations and the base risk profile over time, the assessment incorporates the complete available PFAS monitoring dataset for groundwater, surface water and porewater, including data reported in previous investigations and monitoring programs (GHD, 2025c; GHD, 2025d; GHD, 2025e; Stantec, 2024a; Stantec, 2024c; Stantec, 2024b). Historical interpretive assessments, including the DSIs (GHD, 2020; GHD, 2024a; GHD, 2025a) and previous OMR (Stantec, 2024d) were also reviewed. Unless otherwise stated, the data tables, figures, concentration comparisons, statistical evaluations and trend analyses in this report incorporate the full historical dataset.

The overarching objectives of the OMP and this OMR are to assess whether there are changes in the base PFAS risk profile. Changes in the site risk profile indicate that risk management action and/or revision of the PMAP may be required.

5.1 Data assessment process

The data collected as part of the OMP has been evaluated in this OMR using the following approach, which is also graphically displayed in Chart 4:

1. **SPR classification** – Monitoring locations have been categorised as either PFAS 'source' zones, 'pathways' or 'receptors'. This is referred to as the 'SPR classification' and is outlined in Section 5.1.1.
2. **Data assessment** - Water data associated with 'source', 'pathway' and 'receptor' locations has been assessed using trend analysis and comparisons with adopted performance measures (guideline values and assessment triggers), as outlined in Section 5.1.2.
3. **Risk profile assessment** – If the data assessment indicates that there may have been a change in the nature and extent of PFAS on the base or within the Management Area, an assessment of the implications of this change for the risk profile has been undertaken (Section 5.1.3).

The data assessment process has focused on PFOS and PFHxS (particularly for trend analysis), as these are the dominant species for the base (RPS, 2018b) and are the species for which Australian regulators have published guideline values (or 'screening criteria'). PFOA and PFBS have also been considered, as these analytes also have applicable guideline values.

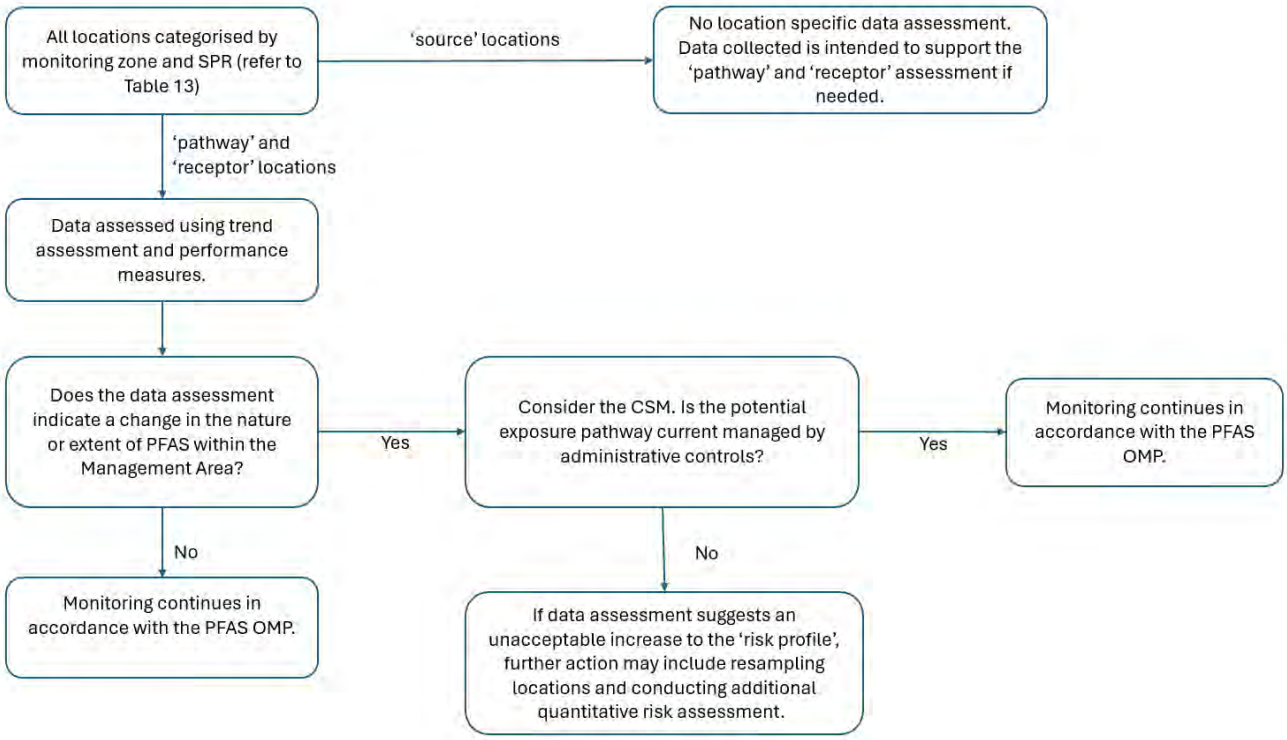

Chart 4 ***Flow chart showing decision process for the application of performance criteria***[1]

5.1.1 SPR classification methodology

To support interpretation of monitoring data, monitoring locations were classified into either 'source', 'pathway' or 'receptor' (SPR) in accordance with the SAQPs (Stantec, 2023; GHD, 2025b), based on their location and intended monitoring purpose.

Classification was undertaken using the following:

- **Relative location to identified PFAS source areas** – assessed based on proximity to areas of known or suspected AFFF use (i.e., fire training areas, fuel farm, fire station).
- **Hydrogeological setting and inferred groundwater flow direction** – evaluated based on the inferred groundwater flow direction, including locations upgradient, within, or downgradient of the PFAS plume.
- **Monitoring purpose within the network** – assigned based on its intended purpose in the monitoring program (i.e., characterisation of source behaviour, detecting plume migration, or assessing potential exposure at downgradient receptors).

Based on this assessment locations were classified as follows:

- **Source** – monitoring wells located within or immediately adjacent to identified source areas, used to characterise residual PFAS mass and temporal availability.
- **Pathway** - Monitoring at porewater and sediment pathway locations between source and receptor areas (including the FA, WWTP, Fuel Farm, Fire Station, HSF and other identified source areas) provides an early indication of change in the spatial distribution of PFAS and informs any required contingency measures.
- **Receptor** – locations representing potential points of exposure, including surface water locations located along the coastline, that target potential impacts to Cockburn Sound.

[1] Given the PFAS risk profile has been assessed as low and acceptable, no action is proposed in the event the data assessment processes indicates that the risk profile has decreased (although, the timeframe, extent and requirements for ongoing monitoring and management may be reviewed).

This classification, presented in Table 13, provides a consistent basis for interpreting monitoring results spatially across the network and supports assessment of changes in PFAS extent, migration-behaviour, and potential risk to downgradient receptors.

Table 13 Summary of OMP Monitoring locations and SPR classification

Monitoring area		Media	Location ID/s (0089)
Source	Fire Training Area	Groundwater	MW109, MW112, MW120, MW121, MW123, MW128, MW500
	Demolition Ground	Groundwater	MW139, MW141, MW147
	WWTP	Groundwater	MW173, MW193, MW195S, MW195D
	HSF	Groundwater	MW215, MW216, MW217, MW220, MW224, MW282
	Accommodation Area	Groundwater	MW289
	Dredged Sediments	Groundwater	MW268, MW269
	AVCAT Storage Area and Fuel Farm	Groundwater	MW233, MW236, MW238, MW239, MW240, MW242, MW243, MW245
	Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage	Groundwater	MW255, MW256, MW257, MW258, MW259
Pathway	Fire Training Area	Groundwater	MW124, MW125, MW126, MW127
		Porewater	PW335, PW340, PW341, PW362, PW363, PW364
		Sediment	SD335, SD340, SD341, SD362, SD363, SD364
	Demolition Ground	Groundwater	MW142, MW149
		Porewater	PW329, PW330, PW331, PW356, PW357, PW358
		Sediment	SD329, SD330, SD331, SD356, SD357, SD358
	WWTP	Groundwater	MW158, MW161, MW166, MW171, MW196, MW199, MW200, MW202, MW203, MW468
		Porewater	PW304, PW345, PW350, PW351, PW352, PW367, PW368, PW369, PW380, PW381, PW401
		Sediment	SD304, SD345, SD367, SD368, SD369, SD350, SD351, SD352, SD380, SD381, SD401
	Helicopter Support Facility (HSF)	Groundwater	MW214, MW225, MW226, MW227, MW228
		Porewater	PW306, PW307, PW308, PW314, PW315, PW316, PW405, PW407, PW409, PW411, PW413, PW415
		Sediment	SD306, SD307, SD308, SD314, SD315, SD316, SD405, SD407, SD409, SD411, SD413, SD415
	Accommodation Area	Groundwater	MW288
		Porewater	PW346
		Sediment	SD346
	Dredged Sediments	Porewater	PW374, PW375, PW378
		Sediment	SD374, SD375, SD378

Monitoring area		Media	Location ID/s (0089)
	AVCAT Storage Area and Fuel Farm	Groundwater	MW249, MW496, MW516
	Fire Station Flammable / Hazardous Goods Waste Storage, Ship Sullage	Groundwater	MW010, MW553
Receptor	Fire Training Area	Surface water	SW130, SW132, SW134
	Demolition Ground	Surface water	SW150, SW152, SW154, SW156
	WWTP	Surface water	SW305, SW353, SW370, SW371, SW372, SW373, SW382, SW383, SW384
	HSF	Surface water	SW309, SW310, SW311, SW406, SW408, SW410, SW412, SW414, SW416
	Dredged Sediments	Surface water	SW317, SW318, SW319

5.1.2 Data assessment methodology

The data assessment methodology integrates screening assessment and trend analysis to provide a weight of evidence evaluation of PFAS concentrations across source, pathway and receptor locations. Specifically:

– Given that several DSIs (GHD, 2020; GHD, 2025a; GHD, 2024a) and an ERA (RPS, 2018b) have been completed for the base, the screening assessment is used to provide context to the magnitude of the results only.
– Trend analysis is the primary method applied to identify potential changes in the base risk profile.

Screening assessment

The screening assessment involves the comparison of analytical results against published guideline values that are designed to be protective of defined receptors under generic exposure scenarios. Exceedance of the adopted guideline value does not necessarily indicate the presence of risk but rather triggers further evaluation within a weight-of-evidence framework.

A structured hierarchy of criteria has been applied to ensure consistent and transparent interpretation of results. Primary screening criteria are defined for each environmental medium and receptor summarised in Table 14, consistent with the SAQPs (Stantec, 2023; GHD, 2025b). These are principally based on:

– The PFAS NEMP 3.1 (HEPA, 2026), which were released in June 2026, presents a consolidated set of criteria for the screening level assessment of the risks to human health and ecology that may be associated with the presence of PFAS in soil and water and has been adopted as the primary framework for PFAS-specific assessment.
– The NHMRC Australian Drinking Water Guidelines (ADWGs) for PFAS were revised in June 2025 (NHMRC, 2011, updated 2025). It is noted that the ADWG value for PFOS is below the LOR that was nominated in the OMP (RPS, 2018c) and has been applied since completion of the DSI (RPS, 2018a) for assessment for potential potable exposure pathways where relevant. This is not considered limiting upon the groundwater dataset however, noting that groundwater is not abstracted on the base for potable use (GHD, 2025b).
– The ANZG (2026) guideline values for PFOS in freshwater, which were released in March 2026, after the monitoring period. In relation to this guideline, the screening threshold (i.e., 0.0005 µg/L) for triggering assessment of PFOS concentrations in biota has not been considered on the basis that an ERA (RPS, 2018b) has been completed that included measurement of PFAS concentrations in lower trophic level aquatic biota, estimation of PFOS concentrations in fish and shorebirds, and food web modelling to understand risks posed to higher order consumers through bioaccumulation.

– There are currently no guideline values endorsed by Australian regulators for PFAS in sediment; therefore, sediment data are interpreted qualitatively and in the context of co-located surface water and porewater results.

Where multiple criteria are available, the most conservative relevant value has generally been adopted unless a site-specific rationale is provided. Human health and ecological criteria are applied separately to the relevant receptors. Exceedances are interpreted in the context of spatial and temporal trends, known source areas and pathways, and historical monitoring data.

The data assessment methodology described above integrates screening assessment and trend analysis to provide a weight of evidence evaluation of PFAS concentrations across source, pathway and receptor locations. The outcome of this assessment is presented in Section 7 and form the basis for interpretation of spatial and temporal trends and their implications for the base risk profile.

Table 14 Summary of PFAS assessment screening criteria

Exposure scenario	Source	Screening criteria (µg/L)				
		PFOS	PFHxS	PFOS+PFHxS	PFOA	PFBS
Groundwater						
Health Potable use of groundwater	(NHMRC, 2025)	0.008	0.03	-	0.2	1.0
Surface water and porewater						
Health Recreational water use	(HEPA, 2026)	2	2	2	10	-
Ecology Aquatic ecosystems (99% species protection)	(HEPA, 2026) (ANZG, 2026)	0.02	-	-	19	-

Given that several DSIs (GHD, 2020; GHD, 2024a; GHD, 2025a) and an ERA (RPS, 2018b) have been undertaken for the base, the screening assessment has only been used to provide context to the magnitude of the results obtained. The trend assessment is the primary method used to identify potential changes in the base's risk profile.

Trend assessment

The trend assessment used both current and historical monitoring data to identify changes in the nature and extent of PFAS within the Management Area over time. For completeness and to maintain consistency with previous assessments, the trend assessment has included Mann-Kendall tests, linear regression assessments (for groundwater only) and box-and-whisker plots to evaluate the statistical significance of concentration trends. These statistical tools provide multiple lines of evidence to support the data interpretation (refer Section 7).

Mann-Kendall and linear regression analysis was only applied to groundwater locations because surface water and porewater locations are inconsistently sampled (compared to groundwater sampling from established monitoring wells) and therefore did not meet the minimum data requirements for statistical trend analysis. Instead, trend assessment for surface water and porewater has been undertaken using box and whisker plots, which provide a qualitative method for identifying changes in concentration ranges and variability over time (provided in Appendix F).

The trend assessment methods can be summarised as follows:

– The **Mann-Kendall** trend analysis uses a minimum of four results per monitoring location to identify a potential trend (i.e., increasing, stable or decreasing) using three statistical metrics (GSI, 2012):
  - **The 'S' Statistic**: Indicates whether concentration trend vs. time is generally decreasing (negative S value) or increasing (positive S value).
  - **The Confidence Factor (CF)**: Modifies the 'S' Statistic calculation to indicate the degree of confidence in the trend result. Additionally, if the CF is low, due to either considerable variability in

concentrations vs. time or little change in concentrations vs. time, the CF is used to apply a preliminary 'No Trend' classification, pending consideration of the 'Coefficient of Variation'.

- **The Coefficient of Variation (COV)**: Distinguishes between a 'No Trend' result (significant variability in concentrations vs. time) and a 'Stable' result (limited variability in concentrations vs. time) for datasets with a low CF.
- **The p value**: Indicates the statistical significance of the trend, with $p < 0.05$ indicating a statistically significant monotonic trend (i.e. the identified trend is unlikely to have occurred by chance).

– **Linear line of best fit** uses an R squared value[2] to estimate the statistical significance of a potential upwards or downwards trend on a time series graph for each monitoring location, with an R squared value greater than or equal to 0.70 indicating a strong linear association (ANZG, 2026). This method also highlights new maximum (or minimum) concentrations of first-time detections of PFAS in a data set that may warrant further, individual consideration.

– For duplicate pairs, the maximum concentration of the pair has been used in the trend analysis and where the result is <LOR, the value of the LOR has been adopted.

– **Box and whisker plots** are graphical tools that display the minimum, first quartile, median, third quartile and maximum statistics of the datasets collected at each monitoring location, such that the spread of the dataset and any outliers can be visually assessed. Within each boxplot the most recent data point has been compared to the historical dataset.

Confidence in identified trends was assessed based on the strength and consistency of multiple lines of evidence, including the Mann-Kendall p-value, CF and CV, the linear regression R squared value, comparison with historical ranges, and box-and-whisker plots. Higher confidence was assigned where statistical trends were significant and supported by consistent temporal and spatial evidence. Lower confidence was assigned where datasets were limited, highly variable, dominated by results below the LOR, or where apparent changes remained with historical variability. Where datasets contained only one or two detections, or were dominated by non-detects, results were not relied upon for quantitative trend interpretation and where instead assessed qualitatively.

Each trend assessment method has a slightly different purpose, as follows:

– The Mann-Kendall test is a non-parametric method that does not require assumptions about data distribution and is well-suited for detecting monotonic trends in environmental time-series data but does not allow the quantification of the trend.

– Linear regression provides estimates of both the direction and magnitude of trends, assuming a linear relationship and normally distributed residuals. It is sensitive to outliers and may be less reliable where data are non-normal but provides a quantitative measure of trend without implying predictive capability.

– The box-and-whisker plots are useful for evaluating the variability and distribution of a dataset, but do not provide information on temporal trends.

Table 15 compares the information provided by each statistical tool. This demonstrates that the three methods are complementary, and their combination strengthens the reliability of the analysis.

Table 15 Summary of statistical tools utilised for data analysis

Method	Identifies trend	Assess variability and contextualise recent results
Mann-Kendall	Yes (does not quantify the trend)	No
Linear Line of Best Fit	Yes (assumes linear trend and can be sensitive to outliers)	No
Box Plot	No	Yes

[2] 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, it is considered there is no linear trend in the data set.

The application of this methodology enables a structured evaluation of PFAS concentrations across source, pathway and receptor locations and identifies potential changes in the base risk profile. In general, stable plume conditions are inferred where observed PFAS concentrations and trends remain consistent with historical distribution of contamination, increasing trends are absent or limited to isolated source or pathway locations, concentrations remain within expected historical variability, and there is no evidence of increased PFAS migration towards receptor locations. Under this framework, plume stability is assessed based on the collective weight of evidence from trend analysis, spatial distribution and receptor exposure potential, rather than on trend results at individual monitoring locations alone.

Duplicates have been managed in the trend assessment process by adopting the maximum concentration from each pair to avoid underestimating contaminant levels. Where results are reported <LOR, the LOR value has been applied to ensure consistency in the dataset. Overall, this approach is conservative and has been considered in the interpretation of the trend reliability. Specifically; where there are a low number of samples (i.e., one or two) and/or where most samples reported concentrations less than or equal to a consistent LOR, the location has been discounted from further assessment.

Interpretation of increasing trends

The identification of an increasing trend at an individual monitoring location does not, in isolation, indicate plume expansion or a change in the PFAS risk profile. Trend results are interpreted within a broader weight-of-evidence framework that considers:

– The SPR classification of the monitoring location (source, pathway or receptor).
– The magnitude of the observed change, relative to historical concentration ranges and dataset variability.
– Whether the trend is supported by multiple lines of evidence (Mann-Kendall analysis, linear regression and/or box-and-whisker plots).
– Spatial consistency, with trends observed at adjacent monitoring locations; and
– Whether there is an increased potential for migration toward, or exposure at, receptor locations.

Increasing trends confined to source areas, or trends that remain within the range of historical variability and are not accompanied by corresponding increases at pathway or receptor locations, are not necessarily indicative of plume expansion. Conversely, increasing trends observed across multiple pathway or receptor locations, particularly where concentrations exceed historical ranges or indicate increased exposure potential, may suggest a change in plume behaviour and warrant further risk evaluation.

5.1.3 Risk profile assessment

Where performance measures outlined in Section 5.1.2 indicate a potential change in the nature or extent of PFAS within the base or Management Area, the implications for the PFAS risk profile are assessed as follows:

– No further assessment is undertaken if it is identified that the currently assessed low and acceptable PFAS risk profile has further decreased, although the timeframe, extent and requirements for ongoing monitoring and management may be reviewed.
– The risks associated with a potential increase in the nature and extent of PFAS within the base or monitoring area is undertaken by evaluating whether relevant SPR linkages remain effectively managed via administrative controls.

Overall, low and acceptable risk is inferred where concentrations at receptor locations do not indicate increasing exposure potential, and where exceedances or increasing trends are either confined to source and pathway areas or remain consistent with historical concentration ranges and expected temporal variability. Where increasing trends are identified, their significance is evaluated in the context of plume behaviour, spatial extent, historical monitoring data and receptor exposure pathways. A change in the risk profile is only inferred where the weight of evidence indicates a material increase in PFAS migration, exposure potential, or risk relative to the baseline conditions established through the DSI (RPS, 2018a), ERA (RPS, 2018b) and PMAP (Defence, 2019).

A change in the risk profile is only inferred where the weight of evidence indicates a material increase in PFAS migration, exposure potential, or risk relative to the baseline conditions established through the DSI, ERA and PMAP. Conversely, where the risk profile remains low and acceptable and monitoring demonstrates stable plume behaviour with no material increase in exposure potential, the findings may support ongoing management through the OMP, and consideration to any future site works in alignment with the Defence PFAS Construction and Maintenance Framework (CMF).

5.1.4 Response action overview

The PMAP (Defence, 2019) outlines the management measures in place to address the PFAS contamination identified within the base and wider Management Area. The response actions recommended in the PMAP generally comprised:

– Administrative controls such as the implementation of Health, Safety and Environmental (HSE) controls during maintenance and construction projects, restrictions of groundwater abstraction and the discontinuation of the use of AFFF containing PFAS.
– Implementation of the OMP to monitor the nature and extent of PFAS contamination and associated risk profile.

GHD understands that these administrative controls have been implemented.

If a potentially unacceptable increase in risk is identified, the following responses may be recommended:

– Resampling of the location/s to confirm the changes and or the sampling of additional nearby locations.
– Completion of a further quantitative risk assessment.
– Implementing additional management measures.

6. Results

A summary of all monitoring and analytical results compared to the adopted guideline values (where relevant) are provided in Appendix C as follows:

– Table C1: Groundwater quality parameters.
– Table C2: Surface water quality parameters.
– Table C3: Porewater quality parameters.
– Table C4: Groundwater analytical results.
– Table C5: Surface water analytical results.
– Table C6: Porewater analytical results.
– Table C7: Sediment analytical results.

These tables include the data collected during the December 2023 to September 2025 monitoring period and the historical dataset available in the Defence database, to inform the trend assessment.

Supporting documentation including field sheets, laboratory certificates and the QA/QC assessment associated with each sampling event are included in the SERs provided in Appendix J. The monitoring locations inferred groundwater flow and results are presented in Figure 1 to Figure 31 (in Appendix A).

6.1 Field observations and parameters

6.1.1 Groundwater quality

Summaries of groundwater field observations and physicochemical parameters (temperature, electrical conductivity [EC], pH, dissolved oxygen [DO] and oxidation-reduction potential [ORP]) recorded over the monitoring period (December 2023 to September 2025) are presented in Table C1, Appendix C and are summarised in Table 16 and Table 17, respectively.

Table 16 Summary of groundwater field observations

Monitoring event	Field observations
December 2023	Generally clear with no odour.
March 2024	Hydrocarbon and sulfidic odours were noted at multiple locations.
June 2024	Generally clear to cloudy/brown with sulfidic odour at multiple locations.
December 2024	Generally clear with a low to moderate sediment load, no odour, and no sheen. A hydrocarbon odour was observed at MW126, MW199, MW200, MW245, MW516 and MW553 and MW199. MW128 was noted to have an organic odour.
March 2025	Generally pale brown, pale yellow, or pale grey, with low to moderate sediment load, no sheen with a slight to moderate organic or sulfidic odour. Hydrocarbon odours were also noted at multiple locations.
June 2025	Generally clear to pale yellow with low turbidity, low to moderate sediment load and no sheen. Hydrocarbon and organic odours were noted at multiple locations.
September 2025	Generally clear to pale with low sediment load, no turbidity, no sheen, typically odourless with occasional sulphuric odours or minor floating particles.

Table 17 Summary of groundwater field parameters

Monitoring event	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	ORP (mV)
December 2023	19.7 (MW259) – 26.3 (MW269)	468 (MW242) – 43,759 (MW125)	6.83 (MW141) –8.00 (MW233)	0.26 (MW199) – 7.72 (MW224)	-259.4 (MW199) – -21.5 (MW193)
March 2024	19.1 (MW233) – 26.8 (MW139)	303 (MW233) – 50,440 (MW125)	6.92 (MW141) – 10.90 (MW257)	0.28 (MW127) – 5.00 (MW217)	-303.5 (MW127) – 142.3 (MW289)
June 2024	16.2 (MW243) – 21.9 (MW173)	285 (MW233) – 53,365 (MW195D)	6.93 (MW141) – 8.27 (MW233)	0.27 (MW125) – 5.79 (MW193)	-267.1 (MW227) – 528.0 (MW158)
December 2024	19.7 (MW233) – 27.3 (MW195D)	433 (MW245) – 41,372 (MW226)	6.73 (MW256) – 7.71 (MW257)	0.24 (MW199) – 5.69 (MW217)	-263.4 (MW199) – -2.1 (MW282)
March 2025	20.3 (MW216) – 30.5 (MW149)	374 (MW255) – 44,826 (MW125)	7.02 (MW126) – 8.00 (MW255)	0.37 (MW199) – 6.71 (MW217)	-280.1 (MW126) – 100.3 (MW166)
June 2025	18.1 (MW149) – 24.2 (MW242)	308 (MW233) – 63,112 (MW127)	6.67 (MW139) – 9.01 (MW240)	0.95 (MW255) – 27.3 (MW120)*	-635.2 (MW173) – 117.3 (MW258)
September 2025	15.3 (MW233) – 22.9 (MW173)	225 (MW257) – 39,413 (MW126)	6.95 (MW126) – 8.38 (MW257)	0.92 (MW124) – 11.77 (MW233)	-211.1 (MW126) – -41.9 (MW225)

*The June 2025 Sampling Event Report (GHD, 2025e) noted that DO concentrations recorded during the monitoring event were generally elevated with respect to prior recent data. This was considered to potentially represent a fault with the YSI, although the supplier's calibration certificate indicated acceptable calibration and condition of the unit at commencement of fieldwork.

Consistent with the SAQP (Stantec, 2023; GHD, 2025b), groundwater samples were collected using HydraSleeve™ or low flow peristaltic pump to minimise turbidity. Samples were not filtered; therefore, PFAS concentrations represent total concentrations. Field observations indicated turbidity was generally low to moderate across monitoring events. PFAS concentrations were consistent with the historical dataset indicating no clear particulate associated influence.

Results are therefore conservatively interpreted as total PFAS concentrations; however, minor contributions from particulate-associated PFAS (particularly PFOS and PFHxS) cannot be excluded where elevated turbidity was observed. Any outliers identified in the dataset across the monitoring period are discussed further in Section 7.2.2.

Overall, the groundwater quality recorded during the monitoring period was comparable to historical monitoring events, being of variable acidity, low to moderately oxygenated and fresh to highly saline, depending on factors such as the proximity of the monitoring location to the coastline.

6.1.2 Surface water quality

Surface water field observations and parameters recorded during the monitoring period are provided in Table C2, Appendix C and are summarised in Table 18 and Table 19 respectively.

Table 18 Summary of surface water field observations

Monitoring event	Field observations
December 2023	Clear, no odour.
March 2024	Generally clear with no odour.
June 2024	Clear.
December 2024	Clear, no odour, no sheen, no sediment. Seaweed observed at SW305.
March 2025	Generally clear, slightly salty / organic odour, low turbidity and low sediment load. High turbidity and high sediment load with dense organic matter were observed SW130, SW132 and SW134.
June 2025	Generally clear with no odour or sheen.
September 2025	Generally clear, no odour, no sheen, no turbidity and low sediment load. Abundant organic matter and/or high sediment load observed at SW130, SW305, SW371, SW372 and SW373.

Table 19 Summary of surface water field parameters

Monitoring event	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	ORP (mV)
December 2023	22.3 (SW130) – 34.1 (SW410)	52,031 (SW372) – 59,200 (SW410)	7.96 (SW371) – 8.40 (SW410)	3.23 (SW319) – 6.86 (SW410)	–
March 2024	21.3 (SW406) – 26.6 (SW311)	30,872 (SW384) – 62,033 (SW130)	6.88 (SW353) – 8.17 (SW152)	1.04 (SW370) – 7.40 (SW311)	–
June 2024	14.3 (SW130/SW132) – 20.0 (SW156)	48,695 (SW134) – 56,378 (SW319)	7.74 (SW130) – 8.13 (SW353)	2.95 (SW130) – 8.99 (SW408)	-110.4 (SW414) – 101.9 (SW370)
December 2024	22.8 (SW353) – 31.7 (SW410)	52,210 (SW317) – 55,296 (SW134)	7.80 (SW310) – 8.21 (SW410)	0.74 (SW318) – 5.20 (SW317)	-147.9 (SW305) – 162.0 (SW317)
March 2025	20.9 (SW408) – 28.8 (SW410)	54,534 (SW318) – 55,919 (SW372)	7.38 (SW406) – 8.19 (SW416)	3.57 (SW410) – 7.19 (SW408)	23.9 (SW372) – 136.7 (SW408)
June 2025	17.5 (SW319) – 21.9 (SW383)	29,658 (SW309) – 54,158 (SW383)	7.74 (SW130) – 8.88 (SW150)	8.75 (SW310) – 15.6 (SW383)	-469.5 (SW318) – -53.6 (SW383)
September 2025	14.8 (SW406) – 22.0 (SW370)	34,005 (SW416) – 53489 (SW310)	7.90 (SW371) – 8.19 (SW134)	4.72 (SW373) – 21.03 (SW382)	-182.7 (SW311) – 56.9 (SW353)

Overall, surface water quality recorded during the monitoring period was comparable to historical monitoring events, being generally neutral to alkaline, low to moderately oxygenated and saline.

6.1.3 Porewater quality

Porewater field observations and parameters recorded during the monitoring period are provided in Table C3, Appendix C and are summarised in Table 20 and Table 21 respectively.

Table 20 Summary of porewater field observations

Monitoring event	Field observations
December 2023	Generally clear with no odour.
March 2024	Generally clear, except PW357, PW411 and PW412 where water was observed to be cloudy and black/brown.
June 2024	Generally clear.
December 2024	Generally clear with a low to moderate sediment and no odour or sheen.
March 2025	Generally clear with no or low sediment and no odour or sheen.
June 2025	Generally clear with a saltwater odour, low sediment, low turbidity and no sheen.
September 2025	Generally clear with low sediment, no turbidity, no odour or sheen.

Table 21 Summary of porewater field parameters

Monitoring event	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	ORP (mV)	TDS (mg/L)
December 2023	22.1 (PW330) – 27.8 (PW315)	7,042 (PW346) – 65,173 (PW306)	4.61 (PW369) – 8.07 (PW411)	0.14 (PW368) – 5.34 (PW378)	Not recorded	Not recorded
March 2024	20.7 (PW335/PW380) – 26.2 (PW341)	41,298 (PW407) – 65,187 (PW364)	6.98 (PW345) – 8.06 (PW381)	0.10 (PW335) – 6.02 (PW308)	Not recorded	Not recorded
June 2024	14.4 (PW345) – 20.8 (PW358)	24,361 (PW374) – 54,204 (PW308)	7.49 (PW316) – 8.07 (PW351)	3.49 (PW363) – 7.46 (PW356)	-110.5 (PW340) – 107.5 (PW369)	Not recorded
December 2024	22.1 (PW401) – 29.7 (PW407)	5,530 (PW409) – 63,008 (PW345)	7.17 (PW368) – 7.99 (PW358)	0.47 (PW357) – 7.81 (PW352)	-225.1 (PW367) – 174.3 (PW375)	20,366 (PW346) – 40,972 (PW345)
March 2025	22.9 (PW374) – 30.4 (PW304)	1,229 (PW368) – 63,354 (PW357)	7.06 (PW346) – 8.17 (PW415)	0.88 (PW346) – 25.40 (PW378)	-158.8 (PW346) – 121.5 (PW350)	799 (PW368) – 41,152 (PW357)
June 2025	15.8 (PW405) – 21.4 (PW352)	16,653 (PW346) – 57,163 (PW329)	7.13 (PW369) – 9.72 (PW356)	6.66 (PW346) – 15.60 (PW329)	-461.9 (PW375) – -50.2 (PW401)	10,803 (PW346) – 36,258 (PW350)
September 2025	13.6 (PW340) – 17.8 (PW351)	10,486 (PW346) – 53,282 (PW380)	7.05 (PW367) – 8.05 (PW308)	0.18 (PW341) – 8.56 (PW335)	-227.0 (PW367) – 56.2 (PW350)	6,823 (PW346) – 35,609 (PW380)

Overall, the porewater quality recorded during the monitoring period was comparable to historical monitoring events, being generally neutral to slightly alkaline, low to moderately oxygenated and brackish to saline.

6.1.4 Tidal condition

While the SAQPs did not specify tidal conditions for sampling, porewater and coastal groundwater sampling locations were targeted for sampling within a two-hour window (±1 hour) around predicted low, outgoing tides. This timing represents the optimal condition for groundwater discharge to the marine environment. Consistent with this approach, the DSI (RPS, 2018a) identified a strong correlation between groundwater levels and transient tidal conditions. This timing represents optimal condition for groundwater discharge to the marine environment. Given the local tidal range of approximately 1.1 to 1.4 m at Fremantle, expected to influence coastal groundwater levels and porewater exchange, particularly within nearshore and seepage zones.

For each porewater location and selected groundwater monitoring wells proximal to the coastline[3], the recorded sampling time was compared to the predicted low tide time on the respective sampling date. Tidal data was sourced from the Bureau of Meteorology (BOM) National Tidal Centre (Bureau of Meteorology, 2023-2025) for Fremantle, located approximately 12 km northeast of the base.

Samples were classified as compliant if conducted ±1 hour before/after low or outgoing tide; otherwise, it was deemed non-compliant. Where events occurred slightly beyond this threshold, but tidal influence remained partially relevant, locations were designated as partially compliant, acknowledging reduced alignment with the intended tidal condition. Sampling time predicted low-tide conditions, calculated deviation from low tide, tidal phase, and compliance classification for each location are summarised in Appendix D, with classification criteria defined in the accompanying table notes.

Appendix D also present recorded total dissolved solids (TDS), where available, and electrical conductivity (EC) data for porewater and groundwater monitoring locations (respectively), together with a qualitative assessment of sample composition with respect to seawater and groundwater mixing. This assessment is based on TDS and EC values and the typical salinity of seawater described in (ANZG, 2018). On this basis, 224 of the 257 porewater samples (87%) for which TDS and/or EC data were available are interpreted to comprise seawater or predominantly seawater. In contrast, a smaller proportion of the selected coastal groundwater locations (57%) were interpreted to comprise predominantly seawater. The potential influence of sample timing within the tidal cycle on the recorded PFAS concentrations is discussed further in Section 7.2.1.

6.1.5 Groundwater elevation and flow direction

Measured groundwater elevations throughout the monitoring period ranged from -0.913 m AHD (MW139) to 0.31 m AHD (MW113) and are presented graphically in Appendix H.

Inferred groundwater contours for the December 2024 to September 2025 sampling events are presented as Figure 8 to Figure 11 in Appendix A. Groundwater contours inferred by Stantec for the December 2023 to June 2024 sampling events are presented in the Sampling Event Reports SERs in Appendix J. All sampling events throughout the monitoring event generally identified radial groundwater flow towards the coast, with inward flow and mounding in some areas, likely as a result of tidal influence.

6.1.6 Sediment samples

A summary of sediment field observations recorded over the monitoring period (December 2023 to September 2025) is presented in Table 22.

[3] MW124, MW125, MW126, MW127, MW142, MW149, MW200, MW226, MW227, MW228 and MW468

Table 22 Summary of sediment field observations

Monitoring event	Field observations
December 2023	Generally beige, fine to medium grained, wet sand.
March 2024	Generally yellow, fine to medium grained, wet sand.
June 2024	Generally grey/light brown, fine to medium grained, wet sand.
December 2024	Generally grey or yellow, fine to medium gained sand.
March 2025	Generally moist to saturated, pale yellow to light brown/grey, fine to medium grained beach sand. Locations with large seaweed deposits on the beach were found to have organic matter (i.e., decaying seaweed) present within the sediment samples. A slight organic odour was notified at these locations.
June 2025	Generally moist to saturated, pale yellow to light brown/grey, fine to medium grained beach sand. Locations with large seaweed deposits on the beach were found to have organic matter (i.e., decaying seaweed) present within the sediment samples.
September 2025	Generally moist to saturated, pale brown to grey, fine to medium sand, subangular to subrounded and poorly graded with occasional shell fragments or organic material.

6.2 Analytical results

Analytical results for groundwater, surface water, porewater and sediment over the monitoring period (December 2023 to September 2025), as well as associated historical data, are compared to the adopted guideline values in Tables C4 to C7, Appendix C.

The concentrations of key PFAS compounds measured in the December 2024 to June 2025 sampling events are also summarised as Figure 8 to Figure 31 in Appendix A. Graphical summaries of the concentrations recorded by Stantec for the December 2023 to June 2024 sampling events are presented in the Sampling Event Reports SERs in Appendix J.

7. Data assessment

Analytical results have been compared to the performance measures detailed in Section 5.1. Data tables and associated performance measures are provided as follows:

– Appendix C: Screening assessment tables
– Appendix D: Tidal condition summary tables for porewater 'receptor' locations (sample times, tidal conditions, and total PFAS concentrations)
– Appendix E: Trend assessment – Time series graphs, including
  - Screening assessment graphs for all monitoring locations within each source area and pathway locations.
  - Mann-Kendall and linear regression analysis plots, for groundwater locations where a significant trend has been identified.
– Appendix F: Trend assessment – Box and whisker plots for all groundwater, surface water, and porewater locations where a new maximum or minimum was identified during the monitoring period.
– Appendix G: Tabular summary of all trend assessment outcomes.

The outcomes of this assessment, including screening tables (in Appendix C, Table 23 and Table 24) and trend analyses (Appendix E, Appendix F, Appendix G), are discussed herein and form the basis for interpretation of spatial and temporal trends and their implications for the base risk profile.

7.1 Screening assessment results

PFAS concentrations above the adopted screening criteria during the monitoring period are presented in Table 23 (groundwater) and Table 24 (porewater and surface water). New maximums and first-time concentrations are summarised in Table 25 (groundwater) and Table 26 (porewater and surface water).

The screening assessment identified that results during the monitoring period were generally consistent with the historical dataset, with the following exceptions:

– Most groundwater monitoring locations are now identified as exceeding the revised ADWG (NHMRC, 2011, updated 2025) for PFOS; however, exceedances arise primarily due to the reduction in the ADWG value, rather than a material increase in concentrations.
– The LOR (0.01 µg/L) applied at selected locations and sampling events within areas classified as 'source' and 'pathway' (detailed in Section 5.1.1) was also higher than the revised ADWG value for PFOS (0.008 µg/L). The adopted LOR was revised during the monitoring period; however, the revised ADWG value remains below the LOR nominated in the OMP (RPS, 2018c) and has been applied since completion of the DSI (RPS, 2018a). Exceedances of the recreational water use guideline values (HEPA, 2026) in surface water and porewater were limited to the following locations:
– Surface water location SW382, associated with the WWTP, in December 2023, when the detected PFOS (2.29 µg/L) and PFOS+PFHxS (2.54 µg/L) concentrations exceeded the guideline value of 2 µg/L. PFAS has only been detected at this location on one other occasion historically, in August 2021, and was not detected above the applied LOR (0.01 µg/L) on any subsequent sampling event during the monitoring period. PFAS concentrations in surface water above the recreational guideline value are therefore considered spatially and temporally isolated.
– Porewater location PW346, associated with the accommodation area, in December 2023, when the detected PFOS (3.57 µg/L) and PFOS+PFHxS (3.63 µg/L) concentrations exceeded the ecological guideline value (0.2 µg/L) and recreational guideline value (2 µg/L). This finding is consistent with historical data. It is also noted that PFAS concentrations in porewater are unlikely to be representative of exposure point concentrations for recreational water use, given the PFAS are expected to be subjected to dispersion and dilution upon discharge to surface water.

These changes are not, however, considered indicative of a change in the risk profile for PFAS in groundwater, surface water or porewater in the monitoring area, noting that:

– The exceedances of the ADWG values and the LOR applied for PFOS are not considered indicative of a change in the base risk profile however, noting that groundwater is not abstracted on the base for potable use (GHD, 2025b).
– PFOS concentrations in surface water and porewater at a limited number of locations associated with the WWTP, Accommodation Area, Fire Training Area, Demolition Ground and Dredged Sediments source areas were greater than the adopted ANZG freshwater ecological guideline value (0.02 µg/L, ANZG, 2026). The significance of these guideline value exceedances is discussed further in Section 7.3.

While new maximum concentrations were observed at several groundwater, porewater and surface water locations throughout the monitoring period, these generally did not represent first-time detections or first-time guideline value exceedances for the locations and therefore, are not considered indicative of a material change in the risk profile of the base.

Table 23 Summary of exceedances over the monitoring period (groundwater)

Monitoring event	Monitoring zone	ADWG - Health (2025) – PFOS (0.008 µg/L)[1]	ADWG – Health (2025) – PFHxS (0.03 µg/L)	ADWG – Health (2025) – PFBS (1 µg/L)	ADWG – Health (2025) – PFOA (0.2 µg/L)
December 2023	**Source**				
	Fire Training Area	MW109, MW112, MW120, MW121, MW123, MW128, MW500	MW109, MW112, MW120, MW121, MW500	MW500	MW112, MW123, MW500
	Demolition Ground	MW139, MW141, MW147	MW141	-	MW141
	WWTP	MW173, MW193, MW195D	MW173, MW193	-	-
	Helicopter Support Facility (HSF)	MW215, MW216, MW217, MW220, MW224, MW282	MW216, MW220, MW282	MW282	MW217, MW282
	Accommodation Area	MW289	-	-	-
	Dredged Sediments	MW268, MW269	MW268, MW269	-	-
	AVCAT Storage Area and Fuel Farm	MW233, MW236, MW238, MW239, MW240, MW242, MW243, MW245	MW233, MW236, MW240	-	MW236
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW255, MW256, MW257, MW258, MW259	MW255, MW256, MW257, MW258, MW259	MW256	MW256, MW258
	Pathway				
	Fire Training Area	MW124, MW125, MW126, MW127	MW125	-	-
	Demolition Ground	MW142, MW149	MW142	-	-
	WWTP	MW158, MW166, MW171, MW199, MW200, MW202, MW203	MW166, MW171, MW203	-	-
	HSF	MW214, MW225, MW226, MW227, MW228	MW228	-	MW228
	Accommodation Area	MW288	-	-	-
	AVCAT Storage Area and Fuel Farm	MW249, MW496, MW516	MW249	-	-

Monitoring event	Monitoring zone	ADWG - Health (2025) – PFOS (0.008 µg/L)[1]	ADWG – Health (2025) – PFHxS (0.03 µg/L)	ADWG – Health (2025) – PFBS (1 µg/L)	ADWG – Health (2025) – PFOA (0.2 µg/L)
March 2024	**Source**				
	Fire Training Area	MW109, MW112, MW120, MW121, MW123, MW128, MW500	MW109, MW112, MW120, MW121, MW123, MW128, MW500	-	MW112, MW121, MW123, MW500
	Demolition Ground	MW139, MW141, MW147	MW141	-	MW141
	WWTP	MW173, MW193, MW195S, MW195D	MW173, MW193	-	MW193
	HSF	MW215, MW216, MW217, MW220, MW224, MW282	MW215, MW216, MW282	MW282	MW282
	Accommodation Area	MW289	MW289	-	-
	Dredged Sediments	MW268, MW269	MW268, MW269	-	-
	AVCAT Storage Area and Fuel Farm	MW233, MW236, MW238, MW239, MW240, MW242, MW243, MW245	MW236, MW240, MW243	-	MW236
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW255, MW256, MW257, MW258, MW259	MW255, MW256, MW257, MW258, MW259	MW256	MW256, MW258
	Pathway				
	Fire Training Area	MW124, MW125, MW126, MW127	MW125	-	-
	Demolition Ground	MW142, MW149	MW142	-	MW142
	WWTP	MW158, MW161, MW166, MW171, MW196, MW199, MW200, MW202, MW203	MW161, MW166, MW171, MW203	-	-
	HSF	MW214, MW225, MW226, MW227, MW228	MW228	-	MW228
	AVCAT Storage Area and Fuel Farm	MW249, MW496, MW516	MW496, MW516	-	-
June 2024	**Source**				
	Fire Training Area	MW109, MW112, MW120, MW121, MW123, MW128, MW500	MW109, MW112, MW120, MW121, MW123, MW500	-	MW112, MW500
	Demolition Ground	MW139, MW141, MW147	MW141, MW147	-	MW141
	WWTP	MW173, MW193, MW195S, MW195D	MW173	-	-

Monitoring event	Monitoring zone	ADWG - Health (2025) – PFOS (0.008 µg/L)[1]	ADWG – Health (2025) – PFHxS (0.03 µg/L)	ADWG – Health (2025) – PFBS (1 µg/L)	ADWG – Health (2025) – PFOA (0.2 µg/L)
	HSF	MW215, MW216, MW217, MW220, MW224	MW215, MW216, MW220	-	-
	Accommodation Area	MW289	MW289	-	-
	Dredged Sediments	MW268, MW269	MW268, MW269	-	-
	AVCAT Storage Area and Fuel Farm	MW233, MW238, MW239, MW240, MW243, MW245	MW238, MW239,	-	-
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW255, MW256, MW257, MW258, MW259	MW256, MW257, MW258, MW259	MW256, MW258	MW256, MW258
	Pathway				
	Fire Training Area	MW124, MW125, MW126, MW127	-	-	-
	Demolition Ground	MW142, MW149	MW142	-	-
	WWTP	MW158, MW166, MW171, MW199, MW200, MW202, MW203, MW468	MW166, MW171, MW203	MW171	MW171
	HSF	MW214, MW225, MW226, MW227, MW228	MW228	-	MW228
	Accommodation Area	MW288	MW288	-	-
	AVCAT Storage Area and Fuel Farm	MW249, MW496, MW516	MW249, MW496, MW516	-	-
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW010, MW553	-	-	-
December 2024	**Source**				
	Fire Training Area	MW109, MW112, MW120, MW121, MW123, MW128, MW500	MW109, MW112, MW120, MW121, MW123, MW128, MW500	-	MW112
	Demolition Ground	MW139, MW141, MW147	MW141, MW147	-	MW141
	WWTP	MW173, MW193, MW195D	MW173, MW193	-	-
	HSF	MW215, MW216, MW217, MW220, MW224	MW215, MW216, MW217, MW220	-	MW217
	Accommodation Area	MW289	MW289	-	-
	Dredged Sediments	MW268, MW269	MW268	-	-
	AVCAT Storage Area and Fuel Farm	MW233, MW236, MW238, MW239,	MW233, MW238, MW243	-	-

Monitoring event	Monitoring zone	ADWG - Health (2025) – PFOS (0.008 µg/L)[1]	ADWG – Health (2025) – PFHxS (0.03 µg/L)	ADWG – Health (2025) – PFBS (1 µg/L)	ADWG – Health (2025) – PFOA (0.2 µg/L)
		MW240, MW242, MW243, MW245			
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW255, MW256, MW257, MW258, MW259	MW255, MW256, MW257, MW258	MW256, MW258	MW256, MW258
	Pathway				
	Fire Training Area	MW124, MW125, MW126, MW127	MW125	-	-
	Demolition Ground	MW142, MW149	MW142	-	-
	WWTP	MW158, MW161, MW166, MW171, MW196, MW199, MW200, MW203, MW468	MW166, MW171	MW171	MW171
	HSF	MW214, MW225, MW226, MW227, MW228	-	-	-
	Accommodation Area	MW288	-	-	-
	AVCAT Storage Area and Fuel Farm	MW249, MW496, MW516	MW249, MW496, MW516	-	-
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW010, MW553	MW010, MW553	-	-
March 2025	**Source**				
	Fire Training Area	MW109, MW112, MW120, MW121, MW123, MW128, MW500	MW109, MW112, MW120, MW121, MW123, MW500	-	MW112, MW120, MW500
	Demolition Ground	MW139, MW141, MW147	MW141, MW147	-	MW141
	WWTP	MW173, MW193, MW195D	MW173, MW193	-	MW193
	HSF	MW215, MW216, MW217, MW220, MW224	MW215, MW216, MW220	-	-
	Accommodation Area	MW289	MW289	-	-
	Dredged Sediments	MW268, MW269	MW268, MW269	-	-
	AVCAT Storage Area and Fuel Farm	MW233, MW236, MW238, MW240, MW242, MW243, MW245	MW236, MW240, MW243	-	MW236
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW255, MW256, MW257, MW258, MW259	MW255, MW256, MW257, MW258, MW259	MW256, MW258	MW256, MW258
	Pathway				

Monitoring event	Monitoring zone	ADWG - Health (2025) – PFOS (0.008 µg/L)[1]	ADWG – Health (2025) – PFHxS (0.03 µg/L)	ADWG – Health (2025) – PFBS (1 µg/L)	ADWG – Health (2025) – PFOA (0.2 µg/L)
	Fire Training Area	MW124, MW125, MW126, MW127	MW125	-	-
	Demolition Ground	MW142, MW149	MW142	-	-
	WWTP	MW158, MW161, MW166, MW171, MW199, MW200, MW202, MW203, MW468	MW161, MW166, MW171, MW203	MW171	MW171
	HSF	MW214, MW225, MW226, MW227, MW228	MW228	-	MW228
	Accommodation Area	MW288	-	-	-
	AVCAT Storage Area and Fuel Farm	MW249, MW496, MW516	MW249, MW496, MW516	-	-
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW010, MW553	-	-	-
June 2025	**Source**				
	Fire Training Area	MW109, MW112, MW120, MW121, MW123, MW128, MW500	MW109, MW112, MW120, MW121, MW123, MW500	-	MW112, MW500
	Demolition Ground	MW139, MW141, MW147	MW141, MW147	-	MW141
	WWTP	MW173, MW193, MW195D	MW173, MW193	-	MW193
	HSF	MW215, MW216, MW217, MW220, MW224, MW282	MW215, MW216, MW220, MW282	MW282	MW217, MW282
	Accommodation Area	MW289	MW289	-	-
	Dredged Sediments	MW268, MW269	MW268, MW269	-	-
	AVCAT Storage Area and Fuel Farm	MW233, MW236, MW238, MW240, MW242, MW243, MW245	MW236, MW238, MW240	-	MW236
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW255, MW256, MW257, MW258, MW259	MW255, MW256, MW257, MW258, MW259	MW256, MW258	MW256, MW258
	Pathway				
	Fire Training Area	MW124, MW125, MW126, MW127	MW125	-	-
	Demolition Ground	MW142, MW149	MW142	-	-
	WWTP	MW158, MW161, MW166, MW171, MW199, MW200,	MW161, MW166, MW171, MW203	MW171	MW166, MW171

Monitoring event	Monitoring zone	ADWG - Health (2025) – PFOS (0.008 µg/L)[1]	ADWG – Health (2025) – PFHxS (0.03 µg/L)	ADWG – Health (2025) – PFBS (1 µg/L)	ADWG – Health (2025) – PFOA (0.2 µg/L)
		MW202, MW203, MW468			
	HSF	MW214, MW225, MW226, MW227, MW228	MW228	-	MW228
	Accommodation Area	MW288	MW288	-	-
	AVCAT Storage Area and Fuel Farm	MW249, MW496, MW516	MW249, MW496, MW516	-	-
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW010, MW553	MW010	-	-
September 2025	**Source**				
	Fire Training Area	MW109, MW112, MW120, MW121, MW123, MW128, MW500	MW109, MW112, MW120, MW121, MW123, MW128, MW500	-	MW112, MW120, MW500
	Demolition Ground	MW139, MW141, MW147	MW141, MW147	-	MW141
	WWTP	MW173, MW195D	MW173	-	-
	Helicopter Support Facility (HSF)	MW215, MW216, MW217, MW220, MW224, MW282	MW215, MW216, MW217, MW220, MW282	-	MW217, MW282
	Accommodation Area	MW289	MW289	-	-
	Dredged Sediments	MW268, MW269	MW268, MW269	-	-
	AVCAT Storage Area and Fuel Farm	MW233, MW236, MW238, MW239, MW240, MW242, MW243, MW245	MW236, MW240, MW243	-	MW236
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW255, MW256, MW257, MW258, MW259	MW255, MW256, MW257, MW258	MW256	MW256
	Pathway				
	Fire Training Area	MW124, MW125, MW126, MW127	MW125	-	
	Demolition Ground	MW142, MW149	MW142	-	-
	WWTP	MW161, MW166, MW171, MW196, MW199, MW200, MW202, MW203, MW468	MW161, MW166, MW171, MW203	MW171	MW171
	HSF	MW214, MW225, MW226, MW227, MW228	MW228	-	MW228
	Accommodation Area	MW288	MW288	-	-

Monitoring event	Monitoring zone	ADWG - Health (2025) – PFOS (0.008 µg/L)[1]	ADWG – Health (2025) – PFHxS (0.03 µg/L)	ADWG – Health (2025) – PFBS (1 µg/L)	ADWG – Health (2025) – PFOA (0.2 µg/L)
	AVCAT Storage Area and Fuel Farm	MW496, MW516	MW496, MW516	-	-
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW010, MW553	MW010	-	-

Table Notes:

[1]PFOS concentrations reported below the standard LOR (<0.01 µg/L) have been considered as exceeding the ADWG value.

'–' denotes the adopted guideline value was not exceeded.

Table 24 *Summary of adopted guideline value exceedances for December 2023 – September 2025 sampling events (surface water and porewater)*

Monitoring event	Monitoring zone	ANZG (2026) 99% species protection – PFOS (0.02 µg/L)	NEMP (2025) Recreational - PFOS+PFHxS (2 µg/L)	NEMP (2025) Recreational – PFOA (10 µg/L)	NEMP (2025) 99% species protection – PFOA (19 µg/L)
December 2023	**Pathway**				
	WWTP	PW345, PW352, PW368,			
	Accommodation Area	PW346	PW346	-	-
	Receptor				
	Fire Training Area	SW132	-	-	-
	WWTP	SW372, SW373, SW382	SW382	-	-
March 2024	**Pathway**				
	WWTP	PW304, PW367, PW368,			
	Receptor				
	Demolition Ground	SW156	-	-	-
	WWTP	SW305, SW371, SW372, SW373	-	-	-
June 2024	**Pathway**				
	Fire Training Area	PW363	-	-	-
	WWTP	PW304, PW369	-	-	-
	Accommodation Area	PW346	-	-	-
	Dredged Sediments	PW375, PW378	-	-	-
	Receptor				
	WWTP	SW373	-	-	-
December 2024	**Pathway**				
	Fire Training Area	PW340	-	-	-
	WWTP	PW304, PW345, PW367, PW368, PW369,	-	-	-
	Accommodation Area	PW346	-	-	-

Monitoring event	Monitoring zone	ANZG (2026) 99% species protection – PFOS (0.02 µg/L)	NEMP (2025) Recreational - PFOS+PFHxS (2 µg/L)	NEMP (2025) Recreational – PFOA (10 µg/L)	NEMP (2025) 99% species protection – PFOA (19 µg/L)
March 2025	**Pathway**				
	WWTP	PW304, PW368, PW369,	-	-	-
	Accommodation Area	PW346	-	-	-
June 2025	**Pathway**				
	WWTP	PW350, PW368	-	-	-
	Accommodation Area	PW346	-	-	-
September 2025	**Pathway**				
	Accommodation Area	PW346	-	-	-
	Receptor				
	WWTP	SW371, SW372, SW373	-	-	-

Table notes:
'–' denotes the adopted guideline value was not exceeded.

Table 25 ***Summary of new maximum concentrations and first-time detections for December 2023 – September 2025 sampling events (groundwater)***

Monitoring event	Monitoring zone	Location	PFAS Compound	New maximum concentration (µg/L)	First time detection?	New exceedance of human health guideline value?
December 2023	**Source**					
	Fire Training Area	MW123	PFBS	0.5	No	No
		MW500	PFBS	1.68	No	No
March 2024	**Source**					
	WWTP	MW193	PFOA	0.85	No	No
June 2024	**Source**					
	Dredged Sediments	MW269	PFHxS	0.79	No	No
	AVCAT Storage Area and Fuel Farm	MW238	PFHxS	0.14	No	No
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW256	PFBS	6.66	No	No
		MW257	PFHxS	1.61	No	No
		MW258	PFBS	10.9	No	No
			PFHxS	29.5	No	No
			PFOA	1.55	No	No
	Source					

Monitoring event	Monitoring zone	Location	PFAS Compound	New maximum concentration (µg/L)	First time detection?	New exceedance of human health guideline value?
December 2024	Fire Training Area	MW500	PFOS	61.6	No	No
	HSF	MW215	PFOS	0.04	No	No
		MW217	PFOS	1.05	No	No
			PFOA	0.57	No	No
	Dredged Sediments	MW268	PFBS	0.3	No	No
		MW269	PFOA	0.03	No	No
	AVCAT Storage Area and Fuel Farm	MW243	PFHxS	0.16	No	No
	Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage	MW258	PFOS	11.1	No	No
	Pathway					
	WWTP	MW171	PFOS	2.55	No	No
	AVCAT Storage Area and Fuel Farm	MW496	PFOS	8.18	No	No
	Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage	MW553	PFHxS	0.06	No	Yes
March 2025	**Source**					
	Fire Station, Flammable / Hazardous Goods and Waste Storage Ship Sullage	MW257	PFOS	0.41	No	No
			PFOA	0.13	No	No
	Pathway					
	Fire Training Area	MW125	PFBS	0.31	No	No
			PFHxS	1.14	No	No
	WWTP	MW166	PFBS	0.11	No	No
		MW171	PFOA	0.44	No	No
June 2025	**Source**					
	HSF	MW215	PFBS	0.57	No	No
			PFHxS	2.62	No	No
			PFOA	0.08	No	No
	Accommodation Area	MW289	PFBS	0.13	No	No

Monitoring event	Monitoring zone	Location	PFAS Compound	New maximum concentration (µg/L)	First time detection?	New exceedance of human health guideline value?
	Dredged Sediments	MW268	PFHxS	0.85	No	No
	Pathway					
	WWTP	MW166	PFHxS	2.52	No	No
			PFOA	0.24	No	Yes
		MW171	PFHxS	6.95	No	No
			PFOS	2.65	No	No
	HSF	MW228	PFBS	0.46	No	No
			PFOS	0.03	No	No
September 2025	**Source**					
	Fire Training Area	MW120	PFOA	2.32	No	No
	HSF	MW220	PFBS	0.36	No	No
	Pathway					
	Fire Training Area	MW127	PFHxS	0.03	No	No
			PFOS	0.02	No	No
	HSF	MW228	PFHxS	1.00	No	No
			PFOA	0.35	No	No

Table notes:
'–' denotes the adopted guideline value was not exceeded.

Table 26 ***Summary of new maximum concentrations and first-time detections for December 2023 – September 2025 sampling events (surface water and porewater)***

Monitoring event	Monitoring zone	Location	PFAS Compound	New maximum concentration (µg/L)	First time detection?	New exceedance of ecological guideline value?
December 2023	**Receptor**					
	Fire Training Area	SW132	PFOS	0.1	No	No
	WWTP	SW382	PFBS	0.03	Yes	No
			PFHxS	0.25	Yes	No
			PFOA	0.06	Yes	No
			PFOS	2.29	No	Yes
	HSF	SW410	PFHxS	0.02	Yes	No
	Dredged Sediments	SW317	PFOS	0.02	No	Yes[1]
March 2024	**Receptor**					
	Demolition Ground	SW150	PFHxS	0.02	Yes	No
			PFOS	0.02	No	No
		SW156	PFOS	0.04	Yes	Yes[1]

Monitoring event	Monitoring zone	Location	PFAS Compound	New maximum concentration (µg/L)	First time detection?	New exceedance of ecological guideline value?
	WWTP	SW305	PFHxS	0.04	No	No
			PFOS	0.75	No	No
June 2024	**Pathway**					
	Dredged Sediments	PW375	PFOS	0.68	No	No
December 2024	**Pathway**					
	HSF	PW405	PFBS	0.02	Yes	No
			PFHxS	0.06	No	No
			PFOA	0.01	Yes	No
March 2025	**Pathway**					
	HSF	PW405	PFBS	0.08	No	No
			PFHxS	0.16	No	No
			PFOA	0.08	No	No
	Dredged Sediments	PW375	PFHxS	0.02	Yes	No
		PW378	PFBS	0.02	No	No
June 2025	**Pathway**					
	HSF	PW407	PFBS	0.04	Yes	No
September 2025	No new maximum concentrations or first-time detections					

New maximum concentrations, first-time detections and criterion exceedances are used as screening indicators only and are interpreted in conjunction with trend analysis, historical concentration ranges, spatial distribution and receptor exposure pathways. These factors do not, in isolation, indicate a material change in plume behaviour or the PFAS risk profile.

7.2 Trend assessment results

7.2.1 Overview

The trend assessment for PFAS concentrations at the base encompasses both the current and historical datasets for groundwater, surface water and porewater (GHD, 2025c; GHD, 2025d; GHD, 2025e; Stantec, 2024a; Stantec, 2024c; Stantec, 2024b). Historical interpretive reports, including the DSIs (GHD, 2020; GHD, 2024a; GHD, 2025a) and OMR (Stantec, 2024d) were reviewed as part of this assessment.

The identification of new maximum concentration and first-time detections or exceedances (Table 25 and Table 26) provides contextual information to support interpretation of trends; however, the trend assessment focuses on temporal patterns across the full dataset, rather than individual sampling event results.

Trend analysis has been undertaken using a combination of Mann-Kendall statistical testing, linear regression and graphical presentation (i.e., box-and-whisker plots) to support a qualitative assessment of temporal trends in PFAS concentrations, noting that data quantity and reliability vary across the monitoring zones. In accordance with Section 5.1.2, duplicate sample pairs are represented by the maximum concentration, and results reported as less than the LOR are conservatively assigned a value equal to the LOR for the purpose of trend assessment.

The Mann-Kendall test is a non-parametric test used to assess the presence of monotonic trend and reports statistical significance as a p-value. In contrast, the linear regression output is the coefficient of determination (R^2), which describes the strength of fit of a linear relationship and does not represent a test of statistical significance. Differences in the trend assessment outcomes for Mann-Kendall and linear regression outputs are expected, as the methods evaluate different aspects of the dataset. Divergence is more likely where datasets include non-detects, low level results, variable reporting limits, or non-linear temporal patterns.

Box plots are used to characterise the distribution of concentrations over time (including median, range, and variability), enabling assessment of potential trends within the observed range of concentrations across the monitoring period.

The applied methods are intended to provide indicative screening of potential trends (i.e., general direction and magnitude) rather than predictive or inferential analysis. The trend assessment results have therefore been evaluated using a weight of evidence approach, with consideration of data variability, representativeness, and site-specific factors.

Tidal variability can influence data representativeness, as high tides can promote dilution and mixing of porewater with marine water, whilst low tides can concentrate localised inputs. Differences in tidal state at the time of sampling may therefore mask or exaggerate apparent changes in water quality, limiting comparability between sampling events and introducing uncertainty into trend assessments. To address the uncertainty that may be associated with tidal variability, porewater and coastal groundwater location sampling should occur within a two-hour window (+/- 1 hour) around predicted low, outgoing tides.

With reference to Section 6.1.4, some coastal groundwater and porewater locations were sampled outside of the recommended tidal window. This does not necessarily compromise the dataset but has been considered when interpreting temporal patterns in the following manner:

– Non-compliant samples have been retained in the dataset, for completeness.
– Increased uncertainty is associated with results collected outside the recommended tidal window; therefore, total PFAS concentrations for non-compliant samples were compared against the historical dataset to assess whether the concentrations remained within the historical range.

Overall, the historical dataset shows no clear correlation between detects, non-detects, and the time of sampling. PFAS concentrations recorded at individual porewater, and coastal groundwater monitoring locations were generally within the same order of magnitude regardless of the tide status at the time of sampling throughout the monitoring period. This indicates that where sampling was completed outside the tidal window, it is not considered to affect the reliability and outcome of this assessment (discussed further in the following sections).

7.2.2 Statistical assessment results

Time series plots for PFOS, PFHxS and PFOA at pathway and receptor monitoring locations are provided in Appendix E and form the basis of the statistical trend analysis, focusing on locations where concentration changes are more relevant to the base risk profile. Variability in source areas is considered expected and not necessarily indicative of risk in the absence of a defined pathway.

Appendix E also presents the Mann-Kendall and linear regression analyses for monitoring locations where a statistically significant trend identified by the Mann-Kendall test is supported by a consistent linear relationship based on linear regression. This approach is considered conservative as it requires both statistical significance and a consistent linear relationship, reducing the likelihood of identifying trends driven by short-term variability or non-linear behaviour.

Box and whisker plots are provided in Appendix F for all monitoring locations where a new maximum or minimum PFOS, PFHxS, PFOS+PFHxS, PFOA concentration were identified. These plots display the new maximum/minimum concentration in the context of the first quartile, median, third quartile and interquartile ranges of the datasets, such that the spread of the dataset and any outliers can be visually assessed.

The statistical assessment for all monitoring locations is summarised in Appendix G. This includes a summary of new maximum or minimum concentrations, R squared calculations (for linear regression), p-Value, average and standard deviation results (for Mann-Kendall analysis).

Mann-Kendall and linear regression assessment outcomes

Trend assessment was undertaken across the groundwater dataset using both Mann-Kendall and linear regression analysis to evaluate temporal changes in PFAS concentrations over the monitoring period. Monitoring locations where statistically significant increasing or decreasing trends were identified by the Mann-Kendall analysis are provided in Appendix E.

Table 27 provides a summary of groundwater locations and the strength of fit of the linear relationships. As noted in Section 7.2, trend assessment was not undertaken for surface water or porewater locations.

Table 27 Summary of groundwater locations with consistent linear relationships

Monitoring zone	Location ID	Analyte	Trend direction	Latest sample minimum (Date)		Latest sample maximum (Date)	
Source							
Fire Training Area	MW109	PFHxS	Decreasing	0.33	19/09/2025	17	18/10/2017
WWTP	MW195S	PFOA	Increasing	<0.001	08/08/2017	0.01	09/06/2021
AVCAT Storage Area and Fuel Farm	MW233	PFHxS	Decreasing	0.01	10/01/2022	0.21	08/08/2017
	MW245	PFOS	Decreasing	0.01	13/12/2024	0.62	04/08/2017
Pathway							
WWTP	MW161	PFOS + PFHxS	Decreasing	0.62	13/06/2024	16.8	08/01/2020
	MW171	PFOS + PFHxS	Increasing	0.01	10/06/2021	9.6	09/06/2025
	MW202	PFHxS	Decreasing	0.01	13/03/2023	0.1	18/09/2017
		PFOA	Increasing	0.001	19/10/2017	0.002	07/12/2017
Helicopter Support Facility	MW228	PFOS + PFHxS	Increasing	0.01	14/01/2020	1.0	16/09/2025
Accommodation Area	MW288	PFHxS	Decreasing	0.01	07/06/2023	1.3	15/11/2017
		PFOS	Decreasing	0.12	18/03/2025	12	15/07/2020
		PFOA	Decreasing	0.01	12/01/2022	0.12	15/07/2020

Box and whisker plots

Box and whisker plots are graphical tools that display the distribution of the data using the median and lower and upper quartiles (defined as the 25th and 75th percentiles), with the difference between the lower quartile and upper quartile termed the interquartile range. Data points are then typically identified as a statistical outlier to the dataset if they are more than 1.5 times above the third quartile or below the first quartile of a dataset

Box and whisker plots for all monitoring locations where a new maximum or minimum PFOS, PFHxS or PFOA concentration was identified are provided in Appendix F. A summary of the outcomes of the assessment is provided in Table 28.

Table 28 Box-and-whisker plot PFAS population summary – groundwater, porewater, and surface water

Monitoring zone	Media	Recent population[1] within historical range of population?	New minimum or maximum representative of an outlier?[2]
Source			
Fire Training Area	Groundwater	MW109 reported new minimum PFHxS, PFOS and PFHxS+PFOS concentrations	No
		MW120 reported a new maximum PFOA concentration	Yes
		MW121 reported a new minimum PFHxS concentration	No
		MW123 reported new minimum PFHxS and PFHxS+PFOS concentrations	No
		MW500 reported new minimum PFHxS and PFOA concentrations	Yes
Helicopter Support Facility	Groundwater	MW216 reported new minimum PFOA, PFHxS, and PFHxS+PFOS concentrations	Yes
Accommodation Area	Groundwater	MW289 reported a new minimum PFHxS concentration	Yes
ACVAT Storage Area and Fuel Farm (Source)	Groundwater	MW236 reported a new minimum PFHxS+PFOS concentration	Yes
Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage	Groundwater	MW258 reported a new minimum PFHxS concentration	Yes
		MW259 reported new minimum concentrations PFOS and PFHxS+PFOS concentrations.	No
Pathway			
Fire Training Area	Groundwater	MW127 reported new maximum PFOS, PFHxS and PFOS + PFHxS concentrations	Yes
	Porewater	PW364 reported new minimum PFHxS, PFOS, and PFHxS+PFOS concentrations.	Yes
Wastewater Treatment Plant	Groundwater	MW161 reported a new minimum PFOA concentration	Yes
Helicopter Support Facility	Groundwater	MW228 reported new maximum PFOA, PFHxS and PFHxS + PFOS concentrations	Yes
AVCAT Storage Area and Fuel Farm	Groundwater	MW496 reported new minimum PFOA, PFHxS, and PFHxS+PFOS concentrations	Yes

Table notes:

"-" denotes not applicable / no location in category

IQR = Inter quartile range, Refer to Appendix F for a schematic explanation of box and whisker plots, including the IQR.

[1]IQR outside of historical range that were reported non-detect (based on the lowered LOR in line with the revised ADWG (NHMRC, 2011, updated 2025) are not included

7.3 Discussion

Groundwater ('source', 'pathway', and 'receptor') monitoring locations were statistically assessed using Mann-Kendall trend analysis, linear regression analysis, and box and whisker plots. Surface water, porewater and sediment results were assessed qualitatively using screening outcomes, first-time detections, new maximum concentrations, spatial distribution and comparison with historical observations.

7.3.1 PFAS in groundwater

Consistent with the screening assessment, groundwater PFAS concentrations reported during the monitoring period were generally comparable with the historical dataset. While exceedances of the revised ADWG (NHMRC, 2011, updated 2025) values for PFOS were identified at a greater number of locations, these largely reflect the adoption of guideline values rather than a material increase in groundwater concentrations. Similarly, new maximum concentrations identified during the monitoring period generally did not represent first-time detections or first-time guideline exceedances.

The trend assessment undertaken by Stantec (2024d) (dataset to September 2023), using Mann-Kendall analysis, indicated that groundwater monitoring wells within source areas generally exhibited stable or no discernible trends. Localised exceptions were identified within the FTA, Demolition Ground, WWTP, HSF, AVCAT Storage Area and Fuel Farm, Fire Station, Flammable / Hazardous Goods Storage, Ship Sullage, and Dredged Sediments.

Source locations

The Mann-Kendall trend analysis undertaken in this OMR, which included the historical dataset and data collected during the monitoring period, identified statistically significant upward trends in PFAS concentrations in source zones at MW123 (FTA), MW173 and MW195S (WWTP), MW215, MW217 and MW220 (HSF), MW268 and MW269 (Dredged Sediments) and MW289 (Accommodation Area), MW236, MW238 and MW243 (AVCAT Storage Area and Fuel Farm), and MW255 to MW257 (Fire Station, Flammable / Hazardous Goods Storage) (Appendix G). These locations have been further assessed as follows:

– Linear regression analysis identified a strong linear relationship (R^2) >0.7) for PFOA at MW195S (WWTP) only. However, the maximum PFOA concentration is reflective of a change in reporting from a lower LOR (0.001 ug/L) to a standard LOR (0.01 ug/L) rather than a material increase in groundwater concentrations.
– Statistically increasing Mann-Kendall trends were identified MW123 (FTA), MW172 (WWTP), MW215, MW217 and MW220 (HSF), MW268, MW269 and MW289 (Accommodation Area), MW236, MW238 and MW243 (AVCAT Storage Area and Fuel Farm), and MW255 to MW257 (Fire Station, Flammable / Hazardous Goods Storage). The increasing Mann-Kendall trends were weakly supported by linear regression, with a low R squared and non-significant regression p-value, indicating that the increase is not well described by a consistent linear trend. The trend assessment summary (Appendix G) indicates that the upward trends are influenced by methodological factors (i.e., changes in the LOR or sporadic detections) and do not indicate a widespread or consistent increase across the Management Area.

Mann-Kendall trend analysis undertaken in this OMR also identified significant downward trends in PFAS concentrations in source zones, including MW109, MW112, MW120, MW123 and MW500 (FTA), MW141 (Demolition Ground), MW195D (WWTP), MW216 and MW224 (HSF), MW289 (Accommodation Area), MW233, MW236 and MW245 (AVCAT Storage Area and Fuel Farm) and MW255 and MW259 (Fire Station, Flammable / Hazardous Goods Storage). These downward trends indicate the possibility of some localised reduction in concentrations.

Overall, statistically significant increasing and decreasing Mann-Kendall trends were identified in this OMR across the 'source' monitoring network; however, the times series data indicate variable and non-linear behaviour, representing overall tendencies rather than sustained changes. In this absence of consistent linear trends these trends do not indicate a material change in the base risk profile.

Pathway locations

The Mann-Kendall trend analysis undertaken in this OMR, which included the historical dataset and data collected during the monitoring period, identified statistically upward trends in PFAS concentrations in pathway locations at MW124 to MW127 (FTA), MW171, MW199, MW202 and MW203 (WWTP) and MW225 to MW228 (HSF) (Appendix G).

– Linear regression analysis identified a strong linear relationship (R^2 >0.7) for MW171 and MW202 (WWTP) and MW228 (HSF).
  - **WWTP area –MW171 and MW202.** Increasing trends were identified at MW171 (PFOS, PFHxS and PFOS + PFHxS) and MW202 (PFOA) within the WWTP area. These trends were not identified consistently across all PFAS analytes or adjacent monitoring locations. Comparison with the historical dataset and box-and-whisker plots (Appendix F) indicates that recent concentrations are broadly within historical range.
  - **HSF area – MW228.** An increasing trend and new maximum concentrations were identified at MW228. Downgradient locations considered for MW228 include PW405, PW407 and SW406. Exceedances at these locations were consistent with historical observations. The absence of an increase in downgradient receptors indicates that the trend in MW228 is not indicative of a material increase in PFAS exposure in the downgradient marine environment, although ongoing monitoring is warranted.
– Statistically significant increasing Mann-Kendall trends were identified in the following pathway zones:
  - **FTA area – MW124 – MW127.** Increasing Mann-Kendall trends in PFOA at MW124 to MW127 and PFOS, PFHxS and PFOS+PFHxS at MW127. The increases in PFOA are attributable to methodological factors (i.e., changes in the LOR), while box and whisker plots (Appendix F) identified new maximum concentrations of PFOS, PFHxS and PFOS+PFHxS at MW127 that also exceeded ADWG (NHMRC, 2011, updated 2025) guideline values. A review of associated downgradient receptor locations PW335, PW340, PW341, PW362 to PW364 reported results that were consistent with the historical dataset. Therefore, the increasing trends are interpreted as localised concentration variability within an established PFAS source area rather than evidence of plume migration or a material change in exposure potential.
  - **WWTP area - MW199, MW200 and MW203**. Increasing Mann-Kendall trends were identified in PFOA at MW199 and MW200 and PFHxS at MW203. PFOA concentrations at MW199 and MW200 are attributable to methodological factors (i.e., changes in the LOR), while the time series plot for PFHxS at MW203 indicates that the trend is variable and not consistently progressive over time. The dataset at MW203 includes episodic peaks, short term increases and subsequent rebounds, indicating non-linear behaviour.
  - **HSF area - MW225 to MW227**. Increasing Mann-Kendall trends were identified in PFHxS+PFOS and PFOA at MW225 and PFOS and PFOA at MW226 to MW227. The increases are attributable to methodological factors (i.e., changes in the LOR).

Overall, the trend analyses identified several statistically increasing PFAS trends across the FTA, WWTP and HSF pathway monitoring networks; however, most were attributable to methodological factors associated with changes in the LOR or reflected localised variability within known source areas rather than evidence of plume expansion. While increasing trends with strong linear relationships were identified at MW171, MW202 and MW228, recent concentrations at MW171 and MW202 remained broadly within historical ranges and were not consistently reflected in adjacent monitoring locations. Although new maximum concentrations were observed at MW127 and MW228, downgradient receptor locations remained generally consistent with historical conditions, indicating no material increase in PFAS exposure potential. Collectively, the results suggest that PFAS distribution and exposure pathways remain broadly consistent with the established conceptual site model, with ongoing monitoring providing an appropriate mechanism to track emerging trends and confirm the continued stability of downgradient receptors.

For groundwater monitoring locations where no statistically significant trends were identified, the coefficient variation (CV) has also been calculated to assess data stability (Appendix G). Where applied, CV values ranged from 0 to 4.33, with results classified as consistent where CV values were less than or approximately equal to 1.0 and variable where CV values exceed 1.0. The highest CV values were generally associated with low-level or intermittent detections, where small changes in concentration can result in proportionally higher variability. These results indicate that, at locations without a detectable statistical trend, groundwater quality remained relatively consistent.

The hydrogeological setting provides further support for this interpretation. As noted in Section 6.1.4, coastal groundwater samples were consistently brackish to seawater, irrespective of the sampling time within the tidal cycle. Consistent with the findings of the DSI (RPS, 2018a), groundwater in the selected monitoring locations is subject to strong tidal influence. ANZG (ANZG, 2026) identifies elevated salinity in marine and coastal environments and recognises that salinity influences contaminant behaviour in groundwater. In saline, tidally influenced settings, increased salinity is understood to reduce the effective mobility of PFAS, while strong tidal mixing limits sustained advective groundwater transport. On this basis, mass transport of PFAS to coastal monitoring zones via groundwater is considered low.

7.3.2 PFAS in surface water

Surface water results have been assessed qualitatively using a weight-of-evidence approach. As noted in Section 5.1.2, trend analysis over time is not considered appropriate for surface water samples due to the variable nature of the monitoring locations (i.e., one surface water sample is not directly correlated with another from a nearby location). The assessment therefore considered:

– Screening results against adopted criteria;
– First-time detections and new maximum concentrations;
– Box-and-whisker plots (where applicable) to compare current results with the historical range, and
– The spatial and temporal distribution of exceedances.

Analytical results for the surface water samples collected during the monitoring period, together with the historical dataset, are presented in Table C5 (Appendix C), and are summarised in Figure 20 to Figure 27 in Appendix A.

The screening assessment identified that PFAS concentrations in surface water were generally consistent with historical results. Concentrations were below the adopted guideline values at most locations. Exceedances were reported for PFHxS at SW317 and PFOS at SW132 (FTA), SW156 (Demolition Ground), SW305, SW371 to SW373 and SW382 (WWTP), relative to the adopted ANZG (ANZG, 2026) ecological guideline value. With the exception of SW382, these locations have recorded exceedances previously, indicating that the current monitoring period results are generally consistent with historical conditions rather than representing new or widespread impacts.

First time detections were identified at a limited number of locations, including SW156 (Demolition Ground), SW317 (FTA), and SW382 (WWTP). These detections were spatially isolated, were not observed across all surface water monitoring locations within the relevant areas and did not persist in subsequent monitoring events. The isolated PFOS exceedance at SW382 in December 2023 was not repeated, with subsequent concentrations reported below the LOR. On this basis, the SW382 result is considered potentially anomalous and does not provide evidence of a persistent change in surface water conditions.

The box-and-whisker plot assessment further supports this interpretation. Where exceedances were reported, concentrations generally remained within the historical concentration range, indicating that the magnitude of concentrations remains comparable with previous monitoring data. Although new maximum PFHxS and PFOS concentrations were recorded at SW305; these values were within an order of magnitude of the historical dataset and not associated with widespread or persistent increases within the surface water monitoring network. The spatial distribution of exceedances similarly does not indicate a broader change in PFAS distribution.

Overall, the weight of evidence from the screening assessment, first-time detections, new maximum concentrations, box and whisker plots and comparison with the historical dataset indicate that PFAS concentrations in surface water remain broadly consistent with historical conditions. The results collected during the monitoring period therefore do not indicate a material increase in the extent, magnitude or persistence of PFAS exposure within surface water receptor environments, or a material change to the aquatic ecological risk conclusions established by the ERA (RPS, 2018b).

7.3.3 PFAS in porewater

As noted in Section 5.1.2, trend analysis over time is not considered appropriate for porewater samples due to the variable nature of the porewater locations (i.e., one porewater sample is not directly correlated with another from a nearby location). Porewater results were therefore assessed using defined line of evidence, including:

– Comparison with adopted screening criteria;
– First-time detections and/or exceedances and new maximum concentrations in comparison to the historical dataset (where available), and
– Review of the spatial and temporal and temporal distribution of exceedances.

The analytical results for the porewater samples collected during the monitoring period, together with the historical dataset, are presented in Table C6 (Appendix C), and are summarised in Figure 20 to Figure 27 in Appendix A.

The porewater lines of evidence indicate that PFAS concentrations were generally consistent with the historical dataset:

– **Screening assessment**: PFOS exceedances of the adopted (ANZG, 2026) ecological guideline value (0.02 µg/L) at several locations associated with the FTA (PW363), Accommodation Area (PW346), WWTP (PW304, PW345, PW350, PW352, and PW367 – PW369), and Dredged Sediments areas (PW375 and PW378).
– **First-time detections**: First-time PFAS detections were identified at PW375, PW405, and PW407; however, these did not represent first-time exceedances of the adopted guideline values.
– **Historical comparison**: Comparison with the historical dataset indicates that concentrations were broadly consistent with historical conditions, noting the limitations associated with direct comparison of porewater samples collected from variable seepage locations.

Porewater sampling undertaken during the monitoring period was intended to be collected during the optimum ±1 hour low-tide window (refer Section 4.2); however, this was not always practicable. This represents a data quality limitation because tidal state can influence porewater sample representativeness and limits direct comparability between individual monitoring events.

Appendix D (Table D.1) documents the sample date, sample time, nearest predicted low tide, deviation from low tide, tide status, total PFAS concentration, EC / TDS and inferred sample composition for each porewater sample collected during the monitoring period. Table D.1 indicates that:

– All porewater locations were sampled under a mix of incoming tide, outgoing tide, and low-tide conditions.
– Comparison of tidal condition, sample composition and total PFAS concentration did not identify a consistent relationship indicating that samples collected outside of the preferred tidal window materially changed the overall porewater assessment.

The tidal window variation has therefore been treated as a data quality limitation in interpreting porewater results between events, particularly where samples were collected under different tidal states or where sample composition indicates variable seawater and groundwater influence. However, based on the available dataset (Appendix D), the mixed tidal conditions do not provide evidence of a material effect on the outcomes of the porewater assessment.

Porewater exceedances are relevant because they indicate PFAS remains present within nearshore seepage ‘pathway’ environments that may provide a migration pathway to adjacent marine receptor areas. However, the porewater results recorded during the monitoring period remain comparable with historical observations, and there is no evidence from the spatial distribution or temporal pattern of results that these pathway conditions have materially expanded or increased. In this context, the porewater dataset supports the conclusion that potential aquatic exposure pathways remain present but unchanged and therefore do not represent a material shift in the established ecological risk profile.

7.3.4 Sediment analytical results

The analytical results for the sediment samples collected during the December 2023 to June 2025 monitoring period, as well as associated historical data, are presented in Table C7 (Appendix C) Appendix C and are summarised in Figure 28 to Figure 31 in Appendix A.

Trend analysis over time is not considered appropriate for sediment samples due to the variable nature of sediment (i.e., one sediment sample is not directly correlated with another from a nearby location). PFAS concentrations recorded in sediment samples over the monitoring period were generally consistent with historical data. There were no first-time detections at any of the sediment monitoring locations throughout the monitoring period.

7.4 Summary of outcomes

Table 29 presents a weight-of-evidence (WoE) assessment of the key groundwater pathway locations and surface water and porewater locations where relevant findings were identified during the monitoring period. The assessment considers trend analysis, distributional comparisons, screening outcomes, first-time detections, new maximum concentrations, historical comparison and receptor context, as applicable. Trend analysis was applied to groundwater only; surface water and porewater were assessed qualitatively because individual samples are not directly comparable over time due to variability in surface water and seepage conditions.

Table 29 Summary of weight of evidence assessment of key increasing PFAS trends (Mann-Kendall and Linear Regression, Box plots and screening assessment)

Monitoring zone	Media	Location IDs monitored and Lines of Evidence (LoE)	Analyte(s) with an increasing trend or exceedance	LoE considered	Outcome of LoE	Conclusion	Risk profile and action
Fire Training Area	**Pathway**						
	Groundwater	**Monitored:** MW124, MW125, MW126, MW127 **LoE:** MW124 – MW127	PFOA; PFOS, PFHxS and PFOS+PFHxS (MW127)	**Trend:** Increasing Mann-Kendall trends at all monitored locations. **Box plot:** New PFOS, PFHxS and PFOS + PFHxS maximums reported at MW127. **Receptor check:** Downgradient porewater remained consistent with historical conditions.	PFOA Mann-Kendall trends reflect LOR changes. MW127 increases are localised and not reflected in downgradient receptors.	4 of 4 wells reflected a finding relevant to the assessment. No evidence of plume expansion or increased receptor exposure.	**Moderate** Continue OMP monitoring and review if trends persist or are reflected in downgradient receptors.
	Receptor						
	Surface water	**Monitored:** SW130, SW132, SW134 **LoE:** SW132	PFOS	**Screening:** PFOS exceeded the ANZG 99% species protection value. **New maximum:** PFOS at SW132; not a first-time detection or new guideline exceedance. **Historical comparison:** Generally consistent with historical surface water conditions. **Pattern:** Localised and not persistent across the surface water network.	Localised new maximum only; no new human health or ecological guideline exceedance. Results remain generally consistent with historical surface water conditions.	1 of 3 receptor locations reflected a finding relevant to the assessment. No material increase in surface water exposure.	**Low** Continue OMP monitoring.

Monitoring zone	Media	Location IDs monitored and Lines of Evidence (LoE)	Analyte(s) with an increasing trend or exceedance	LoE considered	Outcome of LoE	Conclusion	Risk profile and action
	Porewater	**Monitored:** PW335, PW340, PW341, PW362, PW363, PW364 **LoE:** PW363	PFOS	**Screening:** PFOS exceeded the ANZG 99% species protection value. **Pattern:** Localised to PW363; no increase in extent or magnitude indicated.	Consistent with established nearshore pathway conditions.	1 of 6 pathway locations reflected a finding relevant to the assessment. Pathway conditions remain present but unchanged.	**Low** Continue OMP monitoring.
Helicopter Support Facility	**Pathway**						
	Groundwater	**Monitored:** MW214, MW225, MW226, MW227, MW228 **LoE:** MW225 – MW228	PFOS, PFHxS, PFOS+PFHxS and PFOA	**Trend:** Increasing trends; strong linear relationship at MW228. **Box plot:** New maximums at MW228. **Receptor check:** PW405, PW407 and SW410 considered.	Trends are partly attributable to LOR changes and localised variability. Receptor results do not indicate increased exposure.	4 of 5 wells reflected a finding relevant to the assessment. Localised increase at MW228; no current evidence of increased marine receptor exposure.	**Moderate** Continue OMP monitoring, with ongoing review of MW228 and downgradient receptors.
	Receptor						
	Surface water	**Monitored:** SW309, SW310, SW311, SW406, SW408, SW410, SW412, SW414, SW416 **LoE:** SW410	PFHxS first-time detection only	**Detection:** First-time PFHxS detection at SW410. **Screening:** No adopted guideline exceedance. **Context:** Reviewed against the MW228 groundwater trend.	Low-level detection only; no guideline exceedance or corresponding receptor increase.	1 of 9 receptor locations reflected a finding relevant to the assessment. No evidence of increased aquatic receptor exposure.	**Low** Continue OMP monitoring.

Monitoring zone	Media	Location IDs monitored and Lines of Evidence (LoE)	Analyte(s) with an increasing trend or exceedance	LoE considered	Outcome of LoE	Conclusion	Risk profile and action
	Porewater	**Monitored:** PW306, PW307, PW308, PW314, PW315, PW316, PW405, PW407, PW409, PW411, PW413, PW415 **LoE:** PW405, PW407	First-time PFAS detections only	**Detections:** First-time detections / new maximums at PW405 and PW407. **Screening:** No new human health or ecological guideline exceedance. **Context:** Reviewed against the MW228 groundwater trend.	PFAS remains present in nearshore pathway media, but detections do not indicate increased receptor exposure.	2 of 12 pathway locations reflected a finding relevant to the assessment. Pathway conditions remain present but unchanged.	**Low** Continue OMP monitoring.
WWTP	**Pathway**						
	Groundwater	**Monitored:** MW158, MW161, MW166, MW171, MW196, MW199, MW200, MW202, MW203, MW468 **LoE:** MW171, MW199, MW200, MW202, MW203	PFOS, PFHxS, PFOS+PFHxS and PFOA	**Trend:** Increasing trends; strong linear relationships at MW171 and MW202. **Box plot:** MW171 and MW202 broadly within historical range. **Receptor check:** Downgradient surface water and porewater remained generally consistent.	Trends are localised and not consistently reflected across adjacent wells or receptor media. PFOA trends reflect LOR changes; MW203 is variable and non-linear.	5 of 10 wells reflected a finding relevant to the assessment. No evidence of plume expansion or material increase in receptor exposure.	**Low – Moderate** Continue OMP monitoring and consider outcomes of WWTP investigations/upgrades, including treated wastewater PFAS monitoring.
	Receptor						

Monitoring zone	Media	Location IDs monitored and Lines of Evidence (LoE)	Analyte(s) with an increasing trend or exceedance	LoE considered	Outcome of LoE	Conclusion	Risk profile and action
	Surface water	**Monitored:** SW305, SW353, SW370, SW371, SW372, SW373, SW382, SW383, SW384 **LoE:** SW305, SW371 – SW373, SW382	PFOS; PFHxS (SW305)	**Screening:** PFOS exceeded ANZG 99% species protection at five locations; SW382 also exceeded recreational PFOS+PFHxS. **New maximum / detections:** SW382 had first-time detections and new guideline exceedances; SW305 had new maximum PFHxS/PFOS concentrations that were within an order of magnitude of the historical dataset. **Historical comparison:** Where exceedances were reported concentrations generally remained within the historical range. The isolated SW382 exceedance was not repeated. **Pattern:** No persistent or spatially coherent increase across the surface water receptor network.	SW382 is the key new receptor exceedance, however, it was isolated and not repeated. SW305 new maximums were within an order of magnitude of the historical dataset. No persistent or spatially coherent increase is indicated.	5 of 9 receptor locations reflected a finding relevant to the assessment. Exceedances were generally consistent with historical conditions; no material change to surface water receptor exposure or ecological risk conclusions.	**Low** Continue OMP surface water monitoring, including WWTP downgradient receptor locations.

Monitoring zone	Media	Location IDs monitored and Lines of Evidence (LoE)	Analyte(s) with an increasing trend or exceedance	LoE considered	Outcome of LoE	Conclusion	Risk profile and action
	Porewater	**Monitored:** PW304, PW345, PW350, PW351, PW352, PW367, PW368, PW369, PW380, PW381, PW401 **LoE:** PW304, PW345, PW350, PW352, PW367 – PW369	PFOS	**Screening:** PFOS exceeded ANZG 99% species protection at seven locations. **New maximums:** Reported at PW345, PW352, PW368, PW304, PW367 and PW350; not new guideline exceedances. **Pattern:** No evidence of increasing extent, magnitude or persistence.	PFAS remains present in established nearshore pathway media; results do not indicate new guideline exceedances or changed pathway conditions.	7 of 11 pathway locations reflected a finding relevant to the assessment. Potential aquatic exposure pathways remain present but unchanged.	**Low – Moderate** Continue OMP porewater monitoring. Use porewater as a supporting LoE for potential WWTP-related marine discharge pathways.

Table note: Ratings prioritise monitoring response and do not revise the overall risk profile. A risk profile change would require multiple supporting LoE indicating increased contaminant migration, receptor exposure potential, or expansion beyond established PFAS-impacted areas.

LoE considered: trend analysis, box-and-whisker comparison, screening assessment, first-time detections/new maximums, and receptor context.

Low: Minor variability or exceedances consistent with historical conditions; no material change indicated.

Low – Moderate: Established pathway or receptor exceedances remain present and warrant continued monitoring, but do not indicate a confirmed risk profile change.

Moderate: Localised pathway increase requiring ongoing review, with no evidence of increased receptor exposure.

The monitoring outcomes were assessed against the PMAP decision framework by considering whether the dataset provided evidence of:

– Increasing PFAS migration beyond established source and pathway areas;
– Increased contaminant concentrations or exposure potential at receptor locations;
– Expansion of the known PFAS footprint; or
– A material change in the PFAS risk profile.

While localised increasing trends, new maximum concentrations and some guideline exceedances were identified, these were generally confined to established source and pathway locations, were consistent with historical variability, and were not supported by corresponding increases at receptor locations. Accordingly, the PMAP triggers for additional response actions, modification measures or reassessment of the base risk profile were not met during the monitoring period.

Overall conclusions

Overall, the weight-of-evidence assessment indicates that PFAS concentrations in groundwater, surface water, porewater and sediment during the December 2023 to September 2025 monitoring period remained broadly consistent with historical conditions and the previously established contaminant distribution. Although increasing groundwater trends and new maximum concentrations were identified at selected locations these findings were generally not supported by corresponding changes in screening assessment outcomes, box and whisker plot distributions, downgradient pathway locations, or receptor environments. Most increasing trends remained consistent with established source or pathway behaviour and do not indicate plume expansion, or a material change in receptor exposure potential. Conversely, most statistically significant groundwater trends were decreasing, with several locations reporting new minimum concentrations.

The collective weight-of-evidence indicates that PFAS impacts remain consistent with the established CSM and historical dataset. Localised exceedances, new maximum concentrations and increasing trends do not indicate a material change in plume behaviour, contaminant extent or the PFAS risk profile established through the DSI (RPS, 2018a) and ERA (RPS, 2018b), which identified a low and acceptable level of risk to human and ecological receptors under current base conditions. Given the continued low and acceptable risk profile, the absence of plume expansion, and the effectiveness of existing administrative controls, the findings of this OMR support ongoing management through the OMP. PFAS considerations associated with future redevelopment activities, including within the WWTP area, would continue to be managed in accordance with the Defence PFAS CMF.

Historical fauna and biota assessment data indicated a low risk to marine receptors based upon the understanding of Management Area conditions and contaminant migration pathways at that time (RPS, 2018b). As part of the weight of evidence assessment, ecological guideline exceedances were evaluated within the SPR framework. While exceedances were identified in groundwater and porewater in nearshore environments, these exceedances were generally consistent with historical conditions and were not supported by other lines of evidence indicating a material increase in ecological receptor exposure or ecological risk. Accordingly, the current monitoring results do not indicate a material change in exposure pathways to marine or ecological receptor exposure relative to the established CSM.

The available fauna and biota dataset is limited and predates the current monitoring period, resulting in some uncertainty regarding current bioaccumulation and food-web exposure potential. However, no new lines of evidence have been identified that would indicate a material change to the ecological risk profile previously established for the Base. Accordingly, the existing ecological risk conclusions remain appropriate based on the current weight of evidence.

Consistent with the PFAS NEMP (HEPA, 2026), the need for additional biota monitoring and/or food-web assessment should be re-evaluated if future monitoring identifies persistent increasing trends, expanding ecological exceedances in receptor environments, increased contaminant migration, or other material changes in base conditions.

Future monitoring will continue in accordance with the PMAP and applicable SAQP requirements (GHD, 2025b).

8. Conceptual site model

A CSM for the Management Area was developed as part of the DSI (RPS, 2018a) and is presented in Appendix I. The CSM summarised the linkages between PFAS sources, exposure pathways and receptors.

The DSI CSM was reviewed based on the findings of the sampling completed over the monitoring period and the other aspects documented in Section 3 to support identification of changes to the previously established risk profile of the Management Area. Potential changes to the risk profile of Management Area are discussed below:

– During the monitoring period, the ADWG were revised, with the PFOS guideline value reducing from 0.07 µg/L (for PFOS+PFHxS) to 0.008 µg/L (for PFOS only), and introduction of lower values for PFHxS (0.03 µg/L) and PFOA (0.2 µg/L). The revised PFOS guideline value is below the LOR that was nominated in the OMP (RPS, 2018c) and has been applied since completion of the DSI (RPS, 2018a) and therefore, it cannot be determined whether PFOS concentrations in groundwater beneath the base were above or below the guideline value during the monitoring. This is not, however, considered significant in the context of the Management Area risk profile, noting that groundwater is not abstracted on the base for potable use (GHD, 2025b).
– With reference to Section 3.5, studies undertaken by RCIP since completion of the DSI have identified additional potential PFAS source areas. In this regard, the following is noted:
    - The concentrations recorded in these areas were generally comparable with those identified in other areas by the DSI.
    - Relatively greater concentrations, and uncertainty regarding the extent of impacts, were however identified in the Building 54 Group of USTs and the Joint Logistics Unit (West) Area (shown on Figure 2 in Appendix A).
    - The current OMP does not include monitoring of porewater, sediment and surface water PFAS concentrations immediately down-gradient of these areas.

The existing monitoring network is considered suitable to meet the objectives of this OMR, which are focussed on assessing contaminant distribution, temporal trends, plume behaviour and potential risks based on the available monitoring dataset. While practical access constraints in some areas of the western coastline limit comprehensive groundwater monitoring of all potential discharge pathways, the assessment has used multiple lines of evidence including groundwater, porewater, surface water and sediment monitoring data. Collectively, the data provides an appropriate basis for the conclusions of this OMR regarding plume stability and risk. Opportunities to further evaluate monitoring network adequacy and optimise monitoring of potential marine discharge pathways will be considered as part of the forthcoming OMP review.

Overall, the data collected during the monitoring period does indicate any change to the previously assessed low and acceptable risk profile of the base and Management Area, with PFAS concentrations generally within the historical range of the dataset. Inclusion of additional monitoring locations in the marine environment down-gradient of the abovementioned additional PFAS source areas is however required to evaluate any potential changes in the risk profile of the Management Area because of potential discharge of PFAS from these areas to the receiving marine environment.

9. Conclusions

9.1 Context

The objectives of the OMP are to identify and evaluate:

– The spatial and temporal (including seasonal) nature and extent of PFAS impact in the environment that is associated with the legacy use of aqueous film-forming foam (AFFF) at the base.
– Changes to the CSM, which describes PFAS sources, transport pathways and receptors.
– Whether risks to human and ecological receptors require review.
– The influence that risk management activities at the base, as outlined, in the PMAP, have had on the nature and extent of PFAS in the environment; and
– Whether there is a trigger for action and/or PMAP review.

The purpose of this OMR is to address the objectives of the OMP by:

– Presenting the data and other information collected during the OMP sampling events undertaken between December 2023 and September 2025; and
– Providing an updated evaluation of the OMP dataset, inclusive of the historical data and data collected between December 2023 and September 2025.

With reference to Section 4.3, the dataset evaluated within this OMR is considered sufficiently reliable to support resolution of the OMP objectives. Identified deviations from the SAQP and minor QA/QC non-conformances have been evaluated and are not expected to materially affect data quality.

9.2 Outcomes

OMP sampling events were undertaken between December 2023 and September 2025 and incorporated seven groundwater, surface water, porewater and sediment sampling events within the Management Area.

Overall, the data collected during this monitoring period does not indicate a material change to the previously assessed low and acceptable risk profile of the base and surrounding Management Area. Additional specific outcomes are summarised as follows:

– **Groundwater elevations and flow direction** – Groundwater elevations within the aquifer were consistent between monitoring events. The inferred groundwater flow was generally towards the coast, with inward flow and mounding in some areas, likely as a result of tidal influence.
– **Trend assessment** – The Mann-Kendall test was used alongside linear regression and box-and-whisker plots to evaluate PFAS concentrations trends at each monitoring location. While statistically significant increasing trends were identified for PFAS compounds in the wastewater treatment plant (WWTP) ‘pathway’ area, the Helicopter Support Facility (HSF) ‘pathway’ area and Fire Training ‘pathway’ area, most of the statistically significant trends identified indicate PFAS concentrations are decreasing. The increases noted are limited to specific locations or individual PFAS compounds and influenced by methodological factors (i.e., changes in the LOR or sporadic detections) and are not indicative of a widespread or consistent increase across the Management Area.
– **New maximum concentrations in groundwater** – New maximum PFAS concentrations were identified during the monitoring period in groundwater monitoring wells associated with the Fire Training Area (FTA), WWTP, Dredged Sediments, Aviation Carrier Turbine Fuel (AVCAT) Storage Area and Fuel Farm, Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage, HSF and Accommodation Area. However, the concentrations generally did not represent first-time detections or first-time guideline value exceedances for the locations and remained within the same order of magnitude as reported in previous investigations. The occurrence of new maximums or outliers are not considered, in isolation, to indicate a material change in risk, particularly where the result does not correspond with a first-time detection, first-time guideline exceedance, consisting increasing trend across multiple analytes, or a corresponding increase at downgradient pathway or receptor locations.

- **New maximum concentrations in porewater and surface water** – New maximum porewater and surface water PFAS concentrations were identified during the monitoring period at monitoring locations associated with the FTA, WWTP, HSF, Dredged Sediments and the Demolition Ground. However, the concentrations generally did not represent first-time detections or first-time guideline value exceedances for the locations, remained within the same order of magnitude as reported in previous investigations with no evidence of sustained increase in concentrations. When considered in the context of the historical dataset, the exceedances are localised and are not considered indicative of a material increase in the extent, magnitude or persistence of PFAS exposure within receptor environments, therefore are not considered indicative of a change in the risk profile of the base.
- **Conceptual Site Model (CSM) and risk profile** – Overall, the data collected during the monitoring period does not indicate a material change to the previously assessed low and acceptable risk profile of the base and Management Area. While new maximum PFAS concentrations were identified at several monitoring locations, these did not represent first-time detections or exceedances of guideline values and, where observed, remained consistent with the established spatial distribution of PFAS within known source and pathway areas and within the same order of magnitude as reported in previous investigations
- Supplementary studies undertaken prior to and during the monitoring period have, however, identified additional potential PFAS source areas, namely the Building 54 Group of Underground Storage Tanks and the Joint Logistics Unit (West) Area. Further monitoring within the marine environment downgradient of these areas is required to further support ongoing refinement of the conceptual site model.

9.3 Summary

Outcomes of the OMP in relation to the objectives are in presented in Table 30.

Table 30 Summary of outcomes

OMP objective	Summary of outcomes
Identify and evaluate the spatial and temporal (including seasonal) nature and extent of PFAS impact in the environment that is associated with the legacy use of aqueous film-forming foam (AFFF) at the base.	The data collected and analysed during the monitoring period indicate that the spatial distribution of PFAS impact remains consistent with previously identified source areas and transport pathways. Temporal variability remains largely within the historical range, despite the identification statistically significant increasing and decreasing trends at some locations. Material changes in the overall nature and extent of PFAS impacts across the Management Area were not identified.
Identify and evaluate changes to the CSM, which describes PFAS sources, transport pathways and receptors.	Supplementary investigations identified additional potential PFAS source areas. These are however consistent with the broader identified land use history. Additional monitoring in the marine environment downgradient of these areas is recommended to further refine understanding.
Identify and evaluate whether risks to human and ecological receptors require review.	Data collected during the monitoring period do not indicate a material change to the previously assessed low and acceptable risk profile. Concentration increases and new maximum concentrations were observed at some locations. PFAS concentrations largely remained within historical ranges however and therefore do not represent a change in the risk profile for human or ecological receptors. Consistent with the PFAS NEMP (HEPA, 2026), the need for additional biota monitoring and/or food-web assessment should be re-evaluated if future monitoring identifies persistent increasing trends, expanding ecological exceedances in receptor environments, evidence of increasing contaminant migration, or other material changes in base conditions.
Identify and evaluate the influence that risk management activities at the base, as outlined in the PMAP, have had on the nature and extent of PFAS in the environment.	GHD understands that no PFAS remediation or infrastructure works were undertaken at the base during the monitoring period.
Identify and evaluate whether there is a trigger for action and/or PMAP review.	No trigger for review of the current PMAP response actions, or implementation of additional response actions, has been identified

OMP objective	Summary of outcomes
	based on the OMP monitoring. However, supplementary studies have identified the following: – Additional potential PFAS source areas (the Building 54 UST Group and Joint Logistics Unit (West) Area). The inclusion of additional marine monitoring locations in the OMP, downgradient of these areas, are recommended to further refine the understanding of PFAS distribution in the marine environment. This recommended action reflects refinement of the monitoring program rather than a change in the PFAS risk profile. – Interpretation of potential WWTP-related impacts remains subject to uncertainty because PFAS concentrations in treated wastewater are not currently monitored and practical access constraints limit groundwater monitoring west of the seepage ponds. Accordingly, assessment of WWTP-related impacts continues to rely on multiple lines of evidence, including seepage, sediment, porewater and surface water investigations Supplementary studies of the saline WWTP have separately recommended upgrades to the treatment capacity and processes to improve effluent quality prior to release to the environment. Although these recommendations were not driven by PFAS risks, the design review provides an opportunity to consider PFAS treatment measures, noting that PFAS is not currently treated by the WWTP. To support future assessment of potential PFAS contributions from treated wastewater, PFAS monitoring of treated wastewater is recommended for inclusion in the OMP.

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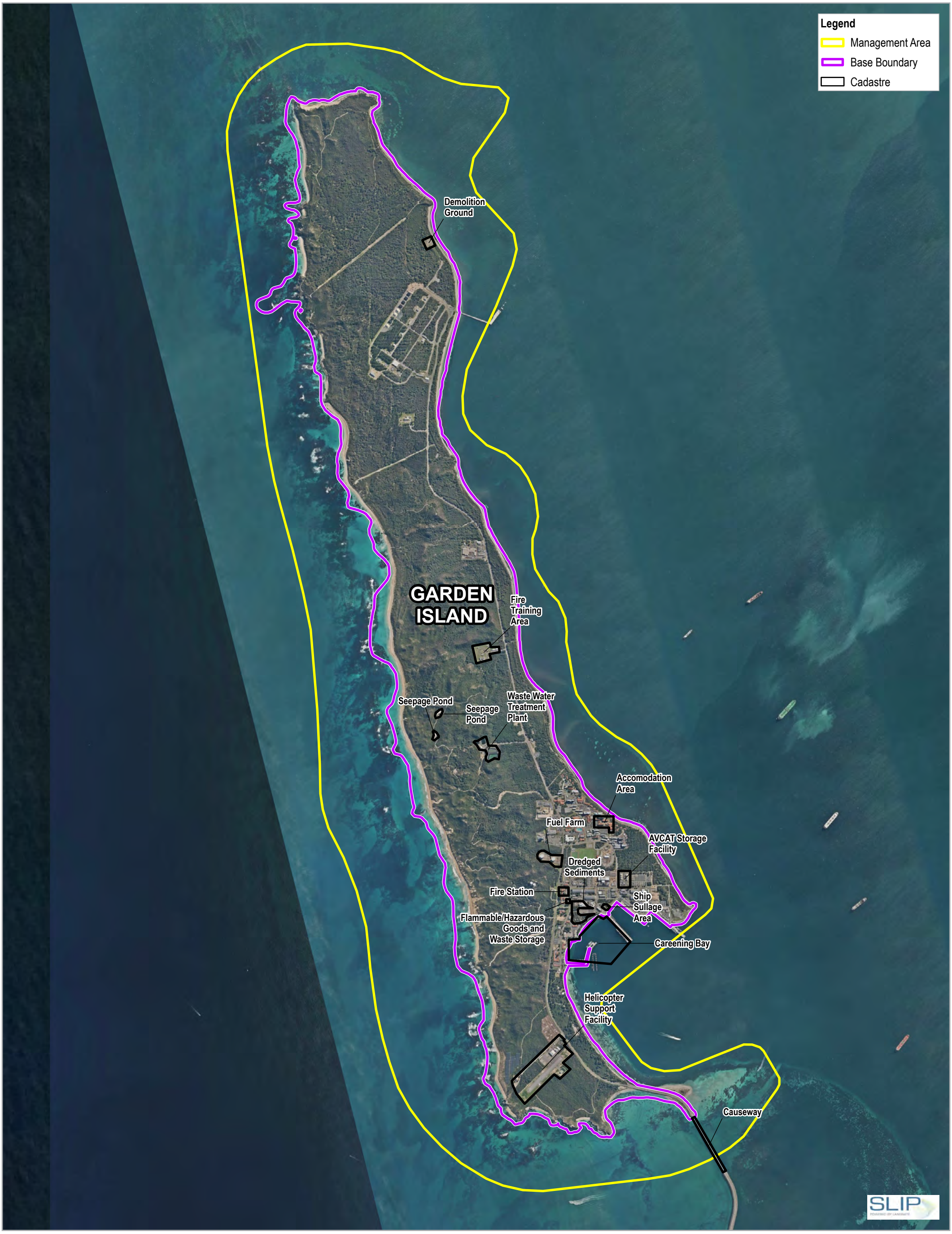
Appendices

Appendix A

Figures



Paper Size ISO A3

0 300 600 900 1,200

Metres

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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
PFAS Ongoing Monitoring Program
Ongoing Monitoring Report Dec 2023 – Sept 2025
HMAS Stirling

Base Layout and Management Area

Project No. **12641234**
Revision No. **B**
Date **08/07/2026**

FIGURE 1

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Print date: 08 Jul 2026 - 16:26

Data source: Cadastre: WANow: Landgate / SLIP. Created by: shart2

Legend
PFAS Source Areas
Management Area

Demolition Ground
Torpedo Maintenance Explosive Area (E3)
Torpedo Maintenance Facility
Fire Training Area
Seepage Pond
Seepage Pond
Waste Water Treatment Plant
Accomodation Area
Drainage Swale
Fuel Farm
Flammable/Hazardous Goods and Waste Storage
Building 54 - Group of USTs
Fire Station
Ship Sullage Area
Dredged Sediments
Helicopter Support Facility
AVCAT Storage Facility

SLIP

Paper Size ISO A3
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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GHD

Department of Defence
PFAS Ongoing Monitoring Program
Ongoing Monitoring Report Dec 2023 – Sept 2025
HMAS Stirling

Project No. 12641234
Revision No. B
Date 08/07/2026

PFAS Source Areas

FIGURE 2

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Print date: 08 Jul 2026 - 16:26

Data source: WANow: Landgate / SLIP
World Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community. Created by: shart2



Paper Size ISO A3

0 10 20 30 40 50

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
PFAS Ongoing Monitoring Program
Ongoing Monitoring Report Dec 2023 – Sept 2025
HMAS Stirling

Monitoring Locations – Fire Training Area

Project No. **12641234**
Revision No. **B**
Date **08/07/2026**

FIGURE 3

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\126
Print date: 08 Jul 2026 - 16:27

Data source: Cadastre: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 5 10 15

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
PFAS Ongoing Monitoring Program
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HMAS Stirling

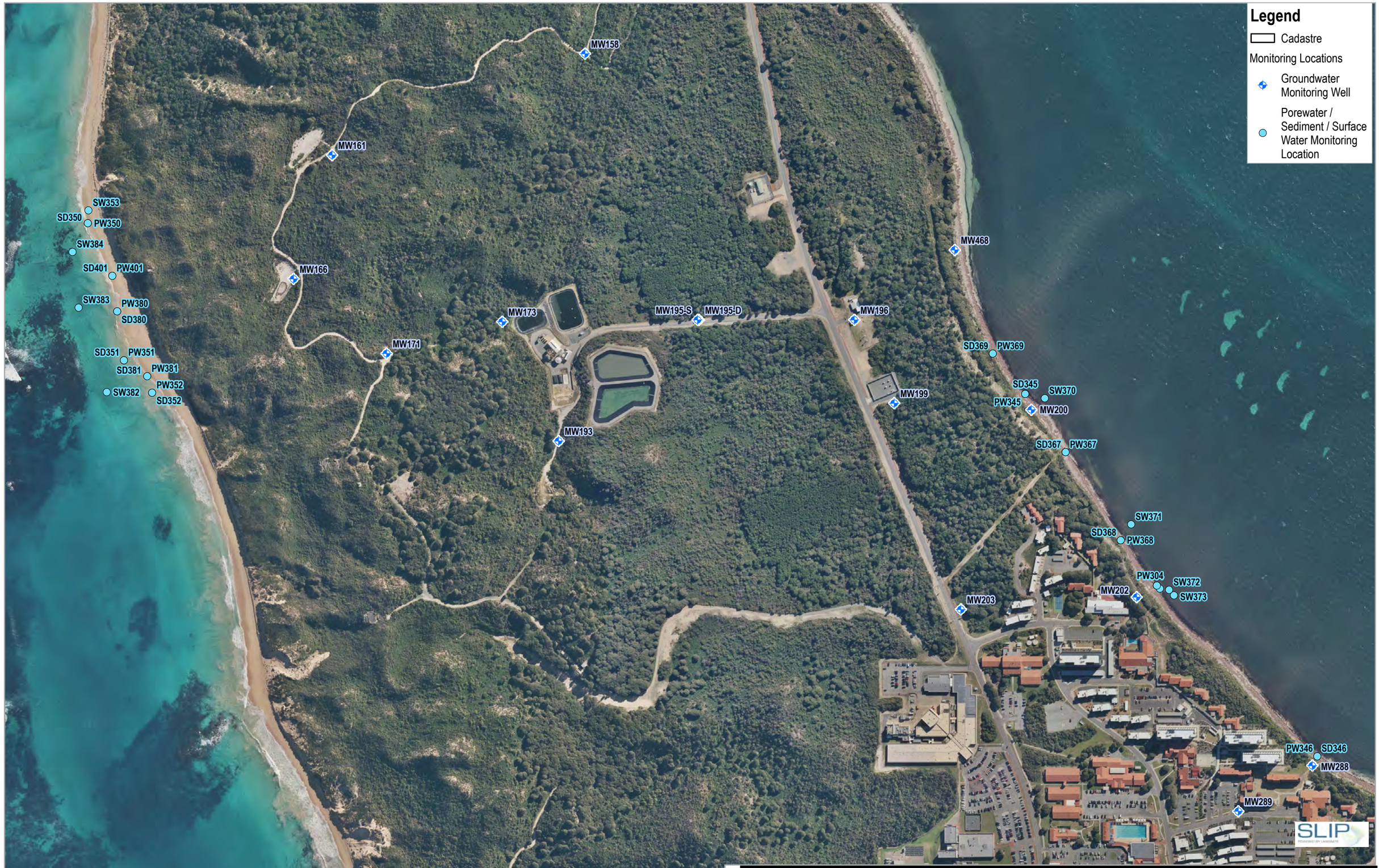
Monitoring Locations – Demolition Ground

Project No. **12641234**
Revision No. **B**
Date **08/07/2026**

FIGURE 4

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\126
Print date: 08 Jul 2026 - 16:26

Data source: Cadastre: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 40 80 120

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
PFAS Ongoing Monitoring Program
Ongoing Monitoring Report Dec 2023 – Sept 2025
HMAS Stirling

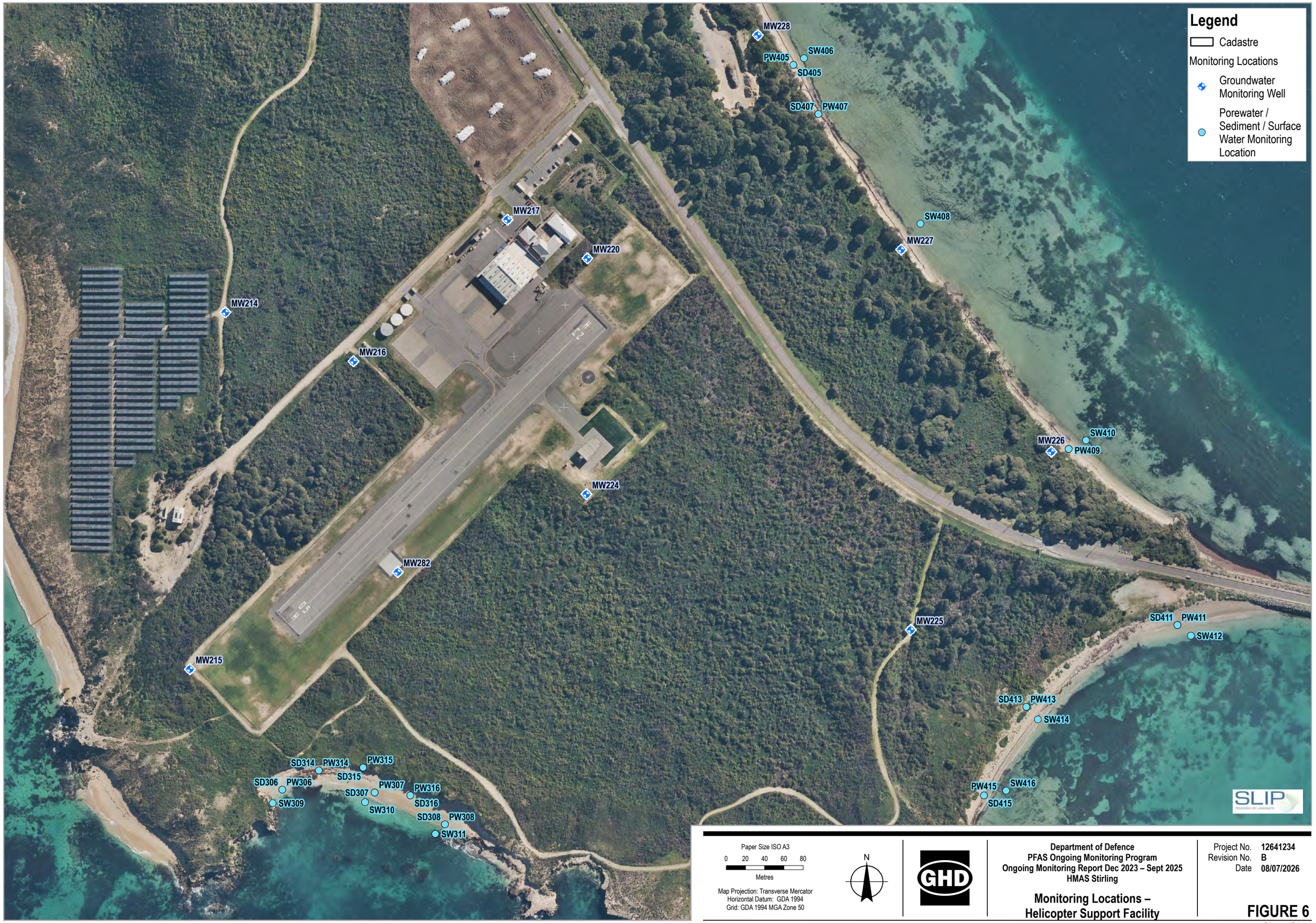
Monitoring Locations – Wastewater Treatment Plant

Project No. **12641234**
Revision No. **B**
Date **08/07/2026**

FIGURE 5

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\126
Print date: 08 Jul 2026 - 16:27

Data source: Cadastre: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 20 40 60 80

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
PFAS Ongoing Monitoring Program
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HMAS Stirling

Monitoring Locations – Helicopter Support Facility

Project No. **12641234**
Revision No. **B**
Date **08/07/2026**

FIGURE 6

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\126
Print date: 08 Jul 2026 - 16:27

Data source: Cadastre: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 20 40 60 80

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
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HMAS Stirling

Monitoring Locations – Main Base Layout

Project No. **12641234**
Revision No. **B**
Date **08/07/2026**

FIGURE 7

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\126
Print date: 08 Jul 2026 - 16:27

Data source: Cadastre: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 100 200 300 400

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

Department of Defence
PFAS Ongoing Monitoring Program
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HMAS Stirling

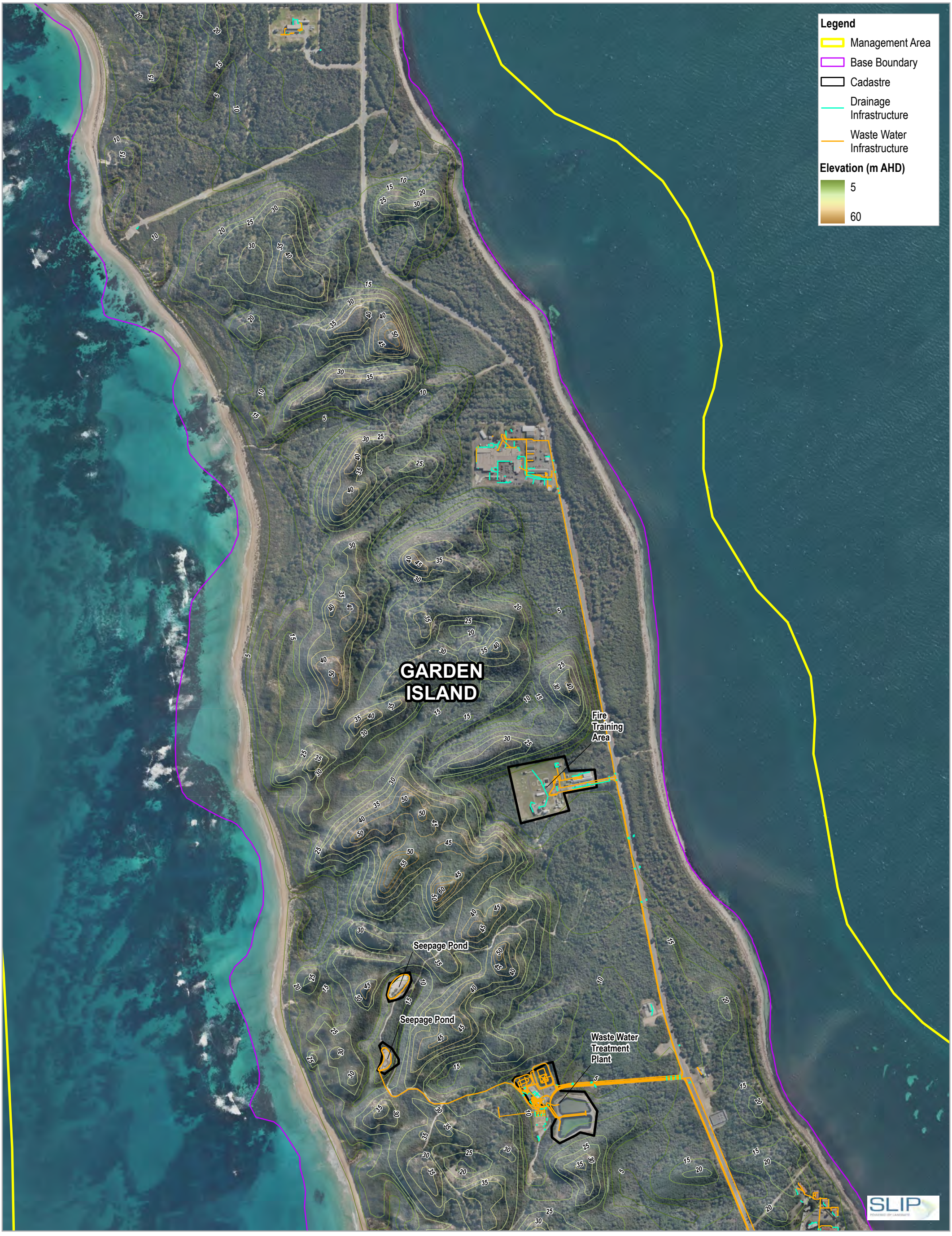
Topography, Stormwater Drainage and Wastewater Treatment Plant Infrastructure

Project No. **12641234**
Revision No. **A**
Date **09/07/2026**

FIGURE 8a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\12641234_HMASStirlingOMRDec23Sep25_008a_TopographyNorth_RevA
Print date: 09 Jul 2026 - 14:35

Data source: MSP_Point: SEG
MSP_Line: SEG
MSP_Underground_Line: SEG



Paper Size ISO A3

0 100 200 300 400

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

Department of Defence
PFAS Ongoing Monitoring Program
Ongoing Monitoring Report Dec 2023 – Sept 2025
HMAS Stirling

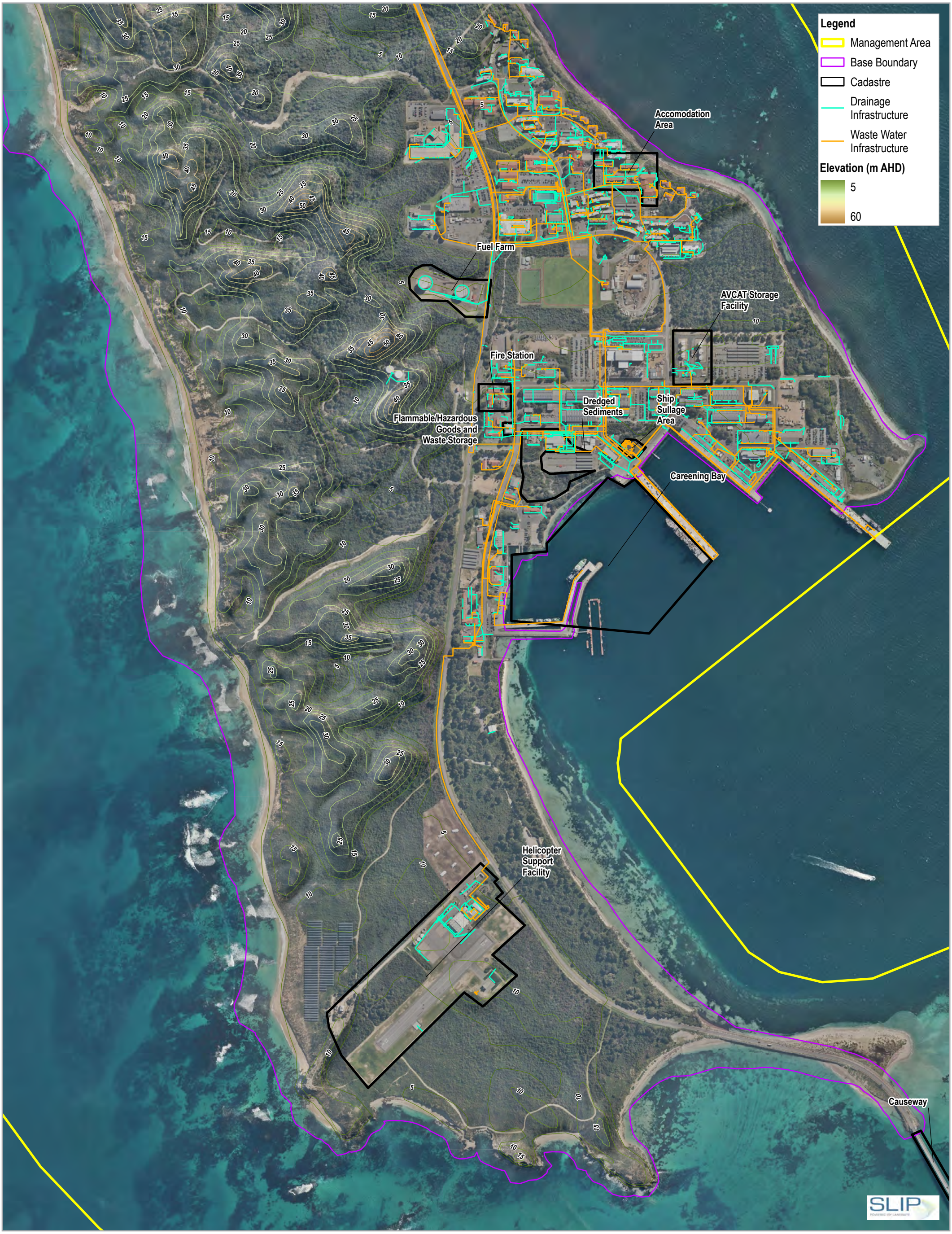
Topography, Stormwater Drainage and Wastewater Treatment Plant Infrastructure

Project No. **12641234**
Revision No. **A**
Date **09/07/2026**

FIGURE 8b

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\12641234_HMASStirlingOMRDec23Sep25_008b_TopographyCentral_RevA
Print date: 09 Jul 2026 - 14:35

Data source: MSP_Point: SEG
MSP_Line: SEG
MSP_Underground_Line: SEG



Paper Size ISO A3

0 100 200 300 400

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
PFAS Ongoing Monitoring Program
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HMAS Stirling

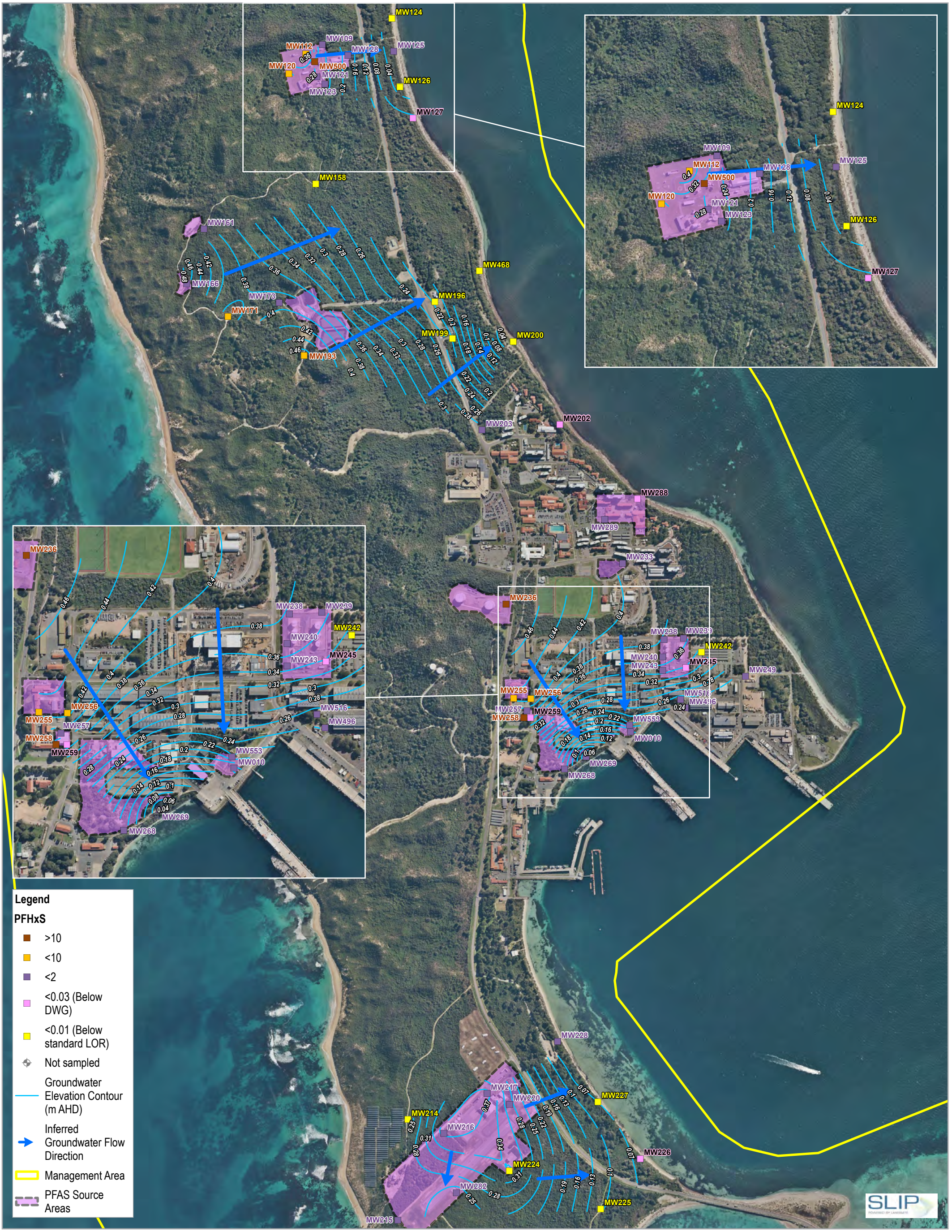
Topography, Stormwater Drainage and Wastewater Treatment Plant Infrastructure

Project No. **12641234**
Revision No. **A**
Date **09/07/2026**

FIGURE 8c

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingOMRDec23Sep25\12641234_HMASStirlingOMRDec23Sep25.aprx\12641234_HMASStirlingOMRDec23Sep25_008c_TopographySouth_RevA
Print date: 09 Jul 2026 - 14:35

Data source: MSP_Point: SEG
MSP_Line: SEG
MSP_Underground_Line: SEG


MW124
MW109
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MW128
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MW500
MW121
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MW158
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MW166
MW468
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MW196
MW171
MW199
MW200
MW193
MW203
MW202
MW288
MW289
MW233
MW236
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MW239
MW242
MW240
MW243
MW245
MW255
MW256
MW257
MW258
MW259
MW516
MW496
MW553
MW010
MW269
MW268
MW249
MW228
MW217
MW220
MW227
MW214
MW216
MW224
MW226
MW282
MW225
MW215
Legend
PFHxS
>10
<10
<2
<0.03 (Below DWG)
<0.01 (Below standard LOR)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
N
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
GHD
Department of Defence
PFAS Ongoing Monitoring Program
Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling
Groundwater PFHxS Concentrations - December 2024
Project No. 12641234
Revision No. B
Date 09/07/2026
FIGURE 9
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_008_GroundwaterPFHxS_RevB
Print date: 09 Jul 2026 - 16:40
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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HMAS Stirling

Groundwater PFHxS Concentrations - December 2024

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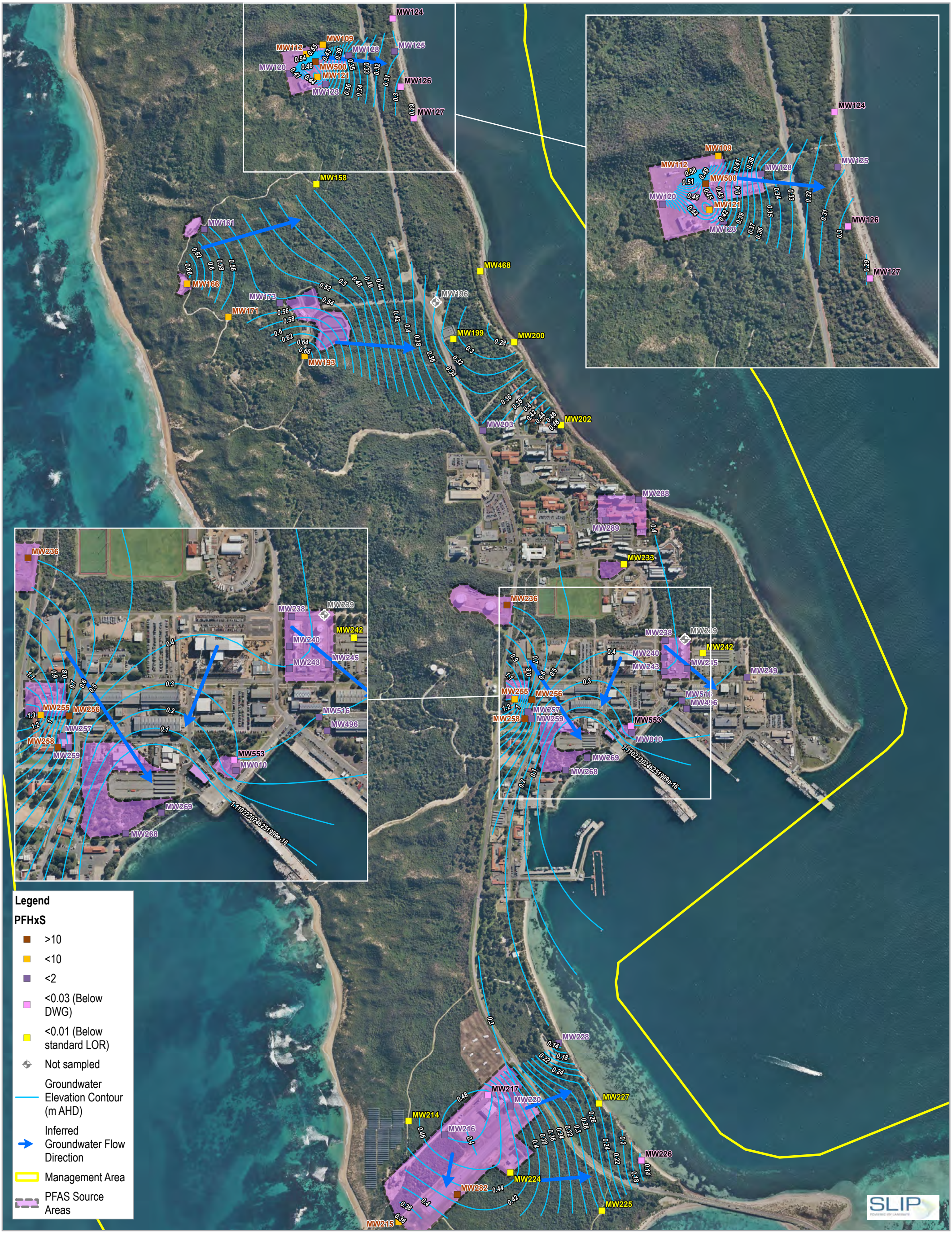
Revision No. **B**
Date **09/07/2026**

FIGURE 9a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_008a_GroundwaterPFHxS_RevB
Print date: 09 Jul 2026 - 16:41

Data source: WANow: Landgate / SLIP. Created by: shart2


MW124
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MW240
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MW245
MW249
MW255
MW256
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MW258
MW259
MW516
MW496
MW553
MW010
MW269
MW268
MW228
MW217
MW220
MW227
MW214
MW216
MW226
MW224
MW282
MW225
MW215
Legend
PFHxS
>10
<10
<2
<0.03 (Below DWG)
<0.01 (Below standard LOR)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
N
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
GHD
Department of Defence
PFAS Ongoing Monitoring Plan
Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling
Groundwater PFHxS Concentrations - March 2025
Project No. 12641234
Revision No. C
Date 15/07/2026
FIGURE 10
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_008_GroundwaterPFHxS_RevC
Print date: 15 Jul 2026 - 10:13
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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PFAS Ongoing Monitoring Plan
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HMAS Stirling

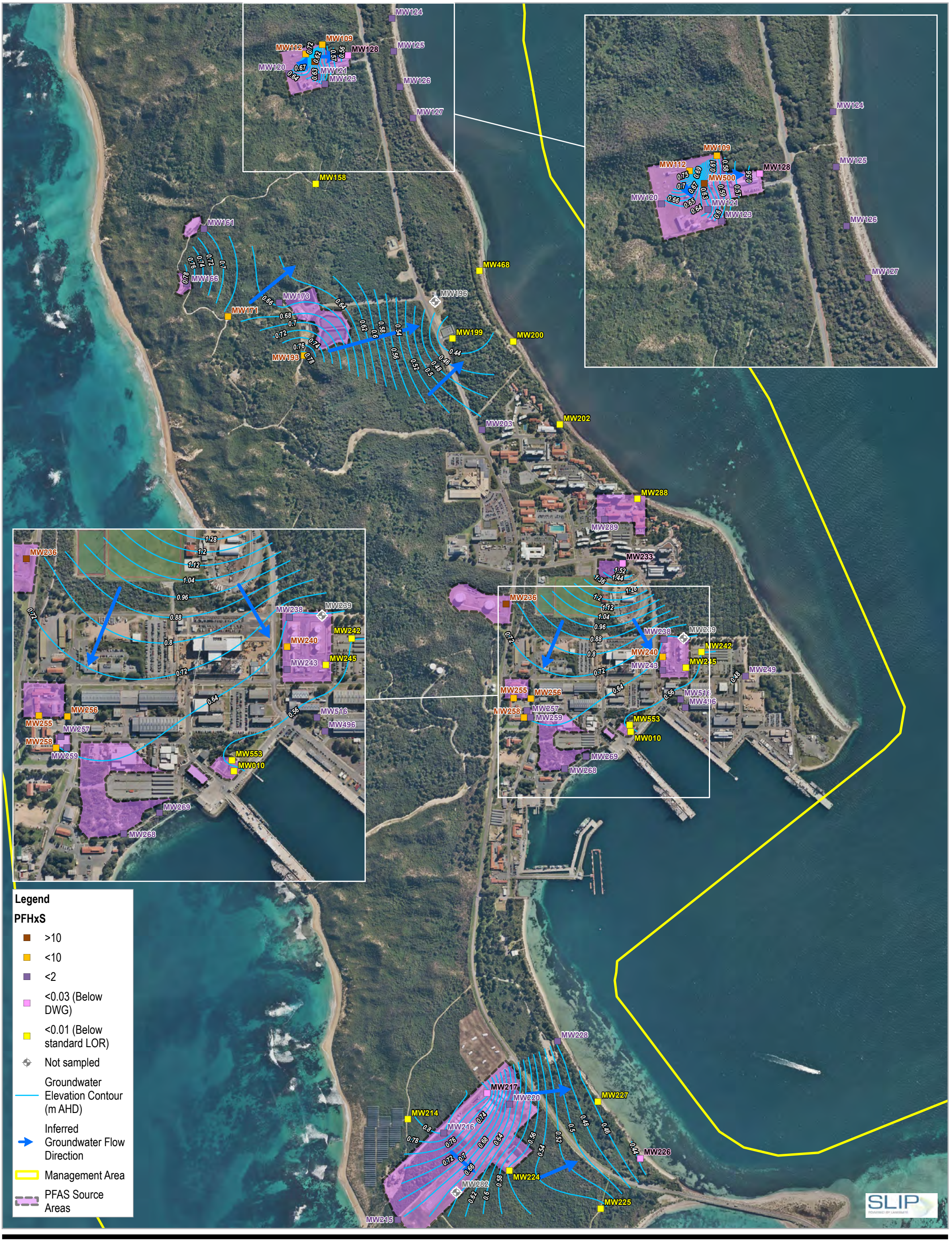
Groundwater PFHxS Concentrations - March 2025

Project No. **12641234**
Revision No. **C**
Date **15/07/2026**

FIGURE 10a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_008a_GroundwaterPFHxS_RevC
Print date: 15 Jul 2026 - 10:15

Data source: WANow: Landgate / SLIP. Created by: shart2


MW124
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MW553
MW010
MW269
MW268
MW500
MW249
MW214
MW216
MW217
MW220
MW227
MW224
MW226
MW225
MW282
MW228
MW215
Legend
PFHxS
>10
<10
<2
<0.03 (Below DWG)
<0.01 (Below standard LOR)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
N
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
GHD
Department of Defence
PFAS Ongoing Monitoring Plan
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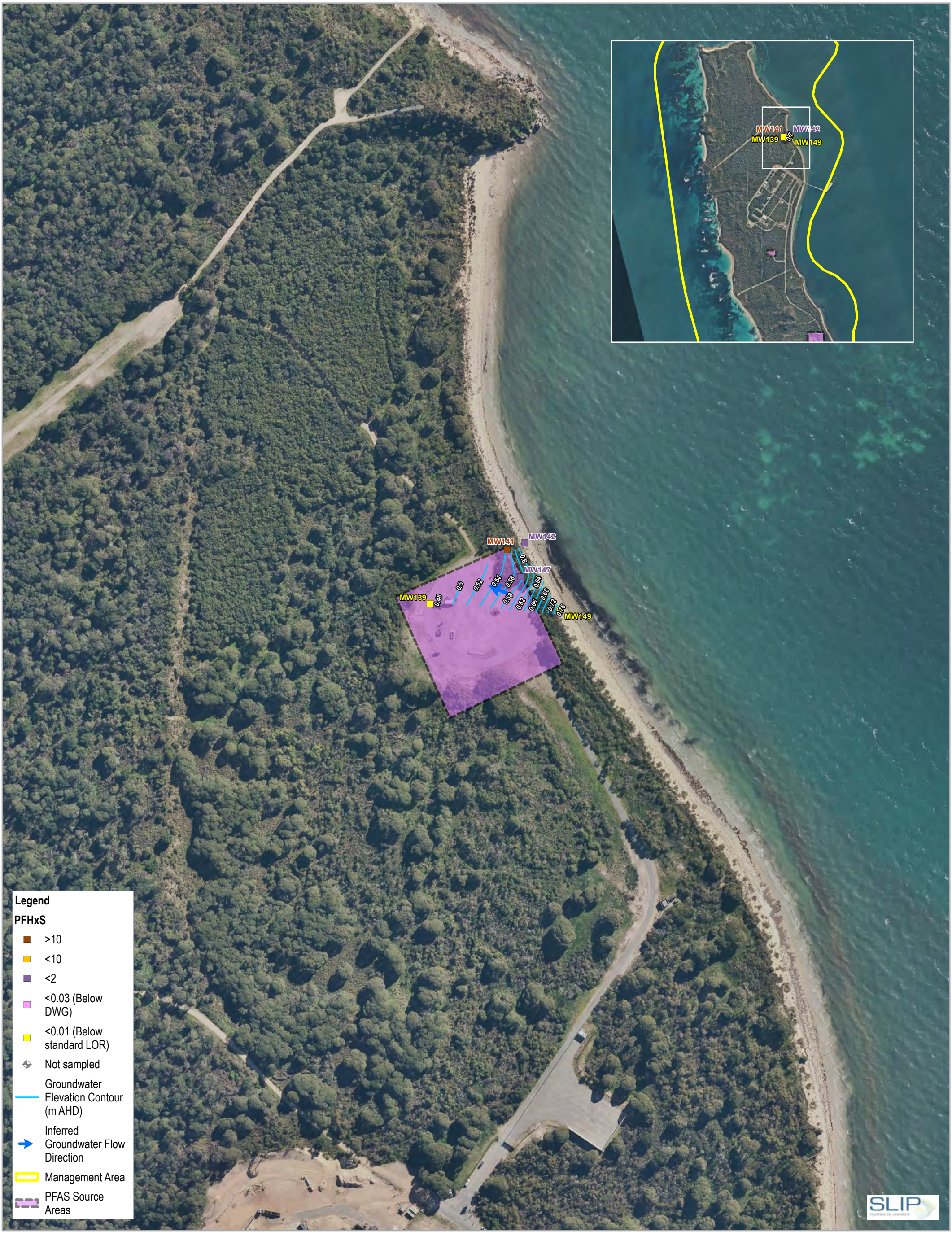
HMAS Stirling
Groundwater PFHxS Concentrations - June 2025
Project No. 12641234
Revision No. B
Date 10/07/2026
FIGURE 11
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_008_GroundwaterPFHxS_RevB
Print date: 10 Jul 2026 - 12:14
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
PFAS Ongoing Monitoring Plan
Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling

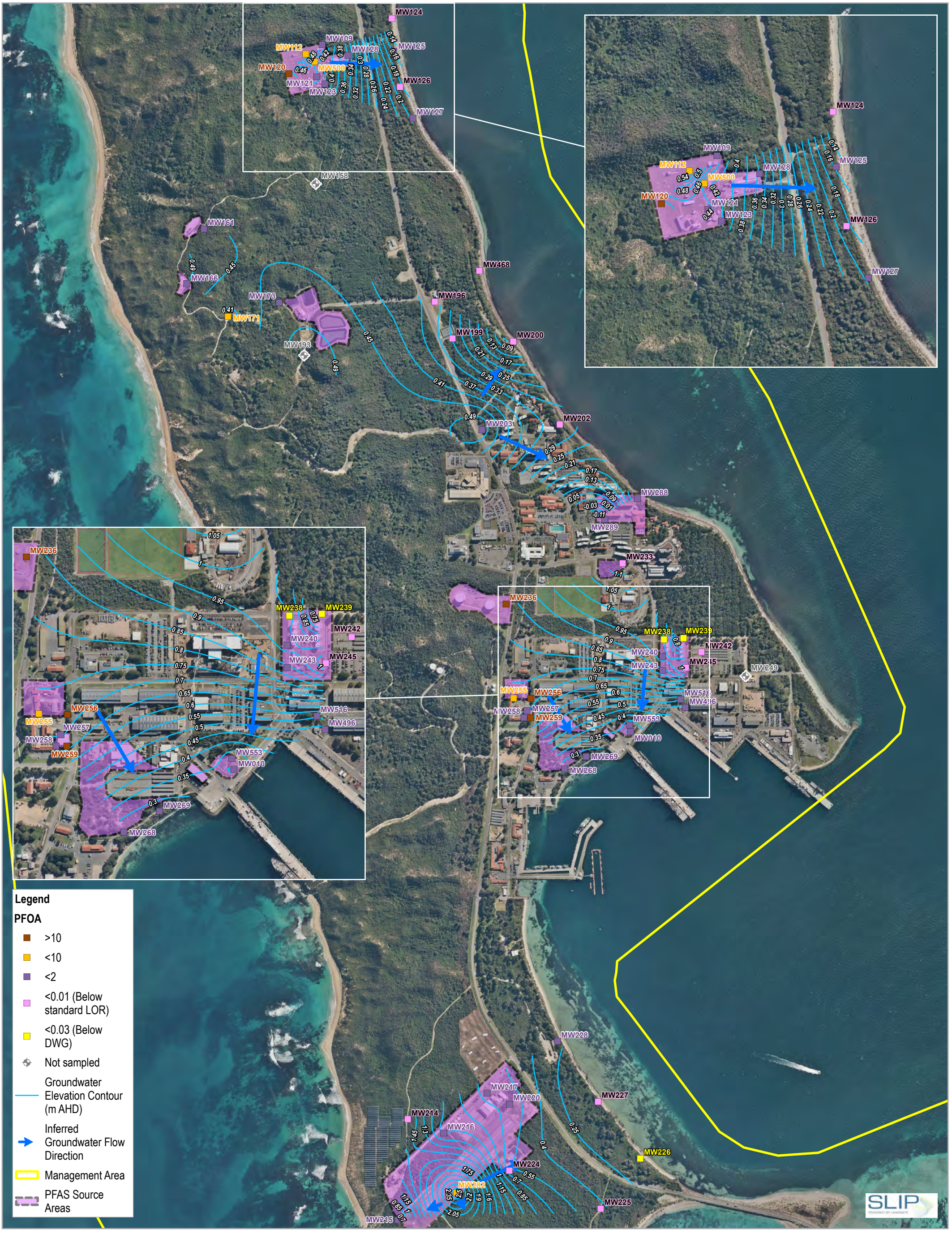
Groundwater PFHxS Concentrations - June 2025

Project No. **12641234**
Revision No. **B**
Date **10/07/2026**

FIGURE 11a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_008a_GroundwaterPFHxS_RevB
Print date: 10 Jul 2026 - 12:16

Data source: WANow: Landgate / SLIP. Created by: shart2


MW124
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MW226
MW282
MW225
MW215
Legend
PFOA
>10
<10
<2
<0.01 (Below standard LOR)
<0.03 (Below DWG)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
N
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
GHD
Department of Defence
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HMAS Stirling
Groundwater PFHxS Concentrations - September 2025
Project No. 12641234
Revision No. 0
Date 10/07/2026
FIGURE 12
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_008_GroundwaterPFHxS_Rev0
Print date: 10 Jul 2026 - 11:20
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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HMAS Stirling

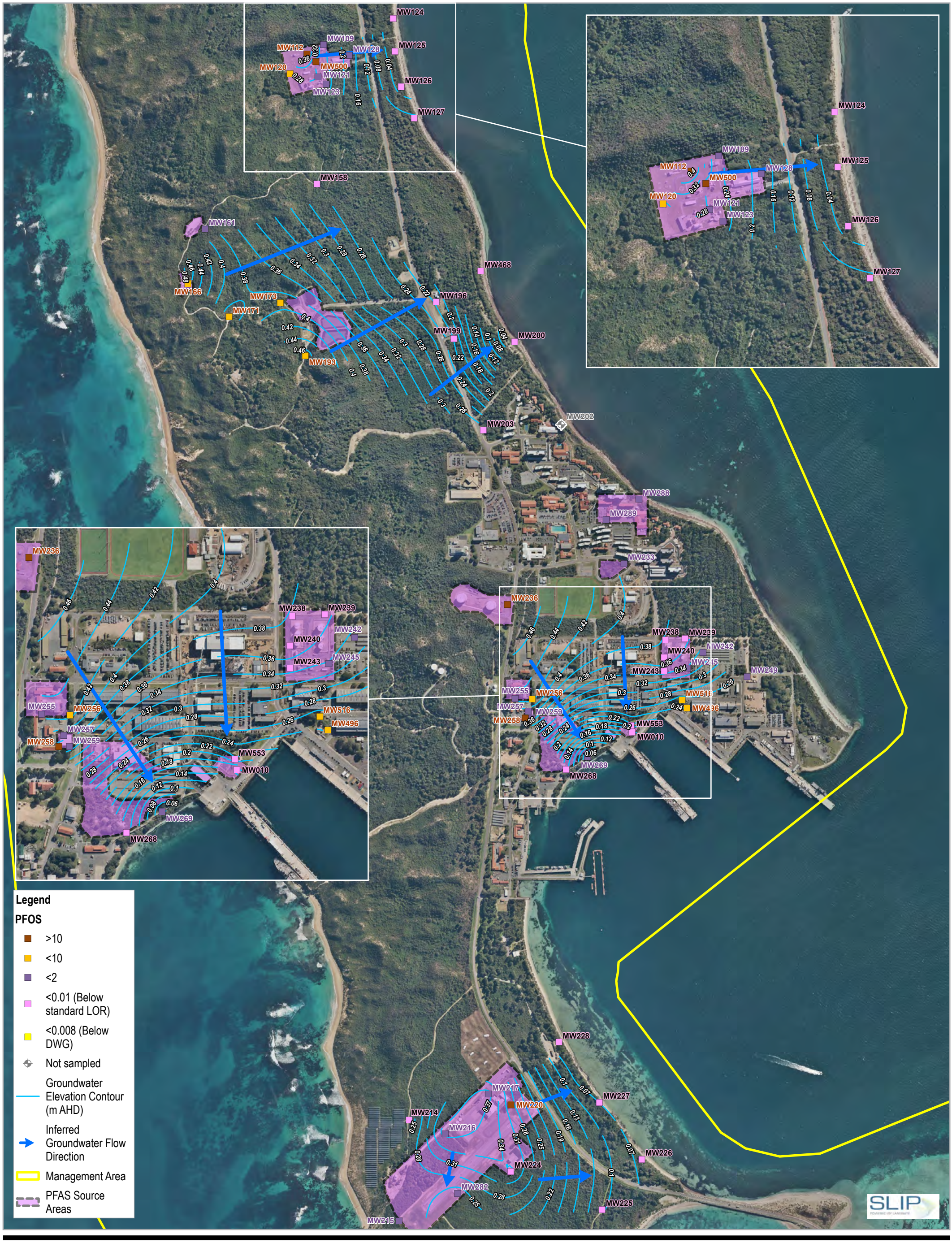
Groundwater PFHxS Concentrations - September 2025

Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 12a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_008a_GroundwaterPFHxS_Rev0
Print date: 10 Jul 2026 - 11:22

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 125 250 375 500

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
PFAS Ongoing Monitoring Plan
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HMAS Stirling

Groundwater PFOS Concentrations - December 2024

Project No. **12641234**
Revision No. **B**
Date **09/07/2026**

FIGURE 13

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_009_GroundwaterPFOS_RevB
Print date: 09 Jul 2026 - 16:41

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
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HMAS Stirling

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Project No. **12641234**
Revision No. **B**
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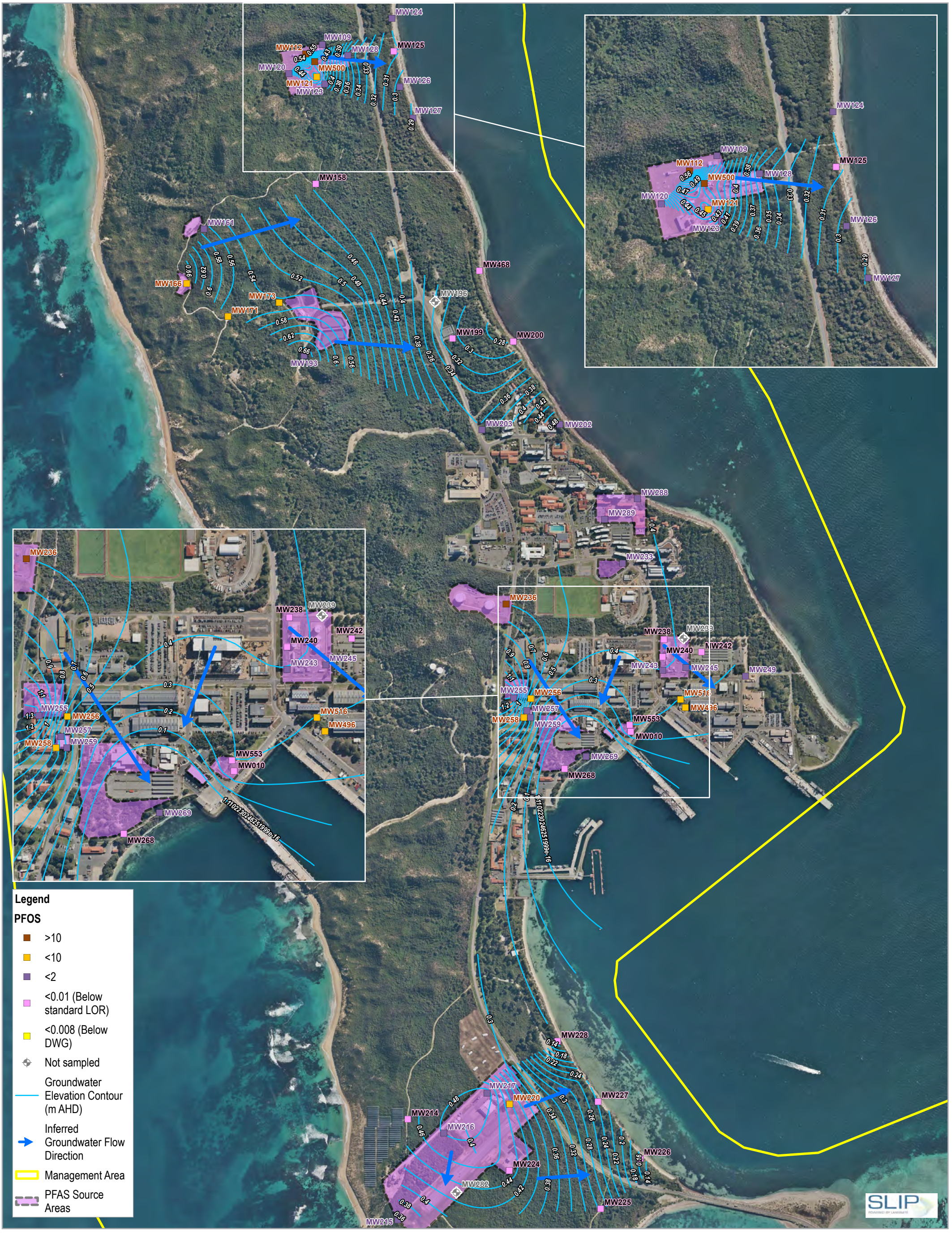
FIGURE 13a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_009a_GroundwaterPFOS_RevB
Print date: 09 Jul 2026 - 16:41

Data source: WANow: Landgate / SLIP. Created by: shart2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MW468
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MW245
MW249
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MW256
MW257
MW258
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MW516
MW496
MW553
MW010
MW269
MW268
MW228
MW217
MW220
MW227
MW214
MW216
MW224
MW282
MW226
MW225
MW215
Legend
PFOS
>10
<10
<2
<0.01 (Below standard LOR)
<0.008 (Below DWG)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
N
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
GHD
Department of Defence
PFAS Ongoing Monitoring Plan
Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling
Groundwater PFOS Concentrations - March 2025
Project No. 12641234
Revision No. C
Date 15/07/2026
FIGURE 14
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_009_GroundwaterPFOS_RevC
Print date: 15 Jul 2026 - 10:13
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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HMAS Stirling

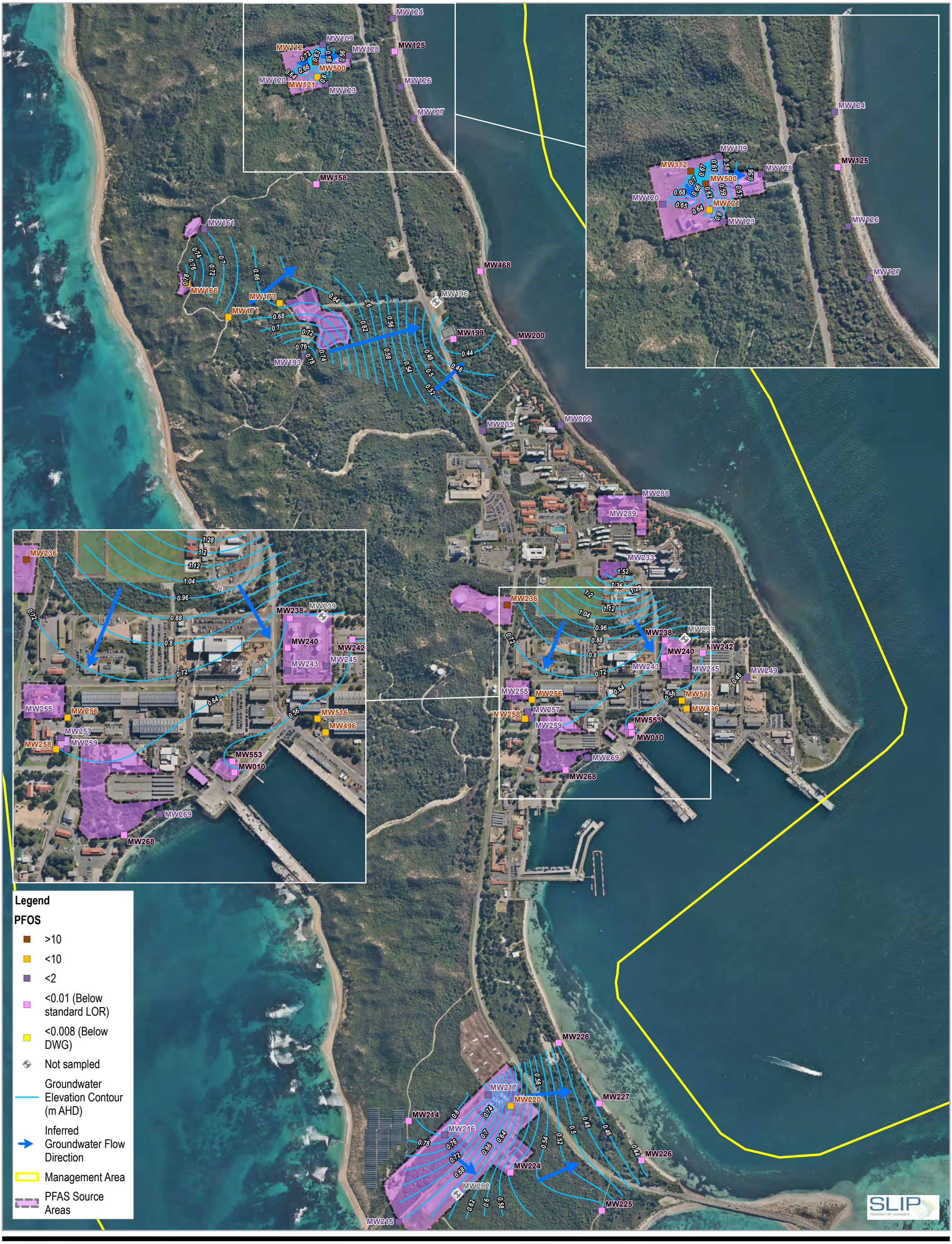
Groundwater PFOS Concentrations - March 2025

Project No. **12641234**
Revision No. **B**
Date **10/07/2026**

FIGURE 14a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_009a_GroundwaterPFOS_RevB
Print date: 10 Jul 2026 - 10:19

Data source: WANow: Landgate / SLIP. Created by: shart2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MW171
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MW240
MW242
MW243
MW245
MW249
MW255
MW256
MW257
MW258
MW259
MW516
MW496
MW553
MW010
MW269
MW268
MW214
MW216
MW217
MW220
MW224
MW282
MW215
MW227
MW226
MW225
MW228
Legend
PFOS
>10
<10
<2
<0.01 (Below standard LOR)
<0.008 (Below DWG)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
N
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
GHD
Department of Defence
PFAS Ongoing Monitoring Plan
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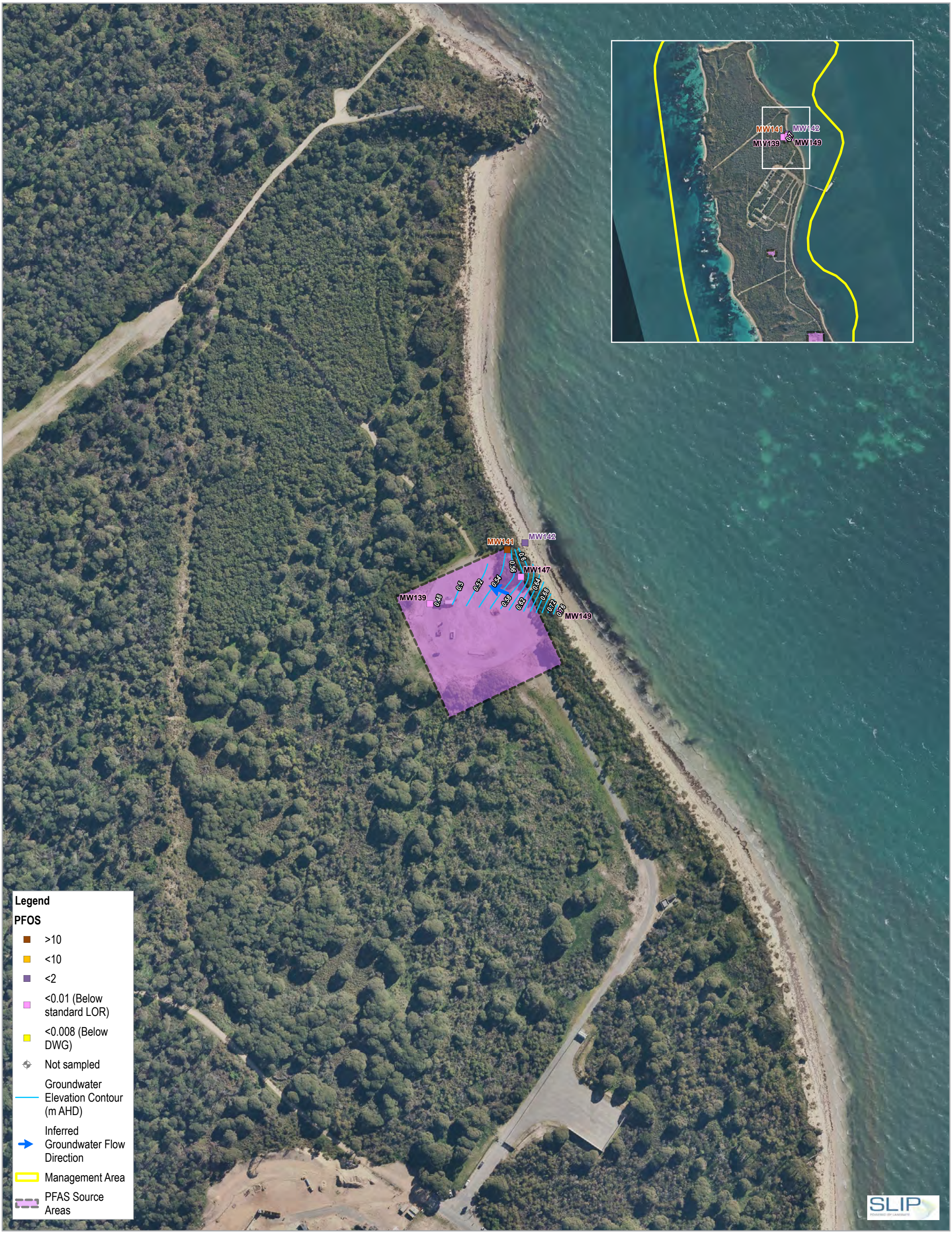
HMAS Stirling
Groundwater PFOS Concentrations - June 2025
Project No. 12641234
Revision No. B
Date 10/07/2026
FIGURE 15
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_009_GroundwaterPFOS_RevB
Print date: 10 Jul 2026 - 12:14
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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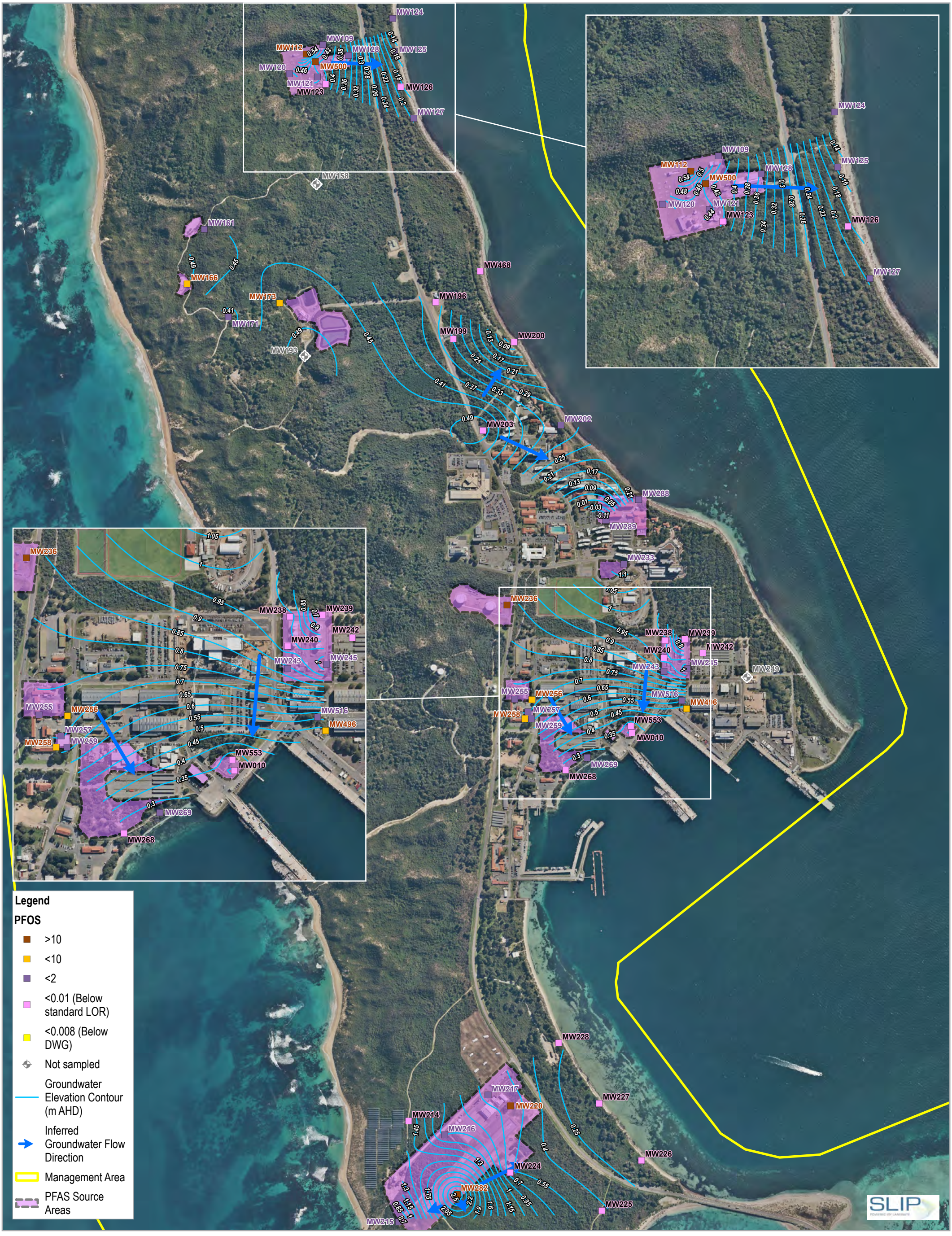
Revision No. **B**
Date **10/07/2026**

FIGURE 15a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_009a_GroundwaterPFOS_RevB
Print date: 10 Jul 2026 - 12:15

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 125 250 375 500

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
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HMAS Stirling

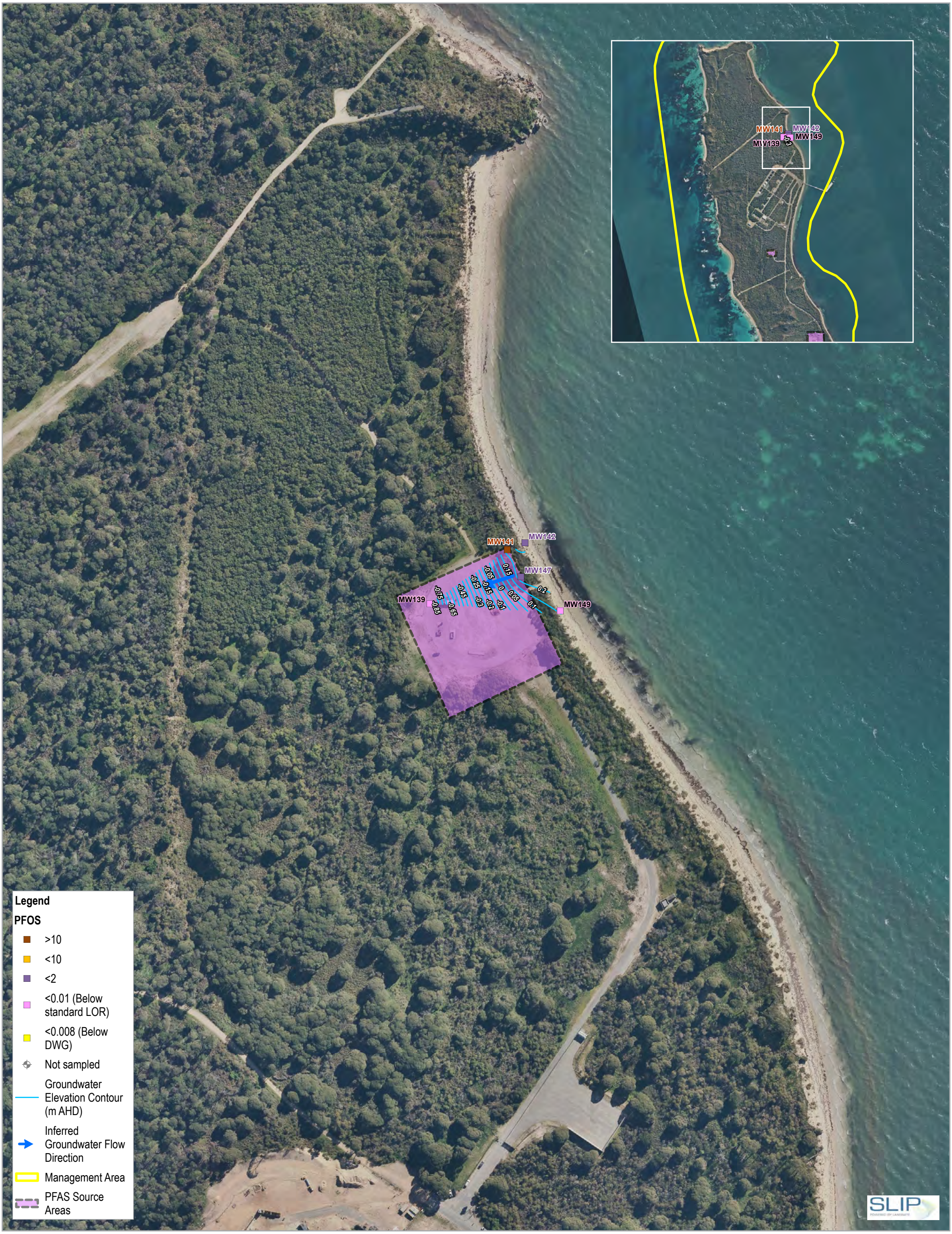
Groundwater PFOS Concentrations - September 2025

Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 16

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_009_GroundwaterPFOS_Rev0
Print date: 10 Jul 2026 - 11:21

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
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Revision No. **0**
Date **10/07/2026**

FIGURE 16a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_009a_GroundwaterPFOS_Rev0
Print date: 10 Jul 2026 - 11:22

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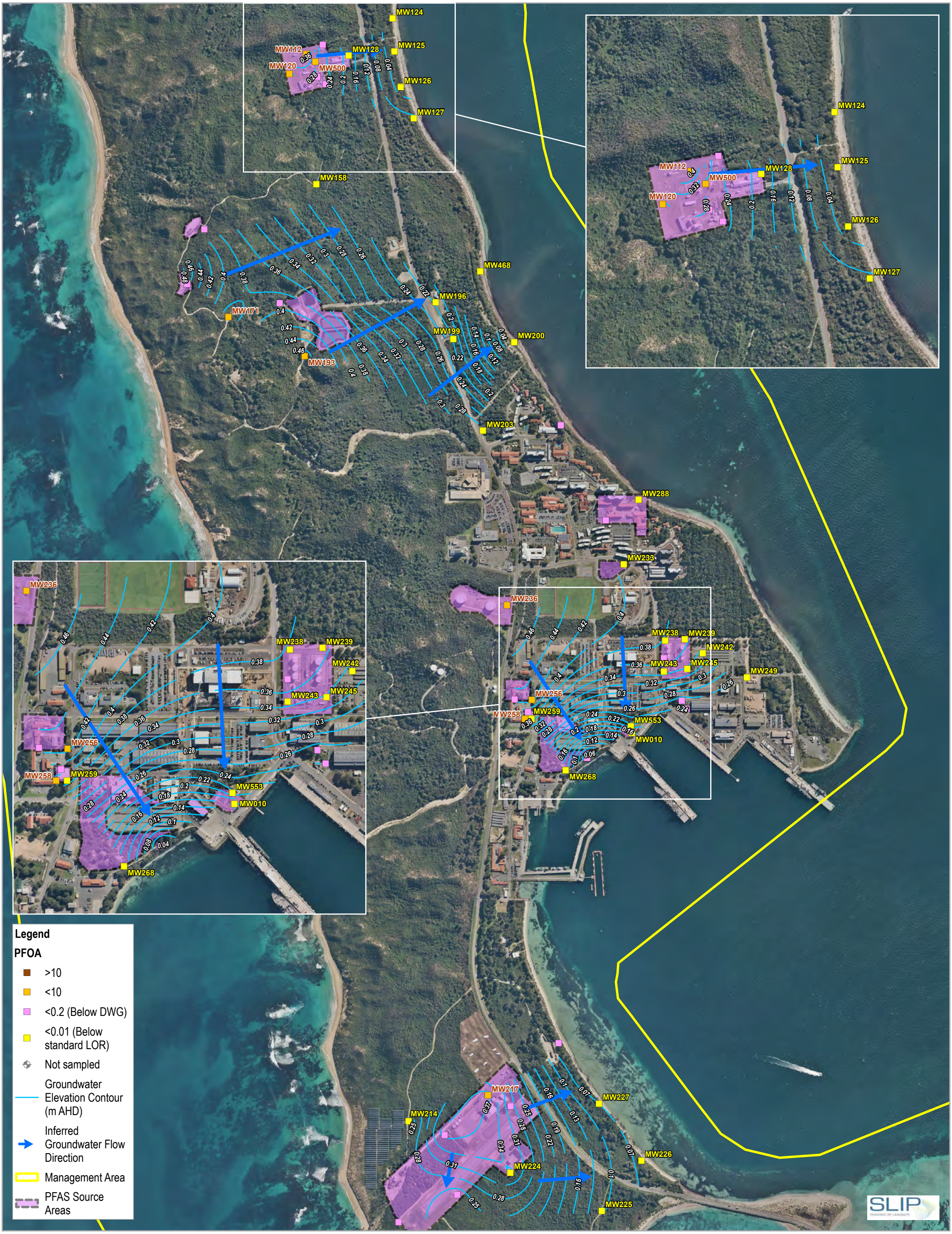

Paper Size ISO A3

0 125 250 375 500

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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HMAS Stirling

Groundwater PFOA Concentrations - December 2024

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Revision No. **B**
Date **09/07/2026**

FIGURE 17

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_010_GroundwaterPFOA_RevB
Print date: 09 Jul 2026 - 16:41

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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HMAS Stirling

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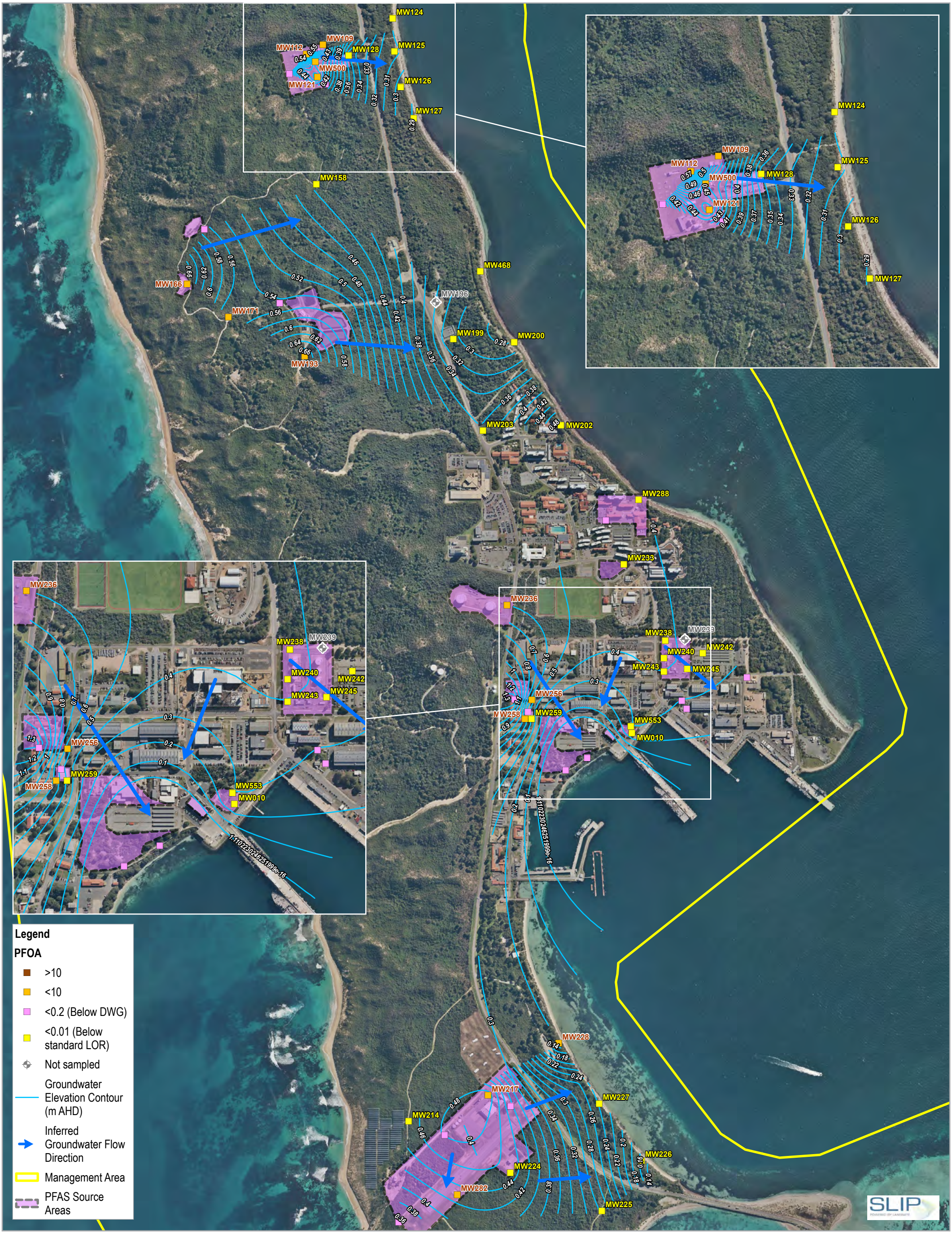
Project No. **12641234**
Revision No. **B**
Date **09/07/2026**

FIGURE 17a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_010a_GroundwaterPFOA_RevB
Print date: 09 Jul 2026 - 16:41

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 125 250 375 500

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
PFAS Ongoing Monitoring Plan
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Groundwater PFOA Concentrations - March 2025

Project No. **12641234**
Revision No. **C**
Date **15/07/2026**

FIGURE 18

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_010_GroundwaterPFOA_RevC
Print date: 15 Jul 2026 - 10:13

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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Revision No. **B**
Date **10/07/2026**

FIGURE 18a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_010a_GroundwaterPFOA_RevB
Print date: 10 Jul 2026 - 10:18

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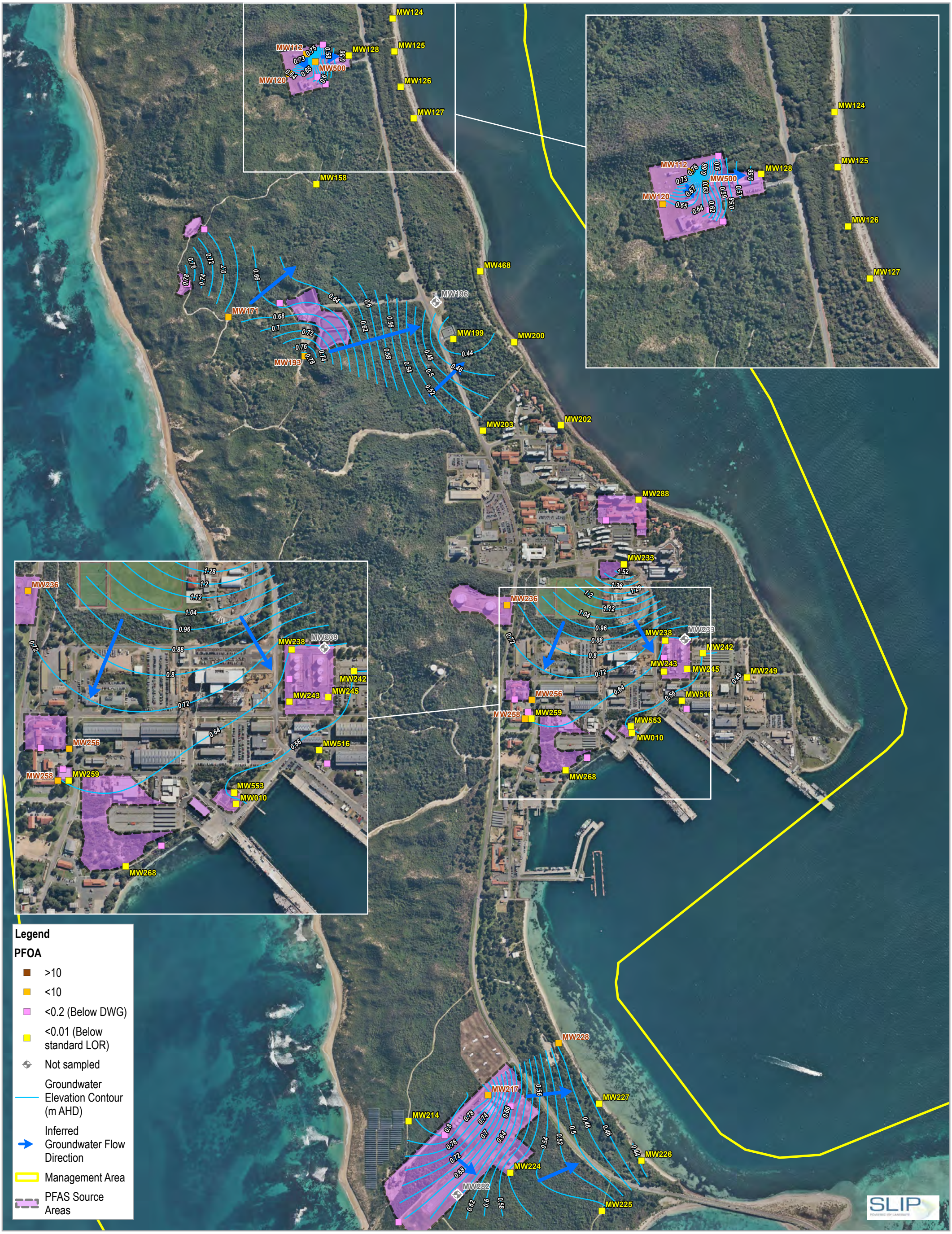
MW124
MW125
MW126
MW127
MW128
MW112
MW500
MW120
MW158
MW468
MW196
MW171
MW199
MW200
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MW203
MW202
MW288
MW233
MW236
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MW239
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MW249
MW256
MW516
MW258
MW259
MW553
MW010
MW268
MW228
MW217
MW227
MW214
MW224
MW226
MW282
MW225
SLIP
Legend
PFOA
>10
<10
<0.2 (Below DWG)
<0.01 (Below standard LOR)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
N
GHD
Department of Defence
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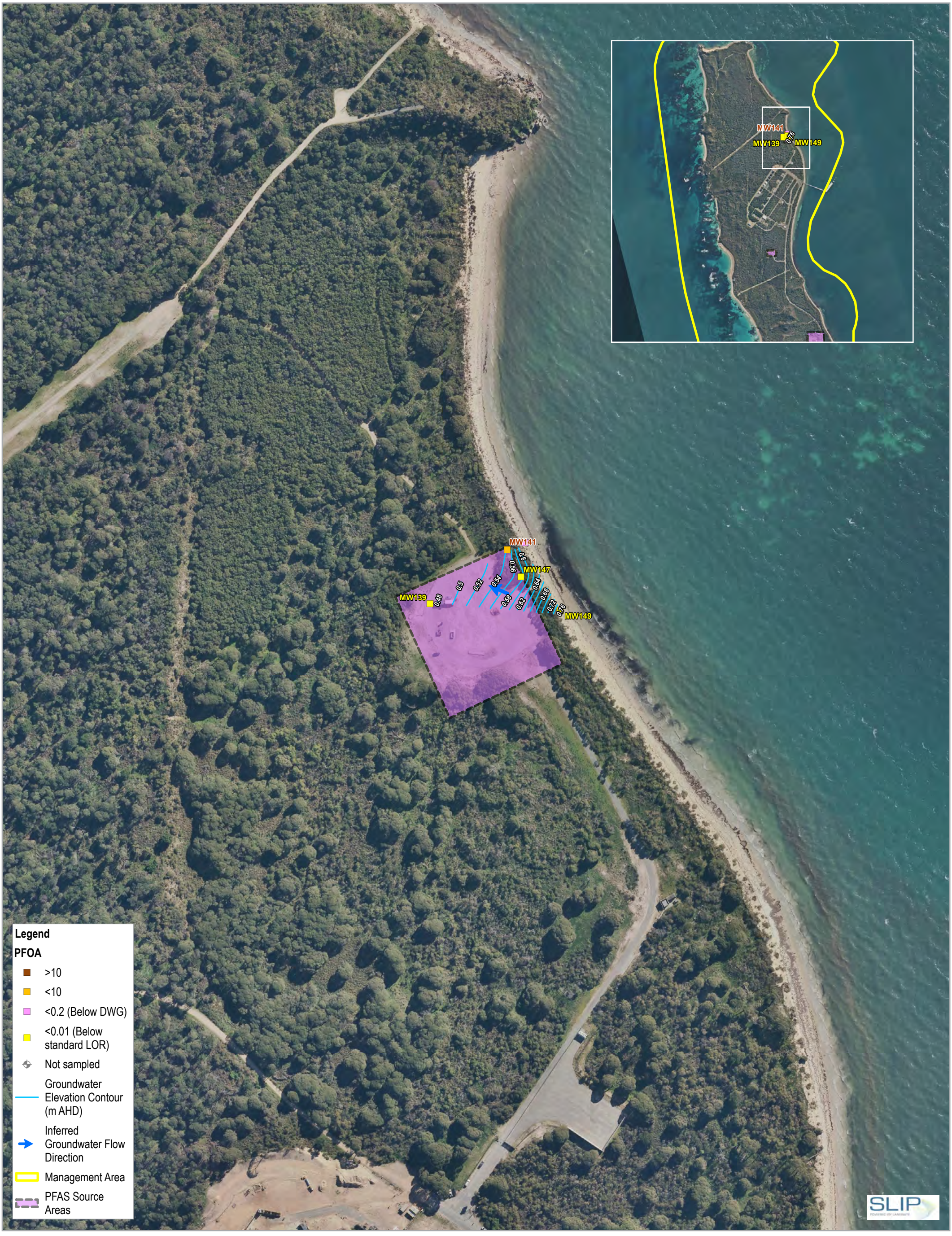
Groundwater PFOA Concentrations - June 2025
Project No. 12641234
Revision No. B
Date 10/07/2026
FIGURE 19
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_010_GroundwaterPFOA_RevB
Print date: 10 Jul 2026 - 12:14
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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PFAS Ongoing Monitoring Plan
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HMAS Stirling

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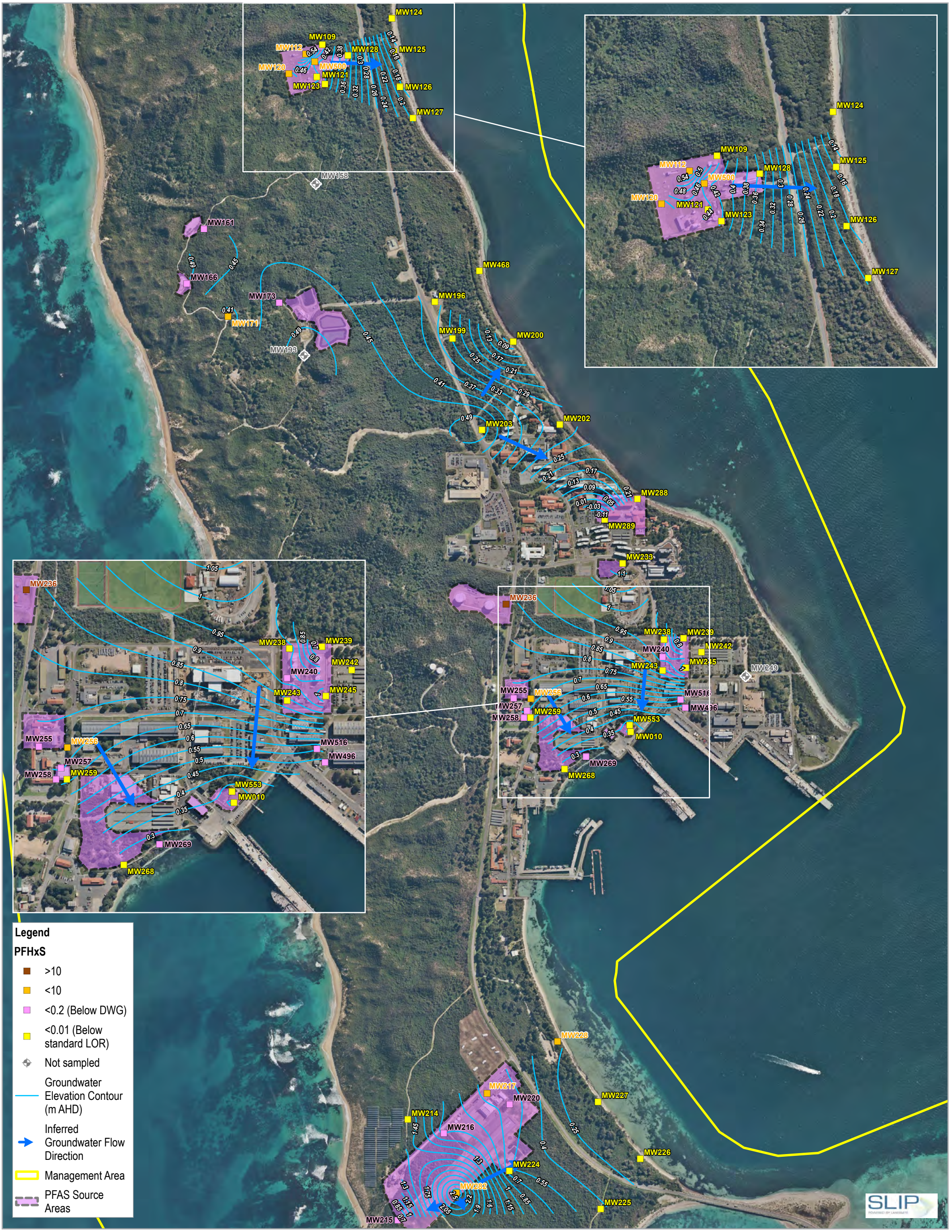
FIGURE 19a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_010a_GroundwaterPFOA_RevB
Print date: 10 Jul 2026 - 12:15

Data source: WANow: Landgate / SLIP. Created by: shart2


MW124
MW109
MW112
MW128
MW125
MW120
MW500
MW121
MW123
MW126
MW127
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MW161
MW166
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MW171
MW193
MW468
MW196
MW199
MW200
MW202
MW203
MW288
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MW238
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MW242
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MW255
MW256
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MW258
MW259
MW516
MW496
MW553
MW010
MW269
MW268
MW249
MW228
MW217
MW220
MW227
MW214
MW216
MW226
MW224
MW282
MW225
MW215
Legend
PFHxS
>10
<10
<0.2 (Below DWG)
<0.01 (Below standard LOR)
Not sampled
Groundwater Elevation Contour (m AHD)
Inferred Groundwater Flow Direction
Management Area
PFAS Source Areas
Paper Size ISO A3
0 125 250 375 500
Metres
N
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50
GHD
Department of Defence
PFAS Ongoing Monitoring Plan
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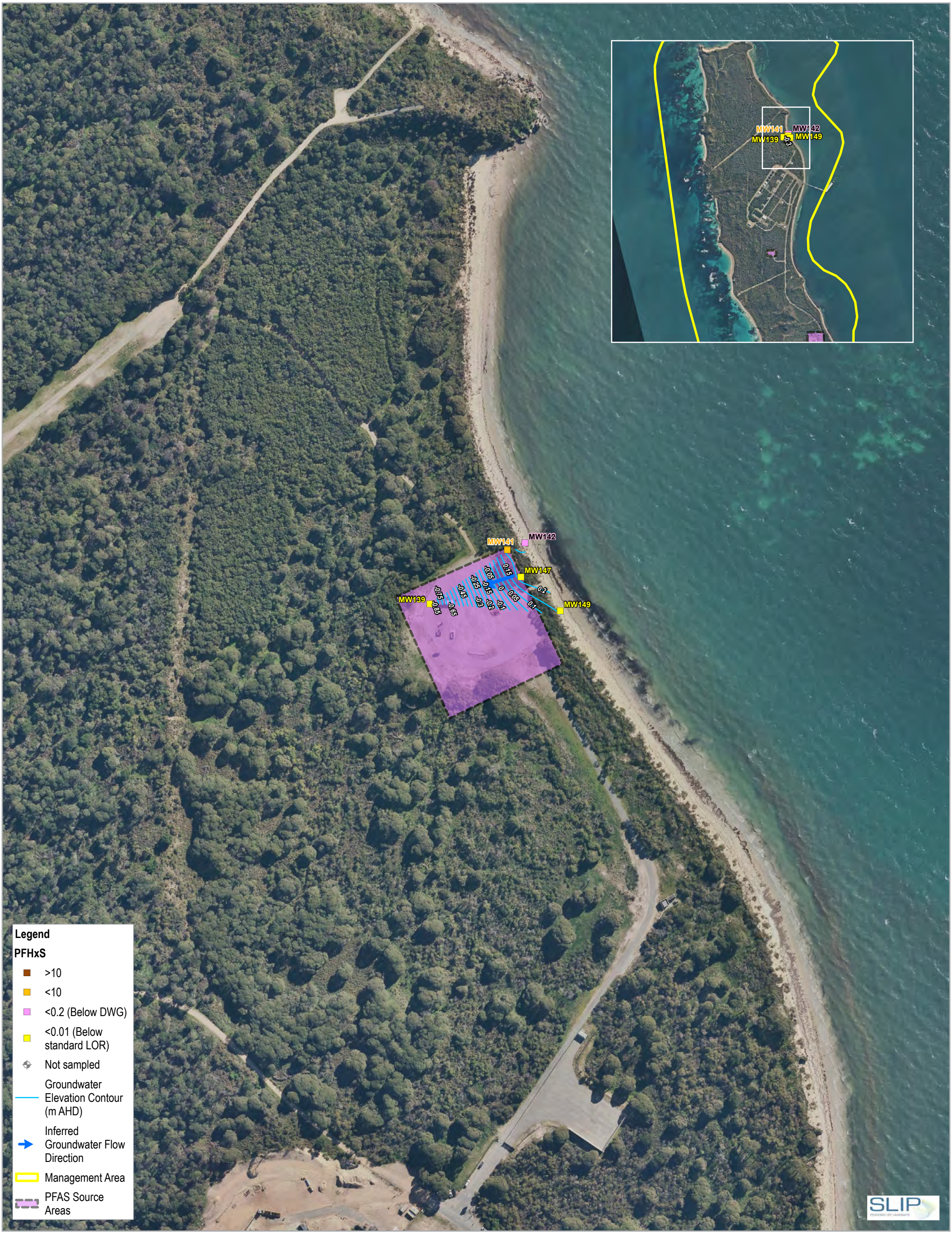
HMAS Stirling
Groundwater PFOA Concentrations - September 2025
Project No. 12641234
Revision No. 0
Date 10/07/2026
FIGURE 20
\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_010_GroundwaterPFOA_Rev0
Print date: 10 Jul 2026 - 11:21
Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
PFAS Ongoing Monitoring Plan
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HMAS Stirling

Groundwater PFOA Concentrations - September 2025

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Revision No. **0**
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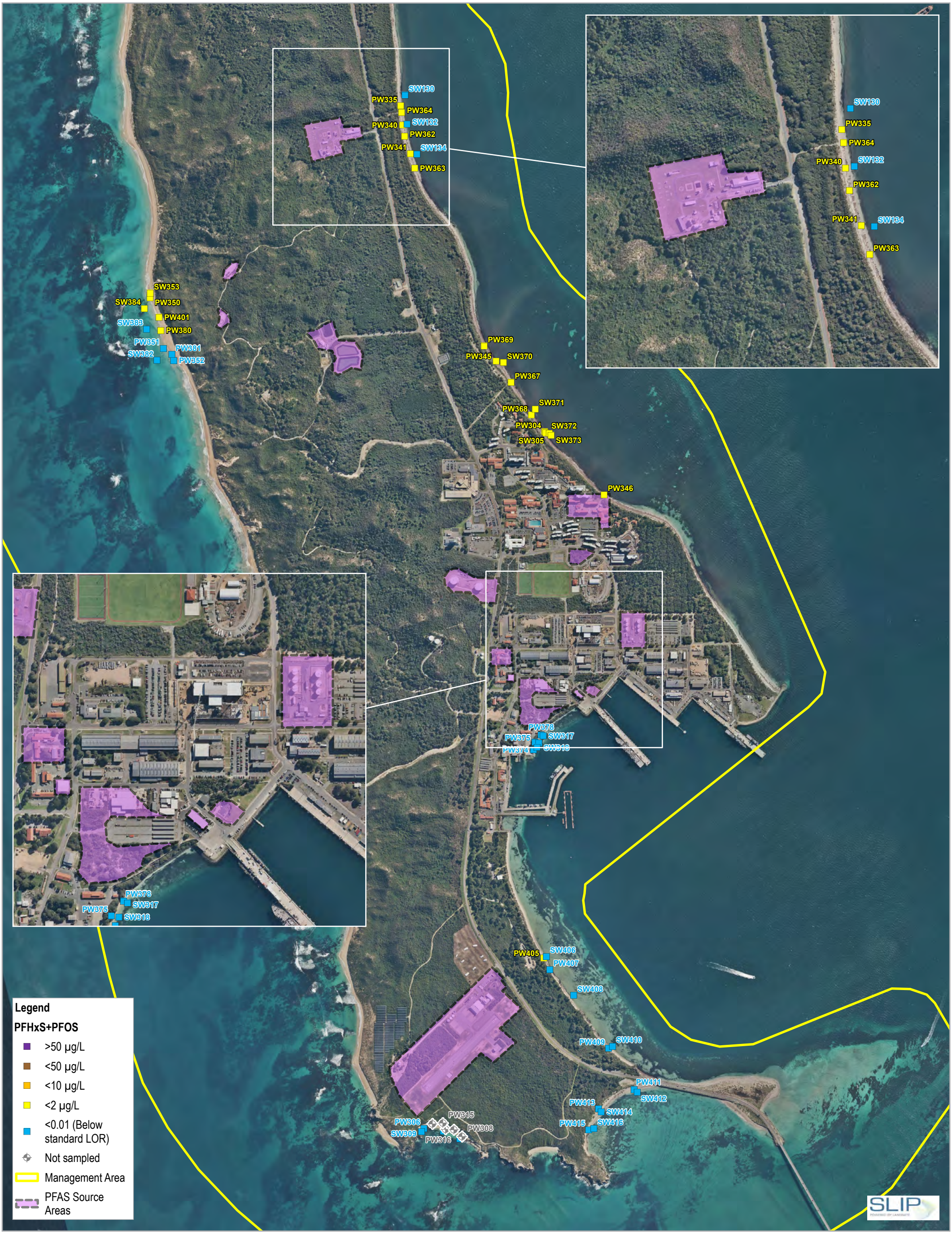
FIGURE 20a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_010a_GroundwaterPFOA_Rev0
Print date: 10 Jul 2026 - 11:21

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 150 300 450 600

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
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HMAS Stirling

Surface Water and Pore Water PFHxS + PFOS Concentrations - December 2024

Project No. **12641234**
Revision No. **C**
Date **14/07/2026**

FIGURE 21

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_011_SW_PW_PFHxS_PFOS_RevC
Print date: 14 Jul 2026 - 16:57

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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HMAS Stirling

Surface Water and Pore Water PFHxS + PFOS Concentrations - December 2024

Project No. **12641234**
Revision No. **B**
Date **09/07/2026**

FIGURE 21a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_011a_SW_PW_PFHxS_PFOS_RevB
Print date: 09 Jul 2026 - 16:16

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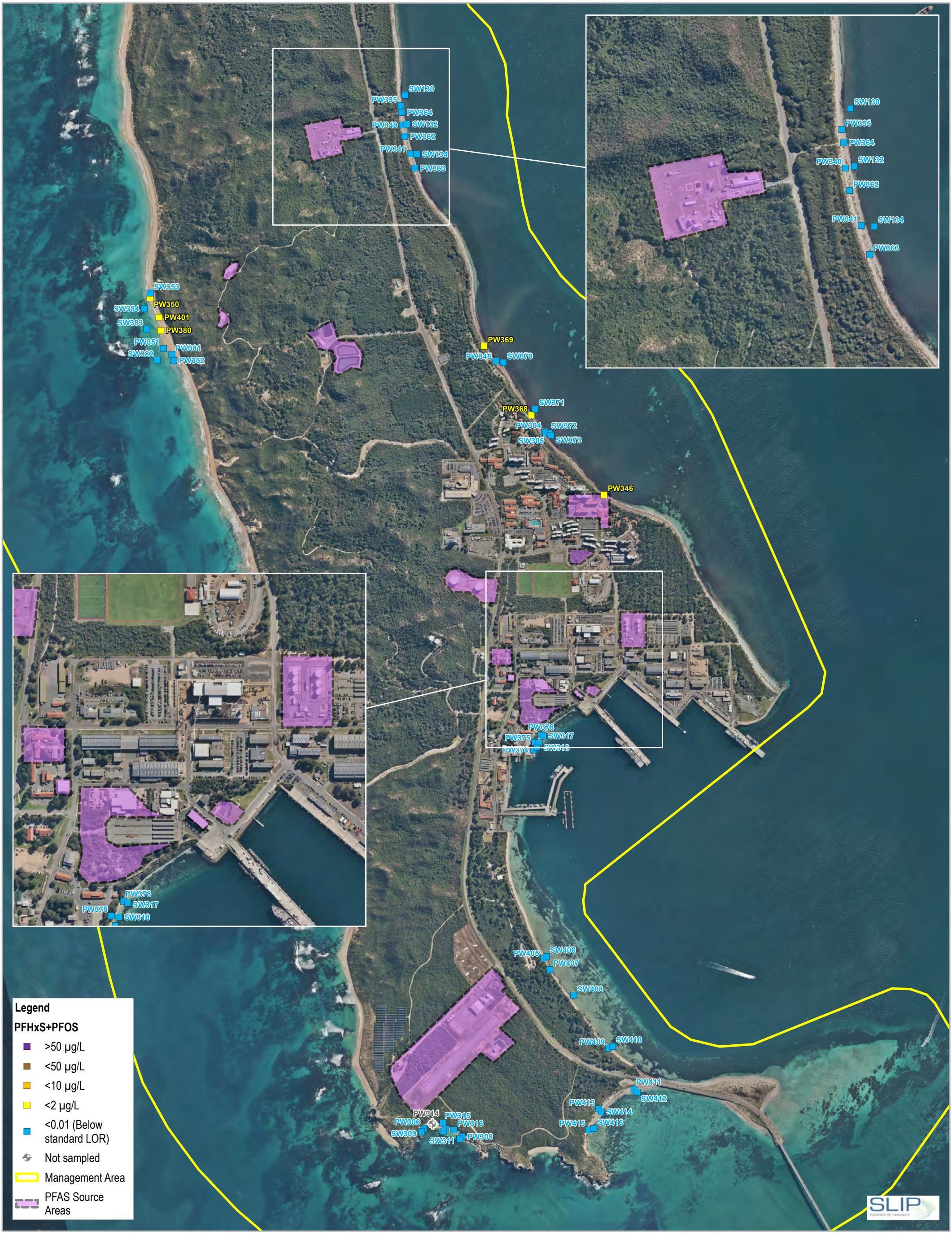

Paper Size ISO A3

0 125 250 375 500

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

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Surface Water and Pore Water PFHxS + PFOS Concentrations - March 2025

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FIGURE 22

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_011_SW_PW_PFHxS_PFOS_RevC
Print date: 15 Jul 2026 - 10:14

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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Revision No. **B**
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FIGURE 22a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEMar25\12641234_HMASStirlingQSEMar25.aprx\12641234_HMASStirlingQSEMar25_011a_SW_PW_PFHxS_PFOS_RevB
Print date: 10 Jul 2026 - 10:18

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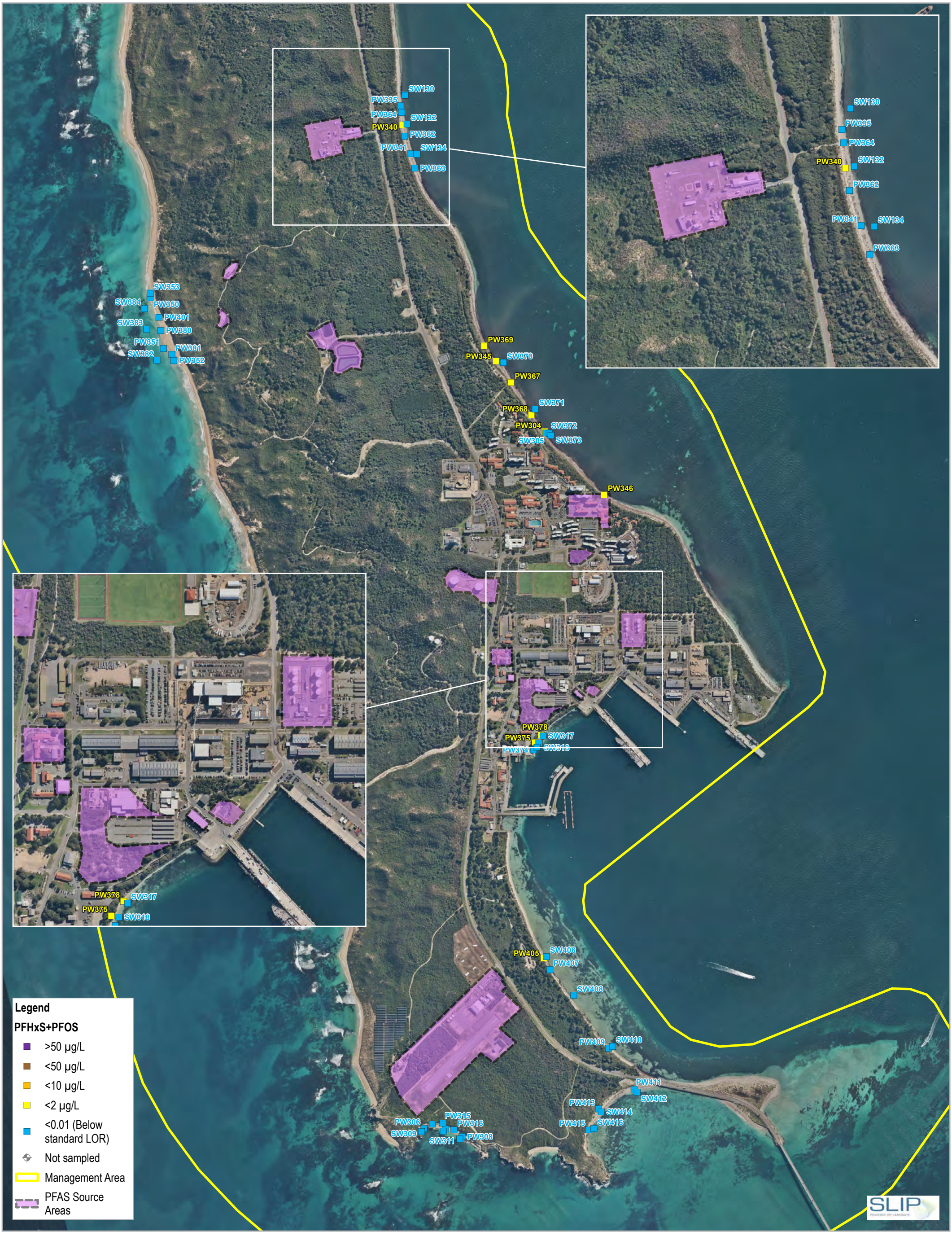

Paper Size ISO A3

0 125 250 375 500

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

Department of Defence
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FIGURE 23

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_011_SW_PW_PFHxS_PFOS_RevC
Print date: 15 Jul 2026 - 10:27

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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FIGURE 23a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_011a_SW_PW_PFHxS_PFOS_RevB
Print date: 10 Jul 2026 - 12:15

Data source: WANow: Landgate / SLIP. Created by: shart2

SW130
PW335
PW364
PW340
SW132
PW362
PW341
SW134
PW363
SW353
SW384
PW350
PW401
SW383
PW380
PW351
PW381
SW382
PW352
PW369
PW345
SW370
PW367
SW371
PW368
PW304
SW372
SW305
SW373
PW346
PW378
SW317
PW375
SW318
SW319
PW405
SW406
PW407
SW408
PW409
SW410
PW411
SW412

Legend

PFHxS+PFOS

- >50 µg/L
- <50 µg/L
- <10 µg/L
- <2 µg/L
- <0.01 (Below standard LOR)
- Not sampled
- Management Area
- PFAS Source Areas

Paper Size ISO A3

0 125 250 375 500

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

GHD

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Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 24

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_011_SW_PW_PFHxS_PFOS_Rev0
Print date: 10 Jul 2026 - 11:21

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

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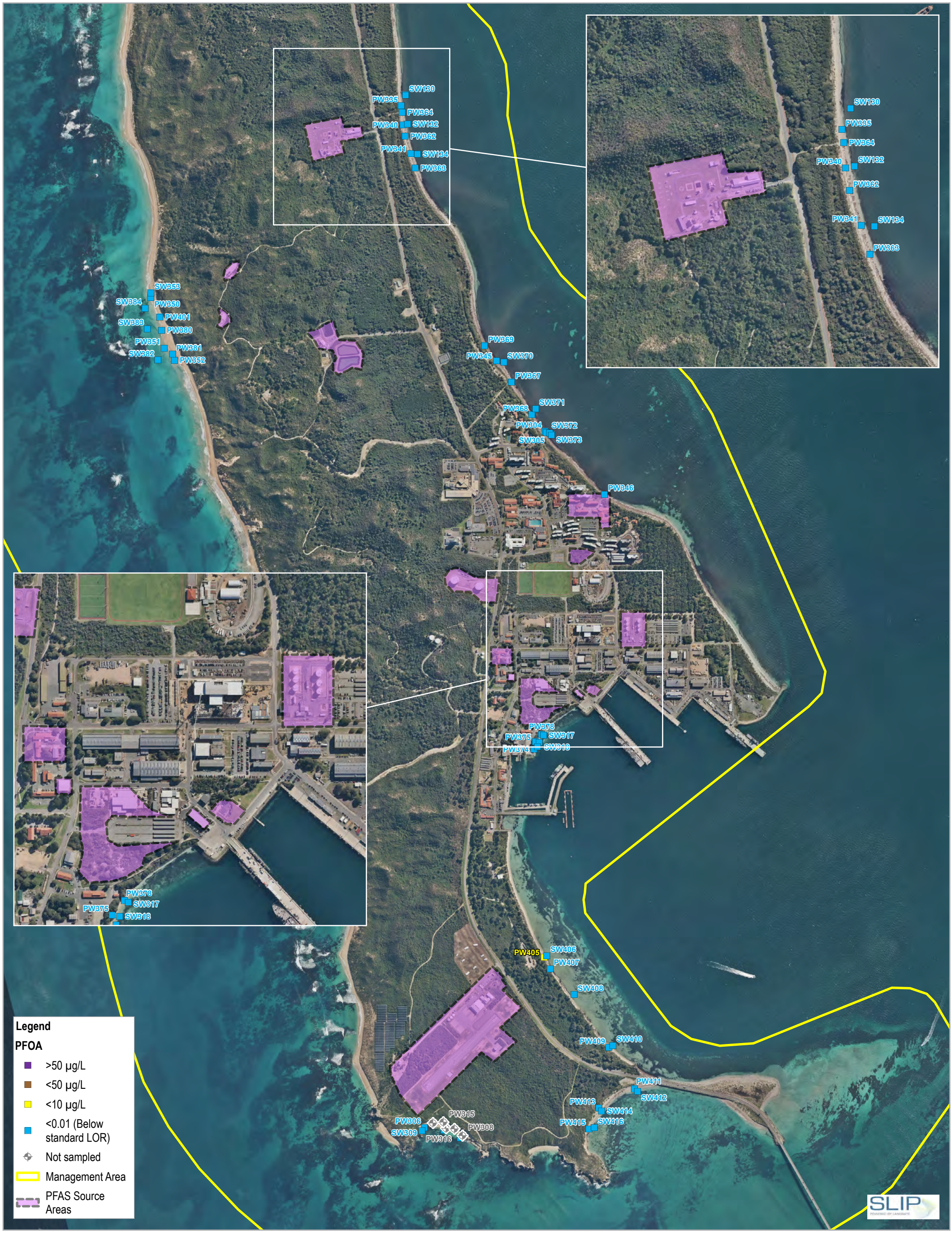
Surface Water and Pore Water PFHxS + PFOS Concentrations - September 2025

Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 24a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_011a_SW_PW_PFHxS_PFOS_Rev0
Print date: 10 Jul 2026 - 11:21

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 150 300 450 600

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

GHD

Department of Defence
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HMAS Stirling

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Project No. **12641234**
Revision No. **C**
Date **14/07/2026**

FIGURE 25

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_012_SW_PW_PFOA_RevC
Print date: 14 Jul 2026 - 17:00

Data source: WANow: Landgate / SLIP. Created by: shart2



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Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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PFAS Ongoing Monitoring Plan
Ongoing Monitoring Report Dec 2023 - Sept 2024
HMAS Stirling

Surface Water and Pore Water PFOA Concentrations - December 2024

Project No. **12641234**
Revision No. **B**
Date **09/07/2026**

FIGURE 25a

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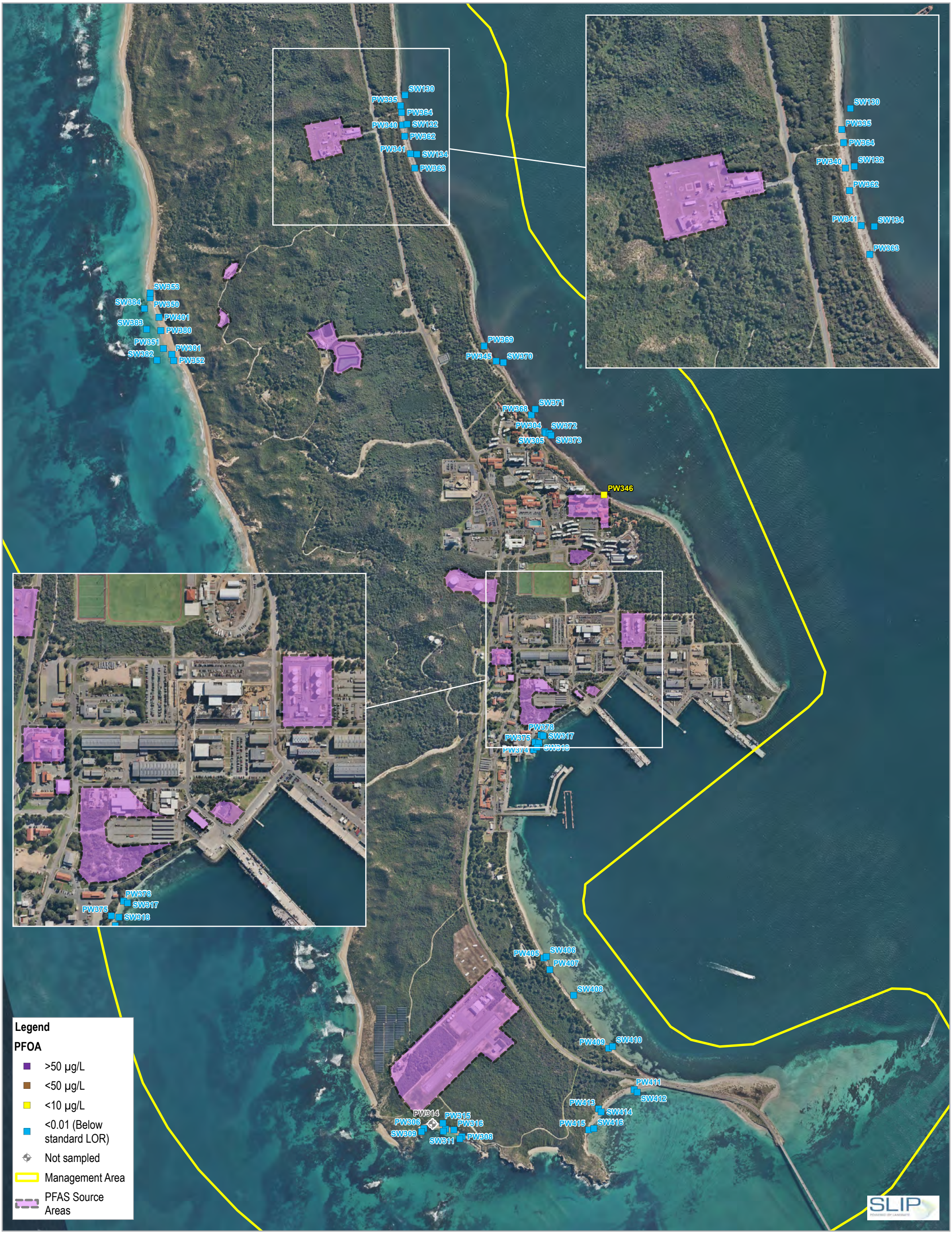

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Metres

Map Projection: Transverse Mercator
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Grid: GDA 1994 MGA Zone 50

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Department of Defence
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Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling

Surface Water and Pore Water PFOA Concentrations - March 2025

Project No. **12641234**
Revision No. **C**
Date **15/07/2026**

FIGURE 26

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Print date: 15 Jul 2026 - 10:15

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Paper Size ISO A3

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Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling

Surface Water and Pore Water PFOA Concentrations - March 2025

Project No. **12641234**
Revision No. **B**
Date **10/07/2026**

FIGURE 26a

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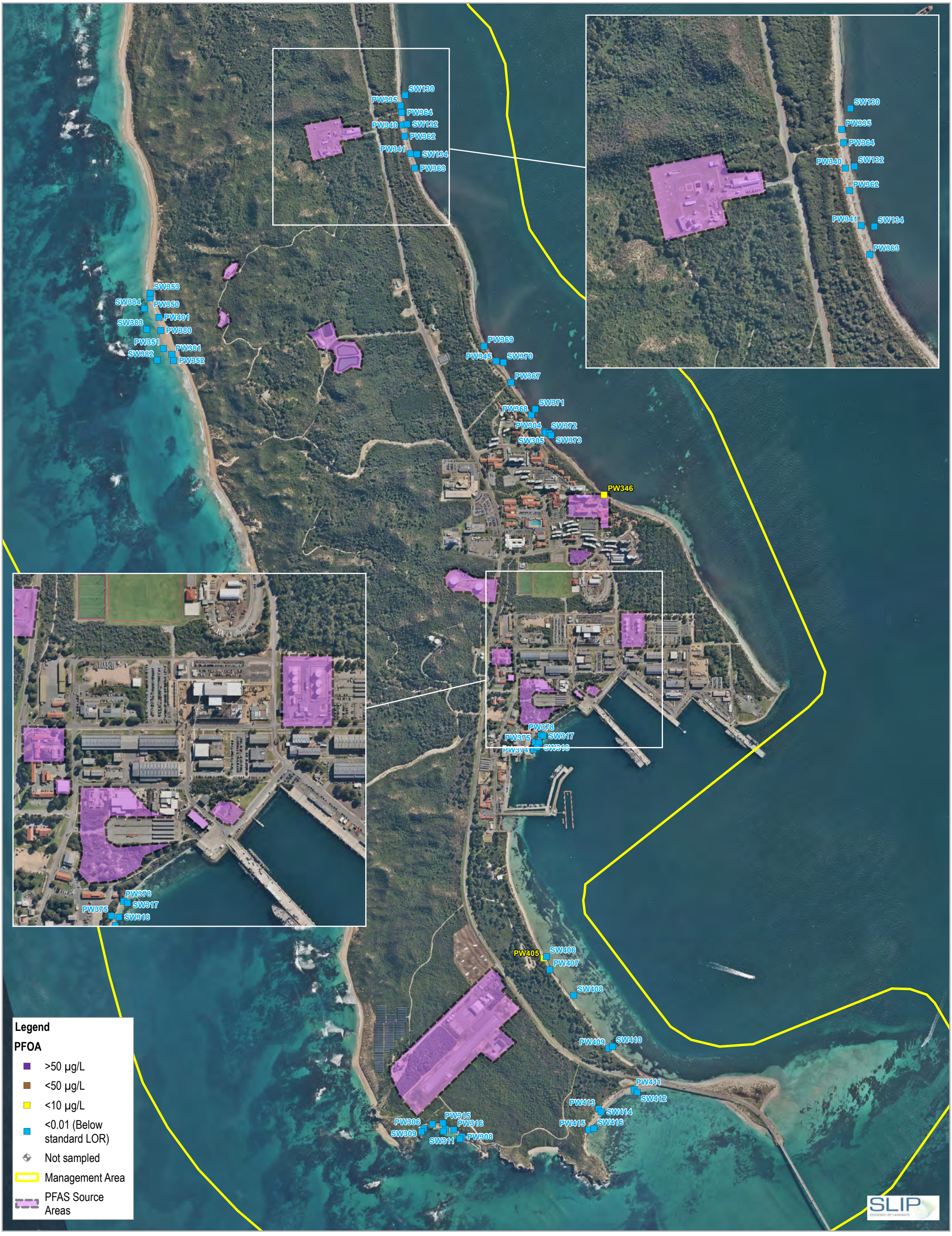

Paper Size ISO A3

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Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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Revision No. **C**
Date **15/07/2026**

FIGURE 27

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Paper Size ISO A3

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Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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Project No. **12641234**
Revision No. **B**
Date **10/07/2026**

FIGURE 27a

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SW132
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SW134
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SW353
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PW401
SW383
PW380
PW351
PW381
SW382
PW352
PW369
PW345
SW370
PW367
SW371
PW368
PW304
SW372
SW305
SW373
PW346
PW378
SW317
PW375
SW318
SW319
PW405
SW406
PW407
SW408
PW409
SW410
PW411
SW412

Legend

PFOA

- >50 µg/L
- <50 µg/L
- <10 µg/L
- <0.01 (Below standard LOR)
- Not sampled
- Management Area
- PFAS Source Areas

Paper Size ISO A3

0 125 250 375 500

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

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Ongoing Monitoring Report Dec 2023 - Sept 2025
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Surface Water and Pore Water PFOA Concentrations - September 2025

Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 28

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_012_SW_PW_PFOA_Rev0
Print date: 10 Jul 2026 - 11:22

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 28a

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SD364
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SD380
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SD352
SD331
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SD304
SD346
SD378
SD375
SD374
SD405
SD407
SD409
SD411
SD413
SD415
PW314
PW315
PW308
SD306
SD308

Legend

PFAS

- >LOR
- <LOR
- Not sampled
- Management Area
- PFAS Source Areas

Paper Size ISO A3

0 150 300 450 600

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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HMAS Stirling

Sediment PFAS Concentrations - December 2024

Project No. **12641234**
Revision No. **C**
Date **14/07/2026**

FIGURE 29

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEDec24\12641234_HMASStirlingQSEDec24.aprx\12641234_HMASStirlingQSEDec24_013_SedimentPFAS_RevC
Print date: 14 Jul 2026 - 17:00

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

0 25 50 75 100

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling

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Project No. **12641234**
Revision No. **B**
Date **09/07/2026**

FIGURE 29a

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SD304
SD346
SD378
SD375
SD374
SD405
SD407
SD409
SD411
SD413
SD415
PW314
SD315
SD316
SD306
SD308

Legend

PFAS

- >LOR
- <LOR
- Not sampled
- Management Area
- PFAS Source Areas

Paper Size ISO A3

0 125 250 375 500

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

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PFAS Ongoing Monitoring Plan
Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling

Sediment PFAS Concentrations - March 2025

Project No. **12641234**
Revision No. **C**
Date **15/07/2026**

FIGURE 30

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Paper Size ISO A3

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Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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HMAS Stirling

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Revision No. **B**
Date **10/07/2026**

FIGURE 30a

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SD304
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SD378
SD375
SD374
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SD315
SD306
SD316
SD307
SD308

Legend

PFAS

- >LOR
- <LOR
- Not sampled
- Management Area
- PFAS Source Areas

Paper Size ISO A3

0 125 250 375 500

Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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Ongoing Monitoring Report Dec 2023 - Sept 2025
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Sediment PFAS Concentrations - June 2025

Project No. **12641234**
Revision No. **C**
Date **15/07/2026**

FIGURE 31

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Print date: 15 Jul 2026 - 10:28

Data source: WANow: Landgate / SLIP. Created by: shart2



Paper Size ISO A3

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Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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HMAS Stirling

Sediment PFAS Concentrations - June 2025

Project No. **12641234**
Revision No. **B**
Date **10/07/2026**

FIGURE 31a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSEJun25\12641234_HMASStirlingQSEJun25.aprx\12641234_HMASStirlingQSEJun25_013a_SedimentPFAS_RevB
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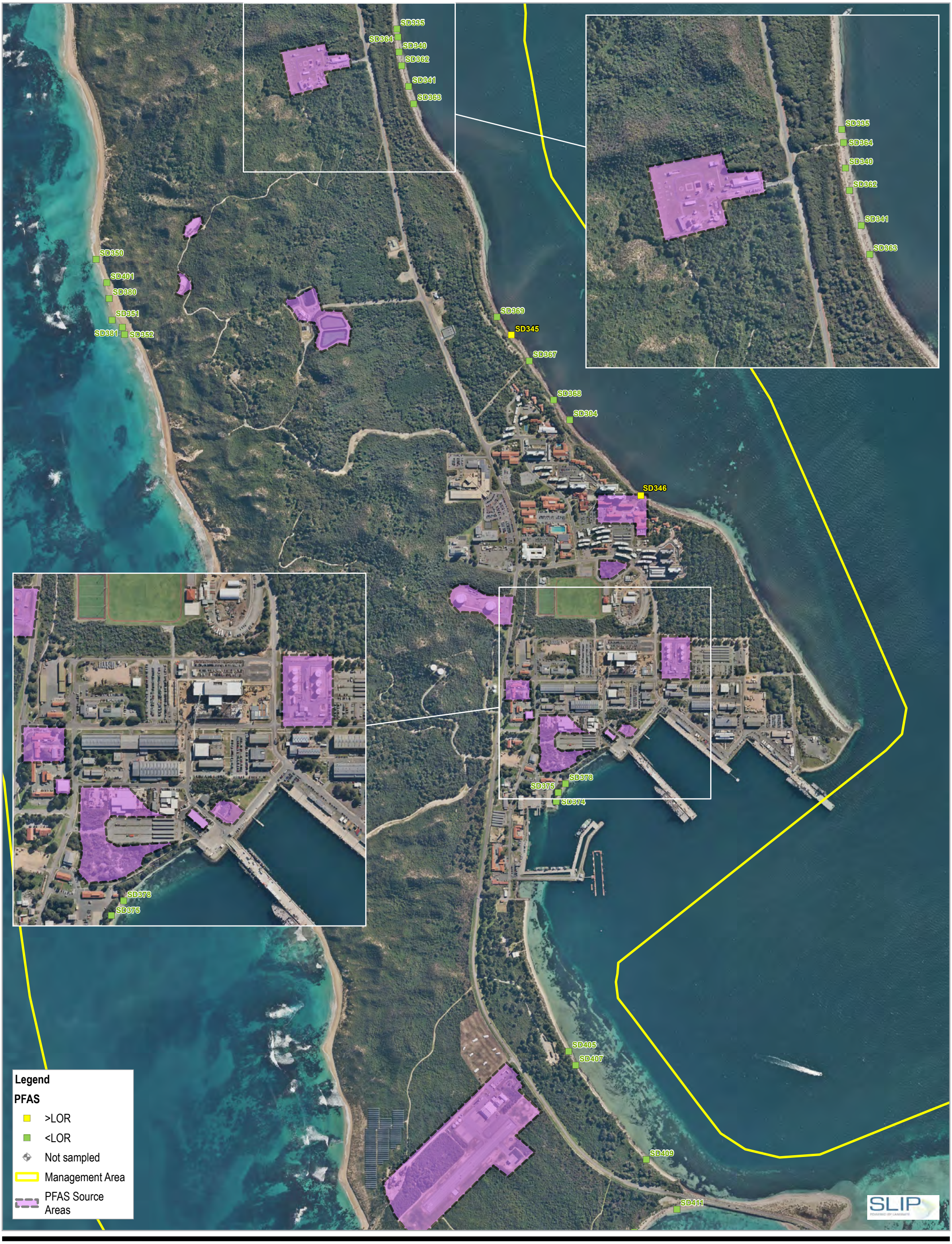

Paper Size ISO A3

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Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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HMAS Stirling

Sediment PFAS Concentrations - September 2025

Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 32

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Paper Size ISO A3

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Metres

N

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

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Ongoing Monitoring Report Dec 2023 - Sept 2025
HMAS Stirling

Sediment PFAS Concentrations - September 2025

Project No. **12641234**
Revision No. **0**
Date **10/07/2026**

FIGURE 32a

\\ghdnet\ghd\AU\Perth\Projects\61\12641234\GIS\Maps\Working\12641234_HMASStirlingQSESep25\12641234_HMASStirlingQSESep25.aprx\12641234_HMASStirlingQSESep25_013a_SedimentPFAS_Rev0
Print date: 10 Jul 2026 - 11:22

Data source: WANow: Landgate / SLIP. Created by: shart2

Appendix B

Sampling analysis and quality plans

Sampling and Analysis Quality Plan

PFAS Ongoing Monitoring Plan, HMAS Striling

Department of Defence

8 April 2025

→ The Power of Commitment



Project name		Defence PFASIM LC WA					
Document title		Sampling and Analysis Quality Plan | PFAS Ongoing Monitoring Plan, HMAS Striling					
Project number		12641234					
File name		12641234_PFAS-OMP_SAQP_Stirling					
Status Code	**Revision**	**Author**	**Reviewer**		**Approved for issue**		
			Name	**Signature**	**Name**	**Signature**	**Date**
S3	A (Draft)						13/03/25
S4	0						08/04/25

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Appendices

Appendix A	Figures
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Acronyms

Acronym	Description
ADWG	Australian Drinking Water Guidelines
AFFF	Aqueous Film Forming Foam
AHD	Australian Height Datum
AS	Australian Standard
ASC	Assessment of Site Contamination
AVCAT	Aviation carrier fuel
COC	Chain-of-Custody
CoPC	Contaminant of Potential Concern
CSM	Conceptual Site Model
DCMM	Defence Contamination Management Manual
DO	Dissolved Oxygen
DQI	Data Quality Indicator
DQO	Data Quality Objective
DSI	Detailed Site Investigation
DWER	Department of Water and Environmental Regulation
EC	Electrical Conductivity
EPA	Environmental Protection Agency
ERA	Ecological Risk Assessment
HDPE	High Density Polyethylene
HEPA	Heads of Environmental Protection Authorities
HHERA	Human Health and Ecological Risk Assessment
HMAS	His Majesty's Australian Ship
LOR	Limit of Reporting
MGA	Map Grid of Australia
MW	Monitoring Well
NATA	National Association of Testing Authorities
NEMP	National Environmental Management Plan
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NHMRC	National Health and Medical Research Council
NPUG	Non-Potable use of Groundwater
NZS	New Zealand Standard
OMP	Ongoing Monitoring Plan
OMR	Ongoing Monitoring Report
ORP	Oxidation Reduction Potential
PFAS	Per- and polyflouroalkyl Substances
PFASIM	PFAS Investigation and Management
PFHxS	Perfluorohexanesulfonic acid
PFOA	perfluorooctanoic acid

Acronym	Description
PFOS	perfluorooctanesulfonic acid
PMAP	PFAS Management Area Plan
PVC	Polyvinyl Chloride
PW	Pore Water
QA	Quality Assurance
QC	Quality Control
RAN	Royal Australian Navy
RCIP	Regional Contamination Investigation Program
RL	Reduced Level
RPD	Relative Percentage Difference
SAQP	Sampling Analysis and Quality Plan
SPR	Source-Pathway-Receptor
SRA	Site Review Assessment
SRE	*Short Range Endemic*
SW	Surface Water
TDS	Total Dissolved Solids
TOC	Total Organic Carbon
USEPA	United Sites Environmental Protection Agency
UST	Underground Storage Tank
WA	Western Australia
WWTP	Wastewater Treatment Plant

1. Introduction

The Department of Defence (Defence) implements a national program to manage the impacts of Per- and Polyfluoroalkyl Substances (PFAS) on, and in the vicinity of, some of its bases around Australia. GHD Pty Ltd (GHD) has been engaged as a Lead Consultant to support the Department of Defence (Defence) in the management of legacy PFAS impacts and the implementation of the PFAS Management Area Plan(s) (PMAPs) for these sites.

As part of this engagement, GHD has prepared this Sampling and Analysis Quality Plan (SAQP) to support the implementation of the PFAS Ongoing Monitoring Plan (OMP) for His Majesty's Australian Ship (HMAS) Stirling ('the base'). The base is located on Garden Island, 4km off the Western Australian mainland, adjacent to the suburb of Rockingham (refer to Figure 1, Appendix A).

The OMP outlines the rationale and scope for the monitoring of the concentrations and extent of PFAS in groundwater, surface water, sediment and porewater at and surrounding the base.

The OMP SAQP is based on the underlying OMP (RPS, 2018b). It supersedes the previous Stantec (2024a) SAQP document and will be revised as required throughout its implementation in response to the separate OMP Revision process.

1.1 Purpose and Objectives

The overarching objective of the project is to transition the base from investigation and management under the PMAP (specific to PFAS management) to ongoing monitoring as per standard Defence protocols for all contaminants of potential concern (CoPC).

To support this overarching objective, this OMP SAQP has been prepared to detail the specific monitoring locations, sampling methodologies and quality assurance/quality control (QA/QC) measures to be implemented to seek to achieve the objectives of the OMP (RPS, 2018b), which are to:

– Evaluate change in the nature and extent (spatial and temporal) of PFAS impact in groundwater, porewater and surface water pathways associated with site sources of PFAS derived from legacy use of aqueous film-forming foam (AFFF)
– Monitor the migration of PFAS in groundwater, porewater, sediment and surface water from the site
– Provide confirmation of the current understanding of risk; and
– Provide supporting data for assessment of management actions, where relevant.

1.2 Existing Reports and Documents

Table 1 provides a list of all technical reports and documents considered relevant to this OMP SAQP.

Table 1 Existing Reports and Documents (Chronological Order)

Report/document	Citation
PFAS Detailed Site Investigation (DSI)	(RPS, 2018a)
PFAS Ongoing Monitoring Plan	(RPS, 2018b)
PFAS Investigation Ecological Risk Assessment	(RPS, 2018c)
PFAS Management Area Plan	(Defence, 2019)
PFAS OMP 2019 Q4 Quarterly Monitoring Factual Report	(Cardno, 2020a)
PFAS OMP 2020 Q1 Quarterly Sampling Event Factual Report	(Cardno, 2020b)
Regional Contamination Investigation Program (RCIP) Stage 2 DSI (Mobilisation 1)	(GHD, 2020)
PFAS OMP 2020 Q2 Quarterly Sampling Event Factual Report	(Cardno, 2020c)
PFAS OMP 2020 Q3 Quarterly Sampling Event Factual Report	(Cardno, 2021a)
PFAS OMP 2020 Q4 Quarterly Sampling Event Factual Report	(Cardno, 2021b)
PFAS OMP 2021 Q1 Quarterly Sampling Event Factual Report	(Cardno, 2021c)

Report/document	Citation
PFAS OMP 2020 Annual Interpretive Report	(Cardno, 2021d)
PFAS OMP 2021 Q2 Quarterly Sampling Event Factual Report	(Cardno, 2021e)
PFAS OMP 2021 Q3 Quarterly Sampling Event Factual Report	(Cardno, 2021f)
PFAS OMP 2021 Q4 Quarterly Sampling Event Factual Report	(Cardno, 2022a)
PFAS OMP 2022 Q1 Quarterly Sampling Event Factual Report	(Cardno, 2022b)
PFAS OMP 2022 Q2 Quarterly Sampling Event Factual Report	(Cardno, 2022c)
PFAS OMP – 2021 Annual Interpretive Report, HMAS Stirling	(Cardno, 2022d)
PFAS OMP 2022 Q3 Quarterly Sampling Event Factual Report	(Cardno, 2022e)
PFAS OMP 2022 Q4 Quarterly Sampling Event Factual Report	(Cardno, 2023a)
PFAS OMP – 2022 Annual Interpretive Report	(Cardno, 2023b)
PFAS OMP 2023 Q1 Quarterly Sampling Event Factual Report	(Cardno, 2023c)
PFAS OMP 2023 Q2 Quarterly Sampling Event Factual Report	(Cardno, 2023d)
PFAS OMP 2023 Q3 Quarterly Sampling Event Factual Report	(Cardno, 2023e)
PFAS OMP Sampling and Analysis Quality Plan (SAQP)	(Stantec, 2024a)
Ongoing Monitoring Report (October 2022 - September 2023) HMAS Stirling	(Stantec, 2024b)
Mobilisation 2 Stage 2 DSI	(GHD, 2024a)
Addendum Stage 2 DSI (WWTP)	(GHD, 2024b)
Site Review Assessment Report	(GHD, 2025)

1.3 Regulatory Framework

Defence forms part of the Commonwealth of Australia and is not required by law to comply with State legislation. However, Defence Policy states that the Defence shall comply with relevant State laws to the extent that those State laws are not inconsistent with Commonwealth Laws.

This SAQP has therefore been prepared with reference to applicable industry standards and guidelines including:

- National Environment Protection Council (NEPC), 1999, National Environmental Protection (Assessment of Site Contamination) Measure (as amended 2013) (ASC NEPM).
- Heads of Environmental Protection Authority's Australia and New Zealand (HEPA), 2025, *PFAS National Environmental Management Plan 3.0* (NEMP).
- Australian Standard AS 4482[1]-2005 Guide to the investigation and sampling of sites with potentially contaminated soils, Part 1 - Non-volatile and semi-volatile compounds.
- Standards Australia 1998. AS/NZS 5667:1998 *Water quality – sampling*.
- Australian and New Zealand Guidelines, 2018. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality.*
- U.S. Environmental Protection Agency (EPA), 2000, Guidance for the Data Quality Objectives Process (EPA QA/G-4).
- USEPA, 2002, Guidance on Environmental Data Verification and Data Validation (EPA QA/G-8).
- Department of Water and Environmental Regulation (DWER), 2021, *Assessment and Management of Contaminated Site*[1].
- National Health and Medical Research Council (NHMRC), August 2019, *Guidance on Per and Polyfluoroalkyl Substances (PFAS) in Recreational Water*.

[1] It is noted that base is located on Commonwealth Land and is regulated under the Commonwealth environmental legislation, the State based DWER guidelines are relevant for the sampling of off-base nearshore marine environment

2. Base Setting

2.1 Base Identification

The base is located on Garden Island off the WA mainland, adjacent to the suburb of Rockingham, approximately 45km south of Perth, WA.

The base's PFAS Management Area includes the base and the near shore marine environment surrounding the base. The boundaries of the base and the Management Area are shown in Figure 2, Appendix A. Key base identification elements are presented in Table 2.

Table 2 Base identification summary

Information	Details		
Street Address	Garden Island, WA		
Defence Property ID	WA_0089		
Land description	Lot 9 on Deposited Plan 226190	Part of Cockburn Sound Location 696	Lot 4551 on Deposited Plan 220689
Certificate of Title	Volume 641/Folio 79	Volume 1020/Folio 165	Volume LR3116/Folio 732
Date registered	10 March 1916	7 August 1930	N/A
Title notes	Majority of Garden Island excludes settlement at Careening Bay, Diamantina Wharf, small portion of land at south end of island.	Small area of water area (intertidal zone) around Garden Island (between high and low water mark) and settlement at Careening Bay	Open water surrounding Garden Island (includes Diamantina Wharf and causeway road)
Approximate area	1175 ha	151 ha (part only)	2190 ha (part only)
Total Base Area	Approximately 1,200 ha		
Local Government Area	City of Rockingham		
Current Land Use/Activities	On-base is zoned as Naval Development. Land uses include commercial/industrial, primarily for navy fleet operations, residential (accommodation for base personnel) and open space (bushland).		
Surrounding Land Use/Activities	North: Carnac Island Nature Reserve/Indian Ocean East: Cockburn Sound (used for a variety of activities both commercial and recreational including fishing, water sports and shipping), beyond which is the Kwinana Industrial Area including petroleum, fertiliser, chemical and cement production facilities, metal refining, waste management, a power station and other industrial land use activities. South: Point Peron and to the southeast is residential and commercial land use. West: Indian Ocean.		

2.2 Base Description

The base is Australia's largest Royal Australian Navy (RAN) base. Its primary purpose is to provide operational and logistics support to the RAN ships, submarines and aircraft based in WA.

The base is situated within Cockburn Sound and connected to the mainland via a bridge in the south of Garden Island. The Island is 12km long and 1.5km wide at its widest point and covers an area of approximately 1,200 ha. Defence facilities occupy approximately 28% of the Island, with the majority focused around Careening Bay on the southeast of the Island, with other support facilities located in other portions of the Island.

Key base features include (also refer to Figure 2, Appendix A):

– Accommodation blocks
– Helicopter support facility
– Fire station
– Fire training area
– Fuel farm

- Flammable/Hazardous goods and waste storage
- Aviation Carrier Turbine Fuel (AVCAT) storage facility
- Wastewater treatment plant (WWTP)
- Seepage ponds
- Shipping berths and ship sullage area
- Maintenance and workshop areas
- Demolition ground

2.3 Base History

Sulphur Bay and Careening Bay on the island were used as anchorage and cargo disembarkation points for ships until 1897. Following this, the property was covered in beach houses and cottages, which were used for recreational purposes (GHD, 2024a).

In 1973 Garden Island was linked to the mainland via a causeway. Construction of the base infrastructure commenced in 1973 and HMAS Stirling was formally commissioned in 1978. Various infrastructure upgrades and additions have occurred since this time (RPS, 2018a).

AFFF was historically used at HMAS Stirling for various activities including firefighting and firefighting training, fire deluge systems and testing of firefighting systems. The fire station was considered likely constructed during the initial development of the base infrastructure. The fire training area was commissioned in the 1980s and comprises two main fire pits. AFFF has not been used in the fire training area since circa 2005 (RPS, 2018a).

Further detail regarding the base history and historical AFFF storage and use at the base is presented within the DSI report (RPS, 2018a).

2.4 Environmental Setting

Table 3 provides a summary of the environmental setting of the base and the Management Area based on a review of previous reports conducted as part of the SRA (GHD, 2024b).

Table 3 Environmental Setting

Setting	Description
Climate	The Perth region, including Garden Island has a warm summer, cold winter Mediterranean climate. Mean maximum temperatures on the Island occur in February (28.3 ºC) while mean minimum temperatures occur in July (11.2 ºC). Rainfall is winter dominant, with the highest volume of rainfall typically occurring in July with a mean monthly rainfall amount of 115.5 mm.
Topography	Topography on Garden Island ranges from sea level, 0 m relative to the Australian Height Datum (m AHD) along the eastern coastline to 55 m AHD at the centre of the Island. Steep dunes and limestone cliffs of up to 10 m AHD in elevation characterise the western perimeter of the Island, whilst the eastern perimeter is relatively flat.
Regional geology	Garden Island is an offshore outcrop of Tamala Limestone and part of the Garden Island Ridge. The WA Department of Mines and Petroleum 1:50,000 geological map series indicates the surface is Calcareous Sand (S2 and S13) (i.e. Safety Bay Sand – white medium grained rounded quartz and shell debris well sorted of eolian origin).
Base specific geology	Logs from the drilling of groundwater wells and soil cores during previous sampling programs (ENSR 2009, RPS 2018a) indicate the geology of the base varies with topography. The Demolition Ground in the north coast of the Island contains Safety Bay Sand to at least 5 meters below ground level (m bgl) and at the wastewater treatment plant (WWTP), Safety Bay Sands were encountered down to 29 m bgl. Layers of limestone were encountered in certain areas (e.g. Fire Training Area at 1 to 2 m bgl and around the WWTP at 7 to 15 m bgl). Fill sands containing brick rubble and limestone cobbles were also encountered in the Fire Training Area to a depth of 1 m bgl.
Acid sulfate soil	A review of the Acid Sulfate Soils (ASS) risk mapping, available on the WA Atlas online database indicates no known risk of ASS occurrence within three meters of natural ground surface of the base.
Hydrogeology	The superficial aquifer at Garden Island, whilst geologically connected, is not hydraulically connected to the superficial aquifer of the mainland as both discharge to the near shore marine environment.

Setting	Description
	The underlying confined aquifers, the Leederville and deeper Yarragadee, typically extend tens of kilometres offshore beneath the seabed and are thought to discharge terrestrial groundwater to the ocean several kilometres from the coast (Davidson, 1995). At the south of the Island, the superficial aquifer extends to a depth of around 20 m bgl, with an aquitard (Kings Park Formation) at approximately 90 mbgl, overlying the Kardinya Shale at around 140 m bgl, overlying the Leederville aquifer at approximately 165 m bgl. In the north of the Island, the Kardinya Shale is present at significantly shallower depth than in the south (approximately 37 m bgl) and forms an aquitard to the deeper Leederville Formation at approximately 181 m bgl. The superficial groundwater is classified as brackish by the DWER Perth Groundwater Atlas, with a total dissolved solids (TDS) concentration in the range of 500 to 1,000 mg/L.
Groundwater depth and flow direction	The depth to groundwater is affected by the topography of the Island. Along the coastline, groundwater is found at shallow depth (i.e., 2 to 3 m bgl), whilst around the WWTP groundwater is present at depths of up to 21 m bgl. The depth to groundwater, especially along the coastal fringes, will be influenced by tides within the surrounding marine environment. Groundwater has been inferred as flowing towards the marine environment, with flow on the east of the dunal system towards Cockburn Sound and flow towards the Indian Ocean on the west of the dunal system. Tidal pressure can influence localised flow direction in the vicinity of the coastline.
Beneficial groundwater use	Groundwater is not abstracted on the base for potable or non-potable use. Potable water for Garden Island is supplied from the Rockingham town water supply. The DWER groundwater database found two registered abstraction bores (installed in the Leederville Aquifer) on the mainland within 20km of Garden Island. These bores are used for irrigation and industry. RPS ruled out any risk of PFAS impact to these bores according to the calculated groundwater travel time (RPS, 2018a).
Terrestrial ecology	Native vegetation occupies 70 % of Garden Island, with dominant vegetation communities including Acacia scrub and Melaleuca scrub. Forest communities are dominated by *Callitris preisii* (or *Melaleuca lanceolate*), which is a listed Threatened Ecological Community (TEC). There are also a number of remnant vegetation species on the property. These include: – *Amyema melaleuca* (a mistletoe) – *Lepidium puberulum* (a peppercress) – *Myosotis australis* (Austral forget-me-not) – *Pittosporum phylliraeoides* var *phylliraeoides* (cheesewood) – *Melaleuca lanceolata* (Rottnest teatree) – *Callitris preisii* (Rottnest Island pine) The faunal diversity of the island is reportedly low, with only one native mammal, approximately 115 birds, 14 reptiles and one amphibian species. Despite the low diversity, there are a number of species with high conservation significance, due to their greater populations relative to the mainland. These include: – Tammar wallaby – Carpet python – Lined skink – Brush bronzewing – Tiger snake Several bird species that are native to the Island are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. These include: – Bridled tern – Sanderling – Osprey – Fairy tern – Little penguin
Subterranean ecology	Whilst no property-specific assessment(s) of subterranean fauna have been undertaken, three desktop studies (comprising Mangles Bay and Cape Perron, both located south of Garden Island on the mainland) of the subterranean fauna have been completed; one for stygofauna (Subterranean Ecology, 2010a), one for methanogens (Subterranean Ecology, 2010b) and another for troglofauna (Subterranean Ecology, 2010c). All studies included literature reviews, site inspection and habitat assessments. The stygofauna habitat review (Subterranean Ecology 2010b) concluded that there is a moderate to high likelihood that stygofauna are present at the sites subject to the studies, owing to the nature of the underlying geological substrates and the carbonate-rich groundwaters, as well as the biological productivity of Lake Richmond (located on the mainland, nearby the study sites) and its connectivity to the local groundwater systems. The methanogens habitat review (Subterranean Ecology, 2010b) concluded that there is a very low likelihood of methanogens being present at the study sites, on the basis that the consolidated sandy substrate would lack secondary permeability, and the more permeable limestone features were only present beneath the water table and would be unsuitable as habitat for air-breathing methanogens. Owing to the confirmed presence of limestone at varying depths beneath the base (primarily confirmed beneath the sewage treatment plant) and the presence of alkaline groundwater in the superficial aquifer, the presence of stygofauna at the base cannot be precluded at this stage.

Setting	Description
Marine ecology	The marine ecosystem present at Garden Island is one of the most productive and dynamic of its kind in WA. This ecosystem houses notable species including bottlenose dolphins, little penguins, and Australian sea lions. Seagrass meadows are also found adjacent to the island. The use of the Protected Matters Search Tool with a 10km radius in 2024 (GHD, 2024a), found: – Ramsar Wetlands – A threatened ecological community – Threatened species and migratory bird species

2.5 Conceptual Site Model

This section provides a summary of the dominant PFAS sources, transport pathways and the identified potential risks to sensitive receptors based on the various reports outlined in the SRA (GHD, 2024b).

2.5.1 Source areas

The DSI (RPS, 2018a) identified several PFAS source areas across the base. These were considered source areas based on PFAS having been detected in at least one medium assessed (i.e., soil, groundwater, surface water and/or pore water) at concentrations above the adopted assessment criteria at the source area.

Since completion of the DSI, RCIP has identified PFAS within several additional areas at concentrations exceeding the adopted assessment criteria (GHD, 2020, 2024a, 2024b) and on this basis, consistent with the approach adopted by the PFAS DSI, these are also considered source areas. The requirements to amend or supplement the current OMP monitoring network to consider the influence of these source areas on the base risk profile will be considered as part of the forthcoming OMP revision process.

A consolidated summary of PFAS source areas identified by the investigations to date is presented in Table 4.

Table 4 Consolidated PFAS Source Area Summary

PFAS source area description	Reference
Fire Training Area	PFAS DSI (RPS, 2018a)
Demolition Ground	
WWTP	
Helicopter Support Facility	
AVCAT Storage Area	
Fuel Farm and Infiltration Basin (also referred to as a drainage swale in the 2022 - 2023 OMR (Stantec, 2024b));	
Fire Station	
Ship Sullage Area	
Flammable/Hazardous Goods and Waste Storage Area	
Dredged Sediments	
Accommodation Area	
Building 54 Group of Underground Storage Tanks (USTs)	RCIP DSI (GHD, 2020)
Torpedo Maintenance Explosive Area	
Torpedo Maintenance Facility – Building D21	
Joint Logistics Unit (West) Area	RCIP Stage 2 DSI (GHD, 2024a)

2.5.2 Transport pathways and receptors

The credible transport pathways, exposure pathways and receptors associated with the relevant media, as identified in the DSI (RPS 2018a), are summarised in Table 5.

Table 5 Transport and Exposure Pathways

Media	Transport and exposure pathways	Receptor
Human health		
Soil	Soil ingestion and dermal contact	Future/current base users/ workers on the base
	Dust generation (inhalation)	Future/current base users/workers via inhalation of potentially impacted windblown dust
Groundwater	Dermal contact with groundwater	Future base workers during excavations
	Primary and secondary contact with impacted marine water	Recreational use of Cockburn Sound and the Indian Ocean
	Bioaccumulation and biomagnification in the food chain	Consumption of impacted aquatic organisms (fish, shellfish) from Cockburn Sound and the Indian Ocean
Surface water	Dermal contact with surface water	Future/current base users/workers via inhalation of potentially impacted surface water at the WWTP
Sediment	Dermal contact with sediment	Future/current base users/ workers at the WWTP
Ecological		
Soil	Leaching (from soil to groundwater)	Underlying aquifer, Cockburn Sound and the Indian Ocean
	Plant uptake	Flora
	Soil ingestion/dermal contact	Fauna
	Bioaccumulation and biomagnification in the food chain	Fauna
Groundwater	Lateral migration through underlying aquifer	Cockburn Sound and the Indian Ocean
	Bioaccumulation and biomagnification in the marine food chain (following lateral migration)	Marine flora and fauna
	Plant uptake (root uptake)	Flora
	Ingestion (following plant uptake)	Fauna
Surface water	Dermal contact or ingestion of surface water	Flora at the WWTP
Sediment	Dermal contact or ingestion	Flora at the WWTP

2.5.3 Credible exposure pathways and risk identification

Based on the recommendations of the DSI (RPS, 2018a), an Ecological Risk Assessment (ERA, RPS, 2018c) was undertaken to further assess risks to the ecology of the nearshore marine environment from exposure to PFAS associated with the base. The ERA focused on exposure to PFAS along coastal seepages via direct contact with abiotic media (surface water, sediment, sediment porewater) and through food chain exposures in the marine environment.

The ERA (RPS, 2018c) concluded that:

– There was no significant risk from PFAS to ecological receptors via bioaccumulation and biomagnification.
– Fish tissue concentration modelling and ecosystem food chain modelling undertaken during the ERA indicated that potential adverse impacts to seagrass, molluscs, fish and marine ecosystems were unlikely.
– Although recreational fishing and shellfishing may be undertaken on a limited basis around the Island, there is limited potential for dietary ingestion of PFAS to be a significant pathway. This is a result of the low levels of PFAS detected in marine sediment and surface waters and the limited effect of bioconcentration and biomagnification factors.

Following completion of the DSI (RPS, 2018a) and ERA (RPS, 2018c) no elevated risks were identified that required specific remediation or management. Management response actions in the 2019 PMAP are limited to administrative controls and ongoing monitoring.

The most recent source-pathway-receptor analysis, undertaken as part of the development of the PMAP (Defence, 2019) is reproduced in Appendix B. The SPR analysis includes commentary on the potential for exposure and a qualitative risk evaluation associated with each source-pathway-receptor linkage.

With reference to the SRA (GHD, 2024b), implementation of the OMP to date has not identified any change to the assessed risk profile of the Management Area, though an update of the base's CSM to reflect the identification of potential additional PFAS source areas by the RCIP DSIs has been recommended (Stantec, 2024b).

2.6 Key Finding of the OMP to Date

The key findings of the OMP to date concerning the extent of PFAS contamination (Cardno 2021d, 2023b, Stantec 2024b) are summarised as follows:

– PFAS groundwater concentrations recorded during the monitoring period to date have been generally consistent (i.e., within the same order of magnitude) with those recorded during the DSI (RPS, 2018a), with isolated exceptions.
– Consistent with historical datasets, Stantec (2024b) reported that concentrations of PFOS and PFHxS are generally greater at the identified source areas relative to down-gradient areas and towards the coast.
– Surface water and porewater PFAS concentrations have generally remained within the historical range, and are significantly less than those reported in the hydraulically up-gradient groundwater monitoring wells. This is considered reflective of dilution and dispersion factors at the point of discharge. Where new maximum concentrations were identified, these did not represent an order of magnitude change and, in most cases, returned to within the historical range during subsequent monitoring events.
– The majority of sediment sampling locations have reported PFAS concentrations below the applied LOR throughout the monitoring period to date.
– Based on the monitoring data collected as part of the OMP, Stantec considered that there has been no significant change to the overall risk profile of the Management Area, though recommended an update of the base's conceptual site model (CSM) to reflect the identification of potential additional PFAS source areas by the RCIP DSIs. It was noted that no elevated risks requiring specific management were identified in the DSI and ERA reports (RPS 2018a, 2018c).

3. Data Quality Objectives

The data quality objectives (DQOs) for the OMP SAQP have been developed based on guidance presented in the ASC NEPM (NEPC 2013) and with reference to the OMP (Defence 2019). The DQO process comprises the following seven steps:

– Step 1: State the problem
– Step 2: Identify the decision/principal study question(s)
– Step 3: Identify the Inputs into the Decision
– Step 4: Study Boundaries
– Step 5: Decision rules
– Step 6: Tolerable limits on decision errors
– Step 7: Optimisation of the data collection process

The DQOs are detailed in Table 6.

Table 6 Data Quality Objectives

Data Quality Step	Description
Step 1: State the Problem	Sampling and analysis completed as part of the DSI (RPS, 2018a) and ERA (RPS, 2018c) identified concentrations of PFAS in soils, sediments, groundwater, surface water and porewater resulting from historical use of AFFF on the base. Whilst the DSI and ERA concluded that there is no significant risk from the identified PFAS concentrations to human health or ecological receptors, a robust temporal dataset is required to assess trends in the nature, extent and magnitude of PFAS concentrations within sediment, surface water and groundwater, evaluate the suitability of the existing PMAP response actions and form a supportive base of evidence for PMAP transition.
Step 2: Identify the decision/principal study question(s)	This OMP is to provide further data to assess the following principal study questions: – What are the changes and trends in the nature, extent and magnitude of PFAS concentrations in the groundwater, porewater, surface water and sediment within the Management Area? – Has the nature, extent and magnitude of PFAS concentrations changed significantly to warrant a revision of the ERA? – Has the nature, extent and magnitude of PFAS concentrations changed significantly to warrant refinement of any existing management measures? – Has the nature, extent and magnitude of PFAS concentrations changed significantly or are they likely to change? – Are PFAS impacts and associated risks sufficiently understood to support transition of the base from management under the PMAP to ongoing monitoring and management as per standard Defence protocols for all CoPC?
Step 3: Identify the Inputs into the Decision	The following inputs are required to resolve the principal study questions outlined in Step 2: – PFAS concentrations in groundwater, surface water, porewater and sediment from previous and future monitoring events. – Field data (i.e. groundwater levels, physicochemical parameters) on groundwater, porewater and surface water from previous and future monitoring events. – An appropriate statistical evaluation of the including short- and long-term trends for groundwater concentrations. – Comparison of data sets to relevant endorsed assessment levels (refer to Section 4)
Step 4: Study Boundaries	Ongoing monitoring will be undertaken generally within the boundaries of the Management Area (Figure 2, Appendix A) at the groundwater, surface water, porewater and sediment monitoring locations outlined in Section 5.. Monitoring will be undertaken quarterly, in March, June, September and December of each year.
Step 5: Develop a Decision Rule	1. If a significant change in PFAS concentration (e.g., an increase by one or more orders of magnitude or a first-time guideline value exceedance) and/or distribution (e.g., PFAS is detected at a monitoring location where it was previously not detected), the following initial responses will be considered:

Data Quality Step	Description
	a. Conduct a more in-depth statistical analysis of the data to assess plume stability and/or variability at the location/s. b. Review the CSM to make a qualitative assessment on risks posed to relevant receptors. This should include an assessment of any recent climatic changes, base activities or other factors that might influence the results. 2. If the initial responses indicate a potentially unacceptable increase in risk, the following responses may be implemented: a. Resample the location/s to confirm the changes. This might also involve sampling additional nearby locations. b. Conduct further quantitative risk assessment (e.g., consideration to exposure point concentrations and other inputs that informed the current Human Health and Ecological Risk Assessment [HHERA]). c. If the risk assessment does not indicate an increased risk then the monitoring would continue as per the OMP. d. If the risk assessment does indicate an increased risk then additional contingencies could be implemented, such as additional biota sampling or higher order food chain modelling to support further risk assessment and quantify whether the risk profile has been adversely affected. 3. If an increase in risk is identified, an appropriate management or remedial response should be selected depending on the level of risk identified in the risk assessment. For example, an immediate unacceptable risk to an environmental receptor or human health (although considered highly unlikely) would require a stronger response than a slight increase in the risk to foraging seabirds. Response actions might include: a. Institutional controls to restrict access. b. Capping, containment or other treatment of contaminated media. c. The appropriate response should be identified with consideration to the PMAP. Revision of the PMAP including the risk identification and remedial options appraisal that informed it may be appropriate
Step 6: Specify Limits on Decision Error	A detailed assessment of potential for sampling and measurement errors will be undertaken. Data quality will be assessed as detailed in Schedules B2 and B3 of the ASC NEPM and the PFAS NEMP. Two types of decision errors are possible: – Sampling errors which occur when the sampling program does not adequately detect PFAS. – Measurement errors which occur during sample collection, handling preparation, analysis and data reduction. To minimise the potential for decision errors, the following data quality indicators (DQIs) will be adhered to; completeness, comparability, representativeness, precision and accuracy (refer to Table 7). Quality Assurance/Quality Control (QA/QC) measures are detailed in Section 6.
Step 7: Optimise the Design for Obtaining the Data	The design of the OMP has been made in consideration of historical activities at the base, historical investigations (and findings i.e. DSI and ERA), with a view to resolving the principal study questions outlined in Step 2. The OMP scope is outlined in Section 5. The available data will be reviewed and evaluated as part of the OMP revision process, to identify if aspects such as the monitoring network and monitoring frequency should be revised to provide better understanding of PFAS concentration fluctuations and potential risks to receptors. To maintain the integrity and reliability of data the following measures will be adopted: – Field and analytical data collected in accordance with the PFAS NEMP (HEPA 2025) and the ASC NEPM (NEPC 2013). – Field personnel trained and have sufficient experience to complete the fieldwork to an acceptable standard, as per the protocols outlined in the SAQP. – Robust field and laboratory quality assurance/quality control protocols are to be adopted. – Use of laboratories that are National Association of Testing Authorities (NATA) accredited for PFAS analysis and ensure laboratory LORs are suitable to meet the relevant adopted assessment levels, where possible

An assessment of the DQIs relating to both field and laboratory procedures will be undertaken with appropriate documentation provided for each environmental element or media assessed. The DQIs adopted for the DSI are summarised in Table 7.

Table 7 Data Quality Indicators

Data Quality Indicator	Detail
Documentation and data completeness	All locations that were proposed to be sampled were sampled where possible. Sampling locations accurately described. All field documentation is complete and correct, including chain of custody documentation for samples. Field forms and documentation capture all relevant important information. Samples were analysed within appropriate holding times. Appropriate laboratory limits of reporting (LOR) for comparison to relevant assessment criteria
Data comparability	Adherence to methodologies presented in this SAQP and relevant guidelines Use of suitably qualified and experienced personnel. Consistent laboratory use with consistent analytical methods used. Climatic conditions consistent and considered representative of region
Data representativeness	Samples were collected in a uniform and consistent manner, therefore representative of the media in the field. Adherence to methodologies presented in this SAQP and relevant guidelines. Use of appropriate techniques for sampling, storage and transport of samples.
Precision for sampling and analysis	Sufficient quantities of intra- and inter-laboratory duplicates were collected to enable comparison within and between laboratories (refer to Section 6) Sufficient quantities of internal laboratory duplicates were analysed to enable comparison within laboratories. Relative percentage difference calculations show that a large majority of duplicate sample concentrations are within defined difference limits (refer to Section Field equipment was calibrated by equipment supplier.
Accuracy for sampling and analysis	Sufficient quantities of field blanks and transport blanks were collected and analysed, with no results indicating cross-contamination (refer to Section 6). Sufficient quantities of internal laboratory method blanks, surrogate spikes and laboratory control samples were analysed to determine laboratory accuracy, with the large majority of samples within defined limits.

4. Guideline Values

4.1 Current Guideline Values

A summary of the current PFAS guideline values considered relevant to the base is presented in Table 8. The guideline values are largely based upon the PFAS NEMP (HEPA 2025) which presents a consolidated set of health- and ecology-based Australian PFAS guideline values for soil and water that are derived from various guidelines and publications. It is noted that there are currently no Australian regulatory endorsed guideline values for the risk posed to ecology or human health by PFAS in sediment.

Table 8 Relevant PFAS Assessment Criteria

Exposure scenario	Source	Assessment criteria		
		PFOS	PFOS plus PFHxS	PFOA
Groundwater				
Health: potable use of groundwater	PFAS NEMP	0.07µg/L	0.07µg/L	0.56µg/L
Health: domestic non-potable use of groundwater (NPUG)	DWER (2021)*	0.7µg/L	0.7µg/L	5.6µg/L
Surface water and pore water				
Health: Recreational water use	PFAS NEMP	NE	2µg/L	10µg/L
Ecology: aquatic ecosystems (99% species protection)		0.00023µg/L	NE	19µg/L

Notes:

NE: not established

*Since completion of the DSI (RPS, 2018a) and development of the PMAP (Defence, 2019), the WA DWER Assessment and Management of Contaminated Sites (DWER 2021) guideline has been updated and includes clear guidance regarding consideration of PFAS exposure risks from domestic non-potable use of groundwater (NPUG) by applying a factor of ten to the PFAS NEMP drinking water criteria. DWER (2021) also notes that the drinking water criteria should be adopted as screening criteria in situations where consumption of homegrown produce is a credible exposure pathway. While these exposure pathways are not considered credible pathways based on currently available information (refer to Section 2.5), it is proposed to consider the criteria for completeness as part of implementation of the OMP and any subsequent studies.

It is important to note that an ERA (RPS 2018b) has been completed for the base to assess the potential risks to the environment associated with the presence of PFAS within the Management Area. While the OMP and any subsequent studies will evaluate PFAS concentration data with reference to the ecology-based guideline values identified in Table 8, decision-making concerning changes to risks posed to ecological receptors of the Management Area should also be made with reference to the ERA conclusions and the dataset that informed it.

4.2 Draft Drinking Water Guideline Values

In November 2024, the National Health and Medical Research Council (NHMRC) released draft health-based Australian drinking water guideline (ADWG) values for public consultation. Defence is considering how the draft guidelines, if adopted, may affect its PFAS Investigation and Management Program, and communities surrounding the Defence Estate. An initial step to this is the adoption of a lower laboratory limit of reporting at select locations to understand any future implications. Until the revised PFAS guideline values are finalised and published, the current guideline values remain in effect.

5. Sampling Design

5.1 Monitoring Frequency

All monitoring locations will be sampled quarterly in March, June, September and December of each year.

5.1.1 Groundwater monitoring locations

The groundwater locations monitored as part of the OMP monitoring are presented in Table 9, along with the rationale for the selection, and are shown in Figure 3, Appendix A.

Table 9 OMP Groundwater Monitoring Locations

Area (and Figure ref.)	Monitoring Well/Bore ID	Rationale
Fire Training Area (Figure 3a)	MW109, MW112, MW500, MW120, MW121, MW123, MW124, MW125, MW126, MW127, MW128	Monitoring of these wells will provide an understanding of any changes to the nature, extent and magnitude of PFAS concentrations owing to seasonal fluctuations or other factors. The monitoring will also support identification of the requirement to refine or implement additional measures to manage exposure of base personnel to PFAS impacted groundwater.
Demolition Ground (Figure 3b)	MW139, MW141, MW142, MW147, MW149	
WWTP (Figure 3c)	MW158, MW161, MW166, MW171, MW173, MW193, MW195D, MW195S, MW196, MW199, MW200, MW202, MW203, MW468	
Helicopter Support Facility (Figure 3d)	MW214, MW215, MW216, MW217, MW220, MW224, MW225, MW226, MW227, MW228, MW282	
Accommodation Area (Figure 4e)	MW288, MW289	
Dredged Sediments (Figure 4e)	MW268, MW269	
AVCAT Storage and Fuel Farm (Figure 4e)	MW233, MW236, MW238, MW239, MW240, MW242, MW243, MW245, MW249, MW496, MW516	
Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Figure 4e)	MW010, MW255, MW256, MW257, MW258, MW259, MW553	

Construction details for the groundwater wells monitored as part of the OMP are provided in Table 10.

Table 10 OMP Groundwater Monitoring Wells Construction Details

Well ID	Date Drilled	Easting	Northing	RL TOC (mbTOC)	Depth (mbTOC)	Screen Interval (mbTOC)
MW010*	-	376706.3	6433707.09	4.167	6.0	-
MW109	2017	375573.399	6436243.395	4.446	5.5	2.5 - 5.5
MW112	2008	375513.7	6436208.38	3.973	6.0	3.0 - 6.0
MW120	2017	375449.982	6436134.215	4.409	5.5	2.5 - 5.5
MW121	2008	375552.25	6436122.78	3.7	5.7	2.7 – 5.7
MW123	2017	375585.05	6436093.989	6.62	8.0	4.5 - 8.0
MW124	2017	375835.849	6436297.305	1.899	4.0	0.750 - 4.0
MW125	2017	375846.238	6436213.778	1.882	3.9	0.9 - 3.9
MW126	2017	375873.534	6436085.061	1.948	3.9	0.9 - 3.9
MW127	2017	375925.611	6435948.027	1.771	3.9	0.9 - 3.9
MW128	2017	375670.344	6436212.685	4.537	5.5	2.5 - 5.5
MW139	2009	374964.76	6440104.47	2.273	5.0	2.0 - 5.0
MW141	2009	375021.66	6440143.5	3.025	5.0	2.0 - 5.0
MW142	2017	375033.148	6440146.157	2.573	4.0	0.25 - 4.0

Well ID	Date Drilled	Easting	Northing	RL TOC (mbTOC)	Depth (mbTOC)	Screen Interval (mbTOC)
MW147	2009	375032.34	6440124.29	3.423	5.0	2.0 - 5.0
MW149	2017	375064.008	6440095.63	2.303	4.0	1.0 - 4.0
MW158*	-	375550.33	6435719.4	14.541	15.8	-
MW161*	-	375133.59	6435570.74	17.225	18.13	-
MW166*	-	375049.03	6435410.26	11.89	13.0	10.0 - 13.0
MW171	2008	375226.79	6435237.5	29.238	31.5	28.5 - 31.5
MW172*	-	375283.14	6435355.8	16.772	26	-
MW173*	-	375430.81	6435284.52	10.08	11.11	-
MW193	2009	375508.55	6435098.21	11.86	13.5	10.5 - 13.5
MW195S	2008	375735.25	6435293.18	4.571	6.5	3.5 - 6.5
MW195D	2008	375737.03	6435293.35	4.363	13.0	10.0 - 13.0
MW196*	-	375995.91	6435294.6	12.75	13.8	-
MW199*	-	376029.54	6435161.036	11.8	-	-
MW200*	-	376257.05	6435163.648	2.07	-	-
MW202*	-	376468.79	6434833.07	2.121	-	-
MW203*	-	376155.58	6434834.12	10.855	-	-
MW214	2017	375891.231	6432273.413	8.075	9.0	5.5 - 9.0
MW215	2017	375849.425	6431907.202	3.794	4.5	1.5 - 4.5
MW216	2017	376015.304	6432232.151	8.329	9.0	6.0 - 9.0
MW217	2017	376182.988	6432372.132	8.847	9.5	6.5 - 9.5
MW220*	-	376260.7742	6432333.207	-	-	-
MW224	2017	376270.928	6432090.977	13.372	14.25	11.25 - 14.52
MW225	2017	376605.45	6431932.234	4.066	5.0	2.0 - 5.0
MW226	2017	376798.645	6432087.539	1.749	3.8	0.75 - 3.8
MW227	2017	376522.067	6432424.034	2.961	4.2	1.25 - 4.2
MW228	2017	376443.972	6432563.872	2.23	3.75	0.75 - 3.75
MW233*	-	376680.16	6434320.8	3.705	4.968	-
MW236*	-	376256.45	6434168.67	4.6442	5.66	-
MW238*	-	376846.72	6434047.83	4.827	-	-
MW239*	-	376897.75	6434047.61	4.03	-	-
MW240*	-	376825.33	6433978.29	4.483	6.8	-
MW242*	-	376976.09	6434000.26	3.539	4.76	-
MW243*	-	376825.22	6433936.86	4.892	7.0	-
MW245*	-	376918.69	6433941.94	4.551	5.65	-
MW249	2017	377131.46	6433911.436	5.227	6.5	3.5 - 6.5
MW255	2017	376282.378	6433831.895	4.609	6.0	3.0 - 6.0
MW256	2017	376342.186	6433831.509	3.835	6.0	3.0 - 6.0
MW257	-	376331	6433783	3.806	5.7	2.7 - 5.7
MW258	-	376320	6433758	4.043	6.0	3.0 - 6.0
MW259	-	376344	6433757	3.8	5.5	2.5 - 5.5
MW261*	-	376708.09	6433728.72	3.858	6.0	3.0 - 6.0
MW264	2017	376489.703	6433743.883	4.806	6.0	3.0 - 6.0

Well ID	Date Drilled	Easting	Northing	RL TOC (mbTOC)	Depth (mbTOC)	Screen Interval (mbTOC)
MW268	2017	376478.133	6433571.27	4.056	5.5	2.5 - 5.5
MW269	2017	376550.817	6433619.688	4.153	5.5	2.5 - 5.5
MW282	2017	376070.828	6432003.232	5.78	7.5	4.5 - 7.5
MW288	2017	376735.953	6434566.951	4.003	5.25	2.25 - 5.25
MW289	2017	376599.58	6434490.565	4.495	6.25	3.25 - 6.25
MW468*	2019	376155	6435407	-	1.2	00 – 1.2
MW496	2019	376915.81	6433795.17	5.092	8.0	3.5 – 8.0
MW500	2019	375548.49	6436184.17	3.692	6.5	2.0 – 6.5
MW516	2020	376896.36	6433825.69	6.37	7.5	4.5 - 7.5
MW553	2023	376709.89	6433730.45	3.801	6.0	3.0 – 6.0

Notes:
Easting and Northing co-ordinates are in MGA94 zone 50,
RL – Reduced Level,
TOC – Top of Casing
mbTOC – metres below Top of Casing
* No bore log available

5.1.2 Porewater, surface water and sediment monitoring locations

The co-located porewater and sediment monitoring locations and the surface water monitoring locations are presented in Table 11, along with the rationale for the selection, and are presented in Figure 3, Appendix A.

Table 11 OMP Surface Water, Porewater and Sediment Monitoring Locations

Area	Surface water sampling location ID	Sediment sampling location ID	Porewater sampling location ID	Rationale
Fire Training Area (Figure 3a)	SW130, SW132, SW134	SD335, SD340, SD341, SD362, SD363, SD364	PW335, PW340, PW341, PW362, PW363, PW364	Monitoring of these locations will provide an understanding of any changes to the nature, extent and magnitude of PFAS concentrations in the marine environment owing to seasonal fluctuations or other factors. The monitoring will also support identification of the requirement to refine or implement additional measures to manage exposure of ecology to PFAS in the marine environment.
Demolition Ground (Figure 3b)	SW150, SW152, SW154, SW156	SD329, SD330, SD331, SD356, SD357, SD358	PW329, PW330, PW331, PW356, PW357, PW358	
WWTP (Figure 3c)	SW305, SW370, SW371, SW372, SW373, SW353, SW382, SW383, SW384	SD304, SD345, SD367, SD368, SD369, SD350, SD351, SD352, SD380, SD381, SD401	PW304, PW345, PW367, PW368, PW369, PW350, PW351, PW352, PW380, PW381, PW401	
Helicopter Support Facility (Figure 3d)	SW309, SW310, SW311, SW406, SW408, SW410, SW412, SW414, SW416	SD306, SD307, SD308, SD314, SD315, SD316, SD405, SD407, SD409, SD411, SD413, SD415	PW306, PW307, PW308, PW314, PW315, PW316, PW405, PW407, PW409, PW411, PW413, PW415	
Accommodation Area (Figure 3e)	-	SD346	PW346	
Dredged Sediments (Figure 3e)	SW317, SW318, SW319	SD374, SD375, SD378	PW374, PW375, PW378	

5.2 Sampling Methodology

5.2.1 Groundwater sampling methodology

The groundwater sampling methodology is detailed in Table 12.

Table 12 Groundwater Sampling Methodology

Activity	Details
Well Gauging	Monitoring wells will first be gauged to allow subsequent correction of groundwater levels relative to Australian Height Datum (AHD) prior to groundwater sample collection. All depth measurements will reference the top of the well casing as an established datum.
Groundwater Physicochemical Parameters	The physicochemical parameters will be recorded via a pre-calibrated water quality meter from HydraSleeves® or via a peristaltic pump. The following parameters will be recorded: – pH. – electrical conductivity (EC). – oxidation-reduction potential (ORP). – Dissolved oxygen (DO). – Temperature. The water quality meter will be calibrated by the equipment supplier and daily readings of reference solutions (“bump tests”) completed to optimise the accuracy of the measurements taken.
Deployment and Retrieval of HydraSleeves®	In compliance with section 18 of the HEPA NEMP (2025), groundwater samples will be collected using bore-dedicated polypropylene HydraSleeves®. The HydraSleeves® will be installed and left in place for a minimum of 24 hours prior to retrieving for sample collection. Where monitoring well construction details are available, the HydraSleeves® will be positioned to target the mid-section of the screened interval. Where construction details are not available, the Samples will be collected via continuous pull method at a rate allowing the water to pass through the check value into the sample sleeve. Samples will be discharged immediately (minimise changes in chemistry) via discharge tube. Following sampling, new HydraSleeves® will be deployed in preparation for the next OMP monitoring event using the same string for consistency (same depth of sampling i.e. within screen depth).
Alternative sampling methodology (low flow micro-purge)	In the event the water column isn’t sufficient to fill the HydraSleeve®, the HydraSleeve® will be deployed with a top weight and left in wells for a minimum of 24 hours to allow re-stabilisation of the well. If the HydraSleeve® is then retrieved with no or insufficient sample volume, low-flow sampling will occur via a low-flow micro-purge pump using the following methodology: – Post-gauging, each monitoring well will be purged using a low-flow micro-purge pump and inert High-density Polyethylene (HDPE) tubing. The upper end of the tubing will be connected to the flow cell of a water quality meter positioned to prevent entrapment of oxygen. – The pump intake will be placed approximately 0.5 m below the top of screen (or at least 0.5 m below the top of the water column) to ensure collection of samples representative of groundwater quality beneath the base. – Measurement of water quality parameters will be undertaken immediately after the flow cell is full and continued thereafter at two to five-minute intervals during the purging process. Field parameters including pH, DO, ORP, EC, TDS and temperature will be measured and recorded on field data sheets during purging until stabilisation is achieved. – Purging will be undertaken until stabilisation of field parameters is achieved after which the well will be subsequently sampled. Parameters will be considered stable when they are within the following range (where practicable within the time constraints of the program): • Temperature: +/- 0.02°C • pH: +/- 0.05 • EC: +/- 3% • DO: +/- 10% • ORP: +/- 10mV – Representative groundwater samples will be collected directly from the HDPE tubing into laboratory-supplied pre-preserved sample containers.
Field Records	Field records will include the following information:

Activity	Details
	– Gauging data – Sampling time and date. – Weather conditions. – Sample Collection method. Where a HydraSleeve® is used for sample collection, the target interval depth will be recorded. – Stabilised field parameters. – Observations regarding water quality (e.g., turbidity, colour etc.) or obvious indicators of contamination (e.g., sheens). – Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised. – Calibration and daily bump test records. All sample documentation including field notes, reporting records, CoC and equipment calibration certificates and procedures will be retained within project files.
Decontamination procedure	Dedicated HydraSleeves® and single-use nitrile gloves will be used at each groundwater bore thus removing the need for decontamination. Single-use nitrile gloves will be worn during sampling and appropriately disposed of between each sampling location. All reusable sampling equipment will be thoroughly washed using PFAS-free detergent then double-rinsed with laboratory-supplied rinsate water before the sample collection.
Sample identification, preservation transport and holding times	Each sample bottle will be pre-labelled by the laboratory with a unique barcode which will be scanned into a mobile application to generate the Chain of Custody (CoC). Samples will be collected directly in appropriately preserved laboratory-supplied bottles (Teflon-free) and packed in chilled containers for delivery to the laboratory under CoC documentation. Sample containers, preservation procedures, sample storage requirements and holding times will be undertaken in accordance with those recommended by Standards Australia (AS/NZS 5667.1:1998)

5.2.2 Surface water sampling methodology

The methodology for the surface water monitoring is detailed in Table 13.

Table 13 Surface Water Sampling Methodology

Item	Details
Physicochemical parameters	Surface water physiochemical parameters (i.e. pH, electrical conductivity (EC), oxidation reduction potential (ORP), dissolved oxygen (DO), and temperature) will be recorded at the time of sampling using a pre-calibrated water quality meter. Field observations such as odours or sheen presence must also be recorded on field sampling sheets.
Sampling Method	Where the embankment of the water body is stable and the water body can be safely accessed, surface water samples will be collected by hand, directly into the laboratory supplied sample containers using a 'Grab' (manual) sample method. Where depth permits, the sample container should be positioned at least 10 cm below the surface water level and above the sediment bed and oriented with the capped opening facing downwards to avoid the collection of surface films. Once in position, the container cap will be removed to allow sample collection. Where sampling points cannot be safely accessed, surface water samples will be collected using a long-handled sampler and decanted into the laboratory supplied sample containers. Samples will be collected in accordance with Australian/New Zealand Standards (AS/NZS 5667.1:1998) Water quality – Sampling – Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples.
Sample Collection	Water samples will be placed directly into appropriately labelled, laboratory supplied sample bottles and packed in chilled containers for delivery to the laboratory under Chain of Custody documentation.
Decontamination	All re-usable sampling equipment will be thoroughly washed using PFAS-free detergent, then double rinsed with laboratory-supplied rinsate water before the sample collection. Single-use nitrile gloves will be worn during sampling.

Item	Details
Sample identification, preservation, transport and holding times	Each sample container will be pre-labelled by the laboratory with a unique barcode which will be scanned into a mobile application to generate the CoC. Samples will be contained in appropriately preserved laboratory supplied bottles (Teflon-free) and packed in chilled containers for delivery to the laboratory under Chain of Custody documentation. Sample containers, preservation procedures, sample storage requirements and holding times will be undertaken in accordance with those recommended by Standards Australia (AS/NZS 5667.1:1998 as appropriate).
Field Records	Field records will include the following information: – Sampling time and date. – Weather conditions. – Sample Collection method. – Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised. – Calibration and daily bump tests records. All sample documentation including field notebooks, reporting records, CoC and equipment calibration certificates and procedures will be retained within project files.

5.2.3 Sediment sampling methodology

The methodology for sediment sampling is detailed in Table 14.

Table 14 Sediment Sampling Methodology

Item	Details
Sediment Sample Collection	Sediment samples will be collected at the sediment/water interface using hand tools (e.g. trowel, hand auger, PVC pipe etc.) with samples placed directly into appropriately labelled, laboratory supplied sample containers and packed in chilled containers for delivery to the laboratory under Chain of Custody documentation. At each sampling location, the sediment sample will be visually assessed and observations (including physical description) recorded on field data sheets.
Field Records	Field records will include the following information: – Sampling time and date. – Weather conditions. – Sample Collection method. – Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised. All sample documentation including field notebooks, reporting records, CoC and equipment calibration certificates and procedures will be retained within project files.
Decontamination	All re-usable sampling equipment will be thoroughly washed using PFAS-free detergent, then double rinsed with laboratory-supplied rinsate water before the sample collection. Single-use nitrile gloves will be worn during sampling.

5.2.4 Porewater sampling methodology

The methodology for porewater sampling is outlined in Table 15.

Table 15 Seepage Water Sampling Methodology

Item	Details
Porewater Sample Collection	Sampling will be conducted using a reusable stainless steel peizometer which has a screened zone consisting of a series of very fine interlaced machined slots to allow porewater to enter the sampler. The sampling end of the piezometer will be inserted into the surficial marine sediments to approximately 0.5m below the surface. Once the target sample depth is reached, porewater will be collected using a peristaltic pump and dedicated tubing into laboratory supplied bottles. Field parameters will be recorded (pH, EC, TDS, redox, DO and temperature). Purging prior to sampling is not considered necessary due to the highly transmissive nature of the intertidal zone sediments.

Item	Details
	Field EC and/or TDS readings will be used to assess whether the porewater sample is representative of discharging groundwater and not purely seawater.
Field Records	Field records will include the following information: – Sampling time and date. – Weather conditions. – Sample Collection method. – Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised. All sample documentation including field notes, reporting records, COC and equipment calibration certificates and procedures will be retained within project files.
Decontamination	All re-usable sampling equipment will be thoroughly washed using PFAS-free detergent (mixed per supplier instructions), then double rinsed with suitable laboratory-supplied rinsate water before the sample collection. Single-use nitrile gloves will be worn during sampling. Tubing will be replaced at each sampling location.

5.3 Sample Analysis

Groundwater, seepage, surface water and sediment samples will be analysed for the full PFAS analytical suite (see Appendix C).

Laboratory LOR must be selected to achieve the OMP objectives (Section 1.1) and the DQOs.

It is proposed to discontinue the January 2019 OMP requirement to analyse samples for major ions (including calcium, magnesium, sodium, potassium, chloride, sulphate etc.) and physicochemical parameters (dissolved organic carbon, total/dissolved solids, pH etc.) on the following basis:

– To date, the recorded concentrations of major ions and physicochemical parameters in the samples have not informed conclusions regarding changes to the nature and extent of PFAS impacts, the CSM or the base risk profile (Stantec, 2024b).
– Ongoing monitoring of PFAS concentrations paired with groundwater level gauging (and subsequent flow direction interpretation) and in-situ (i.e., field) measurement of physicochemical parameters (e.g., total dissolved solids, pH, electrical conductivity etc) is likely to provide better value as lines of evidence in support of fulfilment of the OMP objectives.

If unexpected PFAS concentration data is identified as requiring further assessment, analysis of selected samples for ions and/or physicochemical parameters could be considered and re-introduced through the update of this OMP SAQP.

All analyses will be undertaken by NATA-accredited laboratories, as follows:

– Primary analysis will be undertaken by ALS Global Laboratories
– Secondary analysis will be undertaken by Eurofins ARL.

6. Quality Assurance and Quality Control

6.1 Field Program QA/QC

6.1.1 Field quality assurance procedures

All fieldwork will be conducted with reference to the DWER (2021) contaminated sites guidelines and the PFAS NEMP to seek to enable the collection of samples by a set of uniform and systematic methods, as required by GHD's QA system. Key requirements of these procedures are listed below. Specific requirements for handling PFAS samples to prevent cross-contamination are detailed in HEPA (2020). These requirements will be complied with during sampling:

- **Sampling team:** The sampling team will follow the methodologies presented within Section 5 which are generally consistent with those adopted during the DSI (GHD 2018) and the OMP to date. All field staff involved in sampling will be experienced in their respective fields and considered competent in accordance with GHD's QA system.
- **Sample collection, handling and transport:** Groundwater and surface water samples will be collected using new disposable nitrile gloves for each sample. Specific requirements for handling PFAS samples such as not using water-proofed clothing and having food wrappers on-base, as per the HEPA (2020) guidelines, will be adhered to at all times. Samples will be placed into laboratory-provided Teflon-free sample jars/bottles and, once collected, will be placed on ice (contained in plastic bags) in insulated containers. Samples will be delivered to the laboratory within the recommended holding times for the respective analytes.
- **Sample identification procedures:** Each sample will be labelled as per DCMM Annex L with the sample location, date, project identification number and sampler's initials. Sample details will be entered into a CoC form that accompanies each batch of samples to the laboratory.
- **CoC information requirements:** A CoC form will be completed and forwarded to the testing laboratory with each batch of samples.
- **Collection of QC samples:** Field QC samples will be collected as detailed in Section 6.1.2.
- **Calibration of field equipment:** Prior to use in the field, all field instruments (i.e. water quality meter) will be calibrated by the equipment supplier to optimise the accuracy of the measurements taken.

6.1.2 Sampling and analysis of quality control

The ASC NEPM, DWER (2021) guidelines and the PFAS NEMP outline a recommended approach to QC sampling. The QC samples to be collected during the implementation of the OMP are described as follows:

- **Blind duplicate:** Blind duplicate samples are used to identify the variation in the analyte concentration between samples from the same sampling point.
- **Split duplicate:** Split duplicate samples provide an indication of the repeatability of the results between laboratories.
- **Field blanks:** Field blanks are used to assess the potential for contamination of a sample during the collection procedure as a result of ambient or atmospheric influence. Field blanks are collected by pouring laboratory-supplied deionised water into laboratory-supplied bottles on-base.
- **Rinsate blanks**: Rinsate blank samples are used to estimate the amount of contamination introduced by the reuse of sampling equipment. They are obtained by pouring laboratory-supplied deionised water over decontaminated sampling equipment (e.g. interphase probe) into laboratory-supplied bottles.

The QC sample collection frequency, and the nominated acceptance criteria for data quality evaluation, are presented in Table 16. In the instance that the acceptance criteria listed above are not met, further assessment of the data will be required to determine the impact that this has on the interpretation of the data. This will include consideration of a number of factors including proximity of reported concentrations to the LOR, the magnitude of reported concentrations, sample heterogeneity and the significance of the parameter being measured in the context of project and data quality objectives.

Table 16 Sampling and Analysis QA/QC Analytical Program

Sample type	Analysis	Rationale	Acceptance criteria
Blind duplicate samples	Standard PFAS suite	One blind duplicate sample for every 10 samples	0 – 30% relative percentage difference (RPD)
Split duplicate samples	Standard PFAS suite	One split duplicate sample for every 10 samples	
Field and rinsate blanks	Standard PFAS suite	One field blank and one rinsate blank per day	<LOR

Blind and split duplicate samples will be assessed by calculating the Relative Percentage Difference (RPD) between the primary, blind and split samples in accordance with the procedure described in the ASC NEPM. Calculation of RPDs provides a quantitative measure of the accuracy of the analytical results reported.

RPD results will be considered acceptable if they are less than or equal to 30%. The only exception to this is when concentrations within the primary and blind or split sample are less than ten times the laboratory LOR. In this case, a greater RPD value is considered acceptable. Where an RPD value is greater than 30%, the greater of the concentrations reported between primary and duplicate pairs will be considered for risk assessment purposes.

6.2 Laboratory QA/QC

6.2.1 Laboratory analytical programs

Laboratory methods to be used by the primary and secondary laboratories will be suitable for PFAS analysis and are based on established internationally recognised procedures. Each of the laboratories is NATA accredited for the proposed analysis.

6.2.2 Laboratory quality control procedures

The following laboratory QC procedures will be used during the investigation.

6.2.2.1 Laboratory duplicate samples

Laboratory duplicate sample analysis is the analysis of a laboratory-derived duplicate sample from the process batch, at a rate equivalent to one in 10 samples per analytical batch, or one sample per batch if less than 10 samples are analysed in a batch. A laboratory duplicate provides data on the analytical precision and reproducibility of the analytical results.

The permitted ranges for the RPD of laboratory duplicates are dependent on the magnitude of the results in comparison to the level of reporting as shown in Table 17.

Table 17 Acceptable Laboratory RPD Ranges

Magnitude of result	Acceptable RPD range
< 10 x LOR	No defined limit, to be qualitatively evaluated
10 - 20 x LOR	0% - 50%
> 20 x LOR	0% - 20%

6.2.2.2 Method blank samples

Method or analysis blank sample analysis is the analysis of a sample that is as free as possible of the analytes of interest but has been prepared the same as the samples under investigation. The analysis is to ascertain if laboratory reagents, glassware and other laboratory consumables contribute to the observed concentration of analytes in the process batch. If below the maximum acceptable method blank (20% of the practical quantitation limit), the contribution is subtracted from the gross analytical signal for each analysis before calculating the sample analyte concentration. The method blank should return analyte concentrations below the LOR.

6.2.2.3 Laboratory control samples

Laboratory control spike analysis is the analysis of either a reference material or a control matrix fortified with analytes representative of the analyte class. The purpose of laboratory control spike samples is to monitor method precision and accuracy independent of the sample matrix. Typically, the percentage recovery of the laboratory control spike sample is compared to the dynamic recovery limits based on the statistical analysis of the processed laboratory control spike sample analysis. Recoveries should lie between 70% and 130%.

6.2.2.4 Matrix spike samples

Matrix spike sample analysis is the analysis of one or more replicate portions of samples from the batch, after fortifying the additional portion(s) with known quantities of the analyte(s) of interest. The percentage recovery of target analyte(s) from matrix spike samples is used to determine the bias of the method in the specific sample matrix. Recoveries should lie between 70% and 130%.

6.2.2.5 Surrogate spike samples

Surrogate spike samples are samples with known additions of known amounts of compounds, which are similar to the analytes of interest in terms of extractability, recovery through clean-up procedures and response to chromatographic or other measurements. Surrogate compounds may be alkylated or halogenated analogues or structural isomers of analytes of interest. The purpose of surrogate spikes, which are added immediately before the sample extraction step, is to provide a check for every analysis that no gross processing errors have occurred, which could have led to significant analyte loss or faulty calculation. Recoveries should lie between 50% and 150%.

6.2.2.6 Internal standards

Internal standards are known additions of known amounts of compounds that are not found in real samples, will not interfere with quantification of analytes of interest and may be separately and independently quantified. The purpose of internal standards in instrumental techniques is to provide independent signals, which serve to check the consistency of the analytical step. Internal standards are often used for organic compounds and some inorganic compounds.

7. Reporting

7.1 Factual and Interpretive Reporting

After each monitoring event, information, field and laboratory data will be documented in a factual report.

At the end of a specified monitoring period (typically 12 months) the whole data set (including the current and historical data) will be reviewed, and an interpretive Ongoing Monitoring Report (OMR) prepared. The OMR will report on the objectives of the OMP as outlined in Section 1.1.

7.2 Deviations from the OMP

This OMP SAQP supersedes the previous Cardno/Stantec SAQP which was revised in response to various factors and/or changes throughout its implementation from 2019 to 2024. Those deviations/changes are described within the previous Stantec SAQP (Stantec 2024a). Moving forward, changes and/or deviations to this OMP SAQP will be captured in a revised OMP SAQP and identified in a Deviations Register.

8. References

General References

- Australian Standard AS 4482-2005 *Guide to the investigation and sampling of sites with potentially contaminated soils, Part 1 – Non-volatile and semi-volatile compounds.*
- Australian Standard AS 4482-1999 *Guide to the investigation and sampling of sites with potentially contaminated soils, Part 2 – Volatile substances.*
- Australian and New Zealand Guidelines, 2018. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality.*
- *Contaminated Sites Act 2003*, Western Australia.
- Department of Defence, Department of Energy, 2018, *Quality System Manual Schedule B15.*
- Department of Defence, 2021, *Defence Contamination Management Manual (DCMM) Annex L Data Management.*
- Department of Defence, May 2021, *PFAS OMP Factual Report Guidance*, Version 0.2.
- Department of Defence, October 2022, *PFAS OMP Annual Interpretive Report Guidance*, Version 0.4.
- Department of Defence, January 2023, *PFAS OMP Sampling, Analysis and Quality Plan Guidance*, Version 0.1.
- Department of Water and Environmental Regulation (DWER), 2021, *Assessment and Management of Contaminated Sites*.
- Heads of Environmental Protection Authority's Australia and New Zealand (HEPA), 2025, *PFAS National Environmental Management Plan 3.0* (NEMP).
- National Environment Protection Council (NEPC), 1999, *National Environmental Protection (Assessment of Site Contamination) Measure* (as amended 2013) (ASC NEPM).
- National Health and Medical Research Council (NHMRC), August 2019, *Guidance on Per and Polyfluoroalkyl Substances (PFAS) in Recreational Water.*
- Standards Australia 1998. AS/NZ 5667:1998 *Water quality – sampling.*
- U.S. Environmental Protection Agency (EPA), 2000, *Guidance for the Data Quality Objectives Process (EPA QA/G-4).*
- US EPA, 2002, *Guidance on Environmental Data Verification and Data Validation (EPA QA/G-8).*

Site Specific References

- Cardno, 16 April 2020a, *PFAS OMP 2019 Q4 Quarterly Monitoring Factual Report, HMAS Stirling.*
- Cardno, 14 May 2020b, *PFAS OMP 2020 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling.*
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- Cardno, 5 August 2021d, PFAS OMP 2021 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling
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- Cardno, 9 December 2022d, *PFAS OMP – 2021 Annual Interpretive Report, HMAS Stirling.*
- Cardno, 22 December 2022e, *PFAS OMP 2022 Q3 Quarterly Sampling Event Factual Report, HMAS Stirling.*
- Cardno, 24 February 2023a, *PFAS OMP 2022 Q4 Quarterly Sampling Event Factual Report, HMAS Stirling.*
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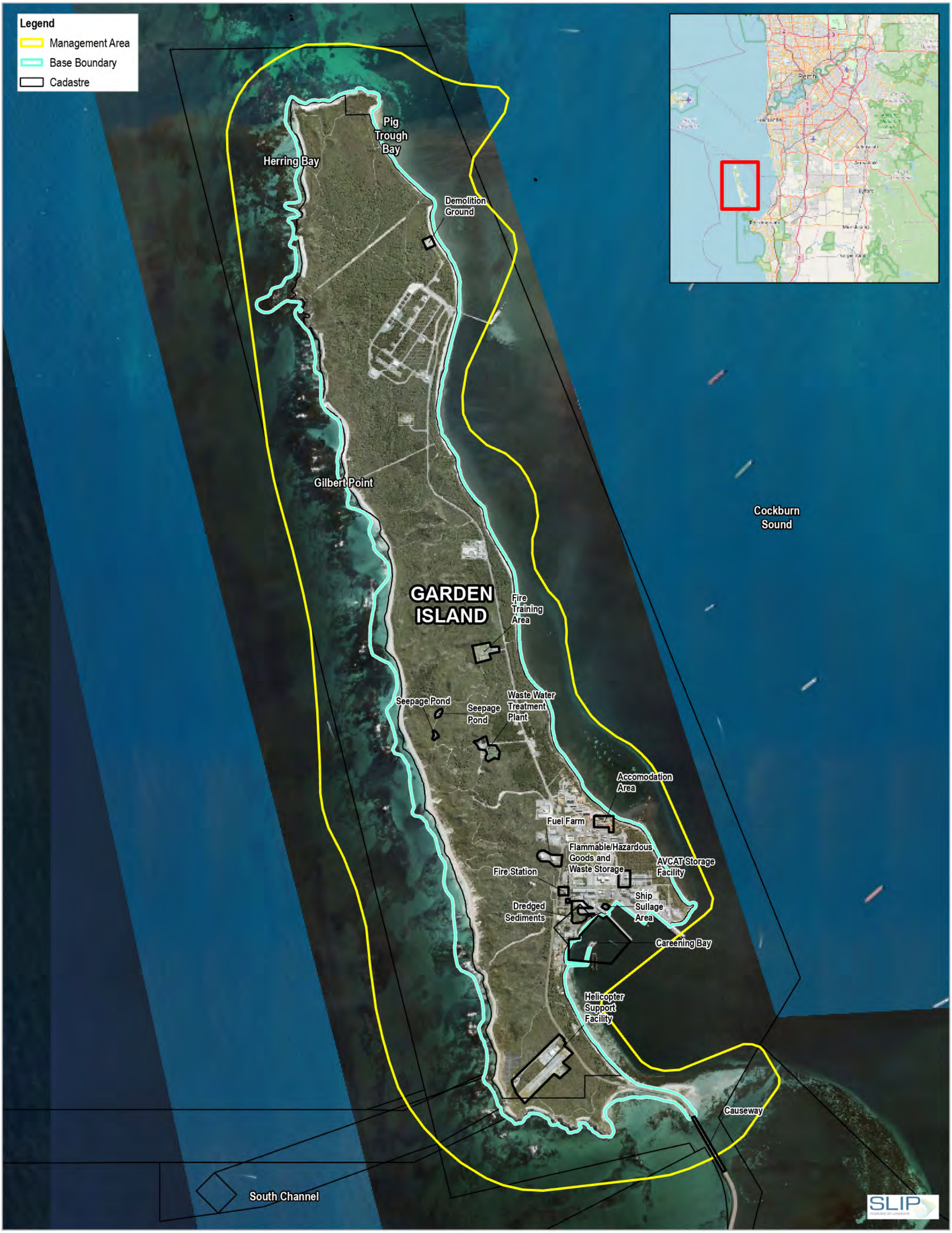
Appendices

Appendix A

Figures



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Meters

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

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Department of Defence
PFAS Ongoing Monitoring Plan
Sampling and Analysis Quality Plan (SAQP)
HMAS Stirling

Base Layout and Management Area

Project No. **12641234**
Revision No. **0**
Date **08/04/2025**

FIGURE 1

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Print date: 08 Apr 2025 - 15:03

Data source: OpenStreetMap: © OpenStreetMap (and) contributors, CC-BY-SA
WA Now Imagery (SLIP Token): . Created by: rbrown3



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Grid: GDA 1994 MGA Zone 50

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PFAS Ongoing Monitoring Plan
Sampling and Analysis Quality Plan (SAQP)
HMAS Stirling

PFAS Source Areas

Project No. **12641234**
Revision No. **0**
Date **08/04/2025**

FIGURE 2

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Meters

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

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Sampling and Analysis Quality Plan (SAQP)
HMAS Stirling

Monitoring Locations – Fire Training Area

Project No. **12641234**
Revision No. **0**
Date **08/04/2025**

FIGURE 3a

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Meters

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Grid: GDA 1994 MGA Zone 50

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Sampling and Analysis Quality Plan (SAQP)
HMAS Stirling

Monitoring Locations – Demolition Ground

Project No. **12641234**
Revision No. **0**
Date **08/04/2025**

FIGURE 3b

G:\61\12641234\GIS\Maps\Working\12641234_StirlingSAQP\12641234_StirlingSAQP.aprx\12641234_HMASStirlingSAQP_003b_DemolitionGround_Rev0
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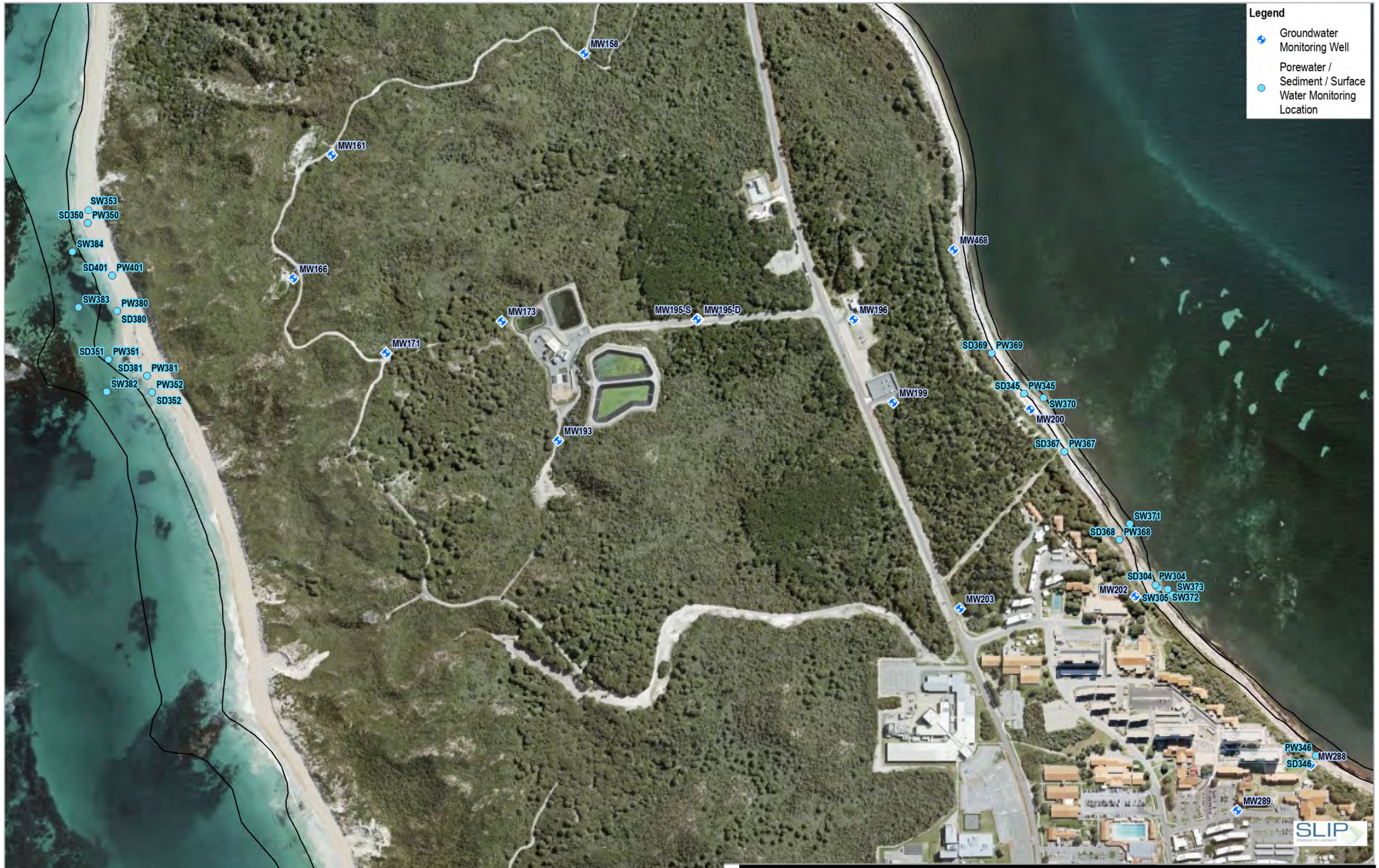

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Meters

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 50

N

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PFAS Ongoing Monitoring Plan
Sampling and Analysis Quality Plan (SAQP)
HMAS Stirling

Monitoring Locations – Wastewater Treatment Plant

Project No. **12641234**
Revision No. **0**
Date **08/04/2025**

FIGURE 3c

G:\61\12641234\GIS\Maps\Working\12641234_StirlingSAQP\12641234_StirlingSAQP.aprx\12641234_HMASStirlingSAQP_003c_WastewaterTreatmentPlant_Rev0
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Paper Size ISO A3

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Meters

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Grid: GDA 1994 MGA Zone 50

N

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Sampling and Analysis Quality Plan (SAQP)
HMAS Stirling

Monitoring Locations – Helicopter Support Facility

Project No. **12641234**
Revision No. **0**
Date **08/04/2025**

FIGURE 3d

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Paper Size ISO A3

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Meters

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Grid: GDA 1994 MGA Zone 50

N

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Sampling and Analysis Quality Plan (SAQP)
HMAS Stirling

Monitoring Locations – Main Base Layout

Project No. **12641234**
Revision No. **0**
Date **08/04/2025**

FIGURE 3e

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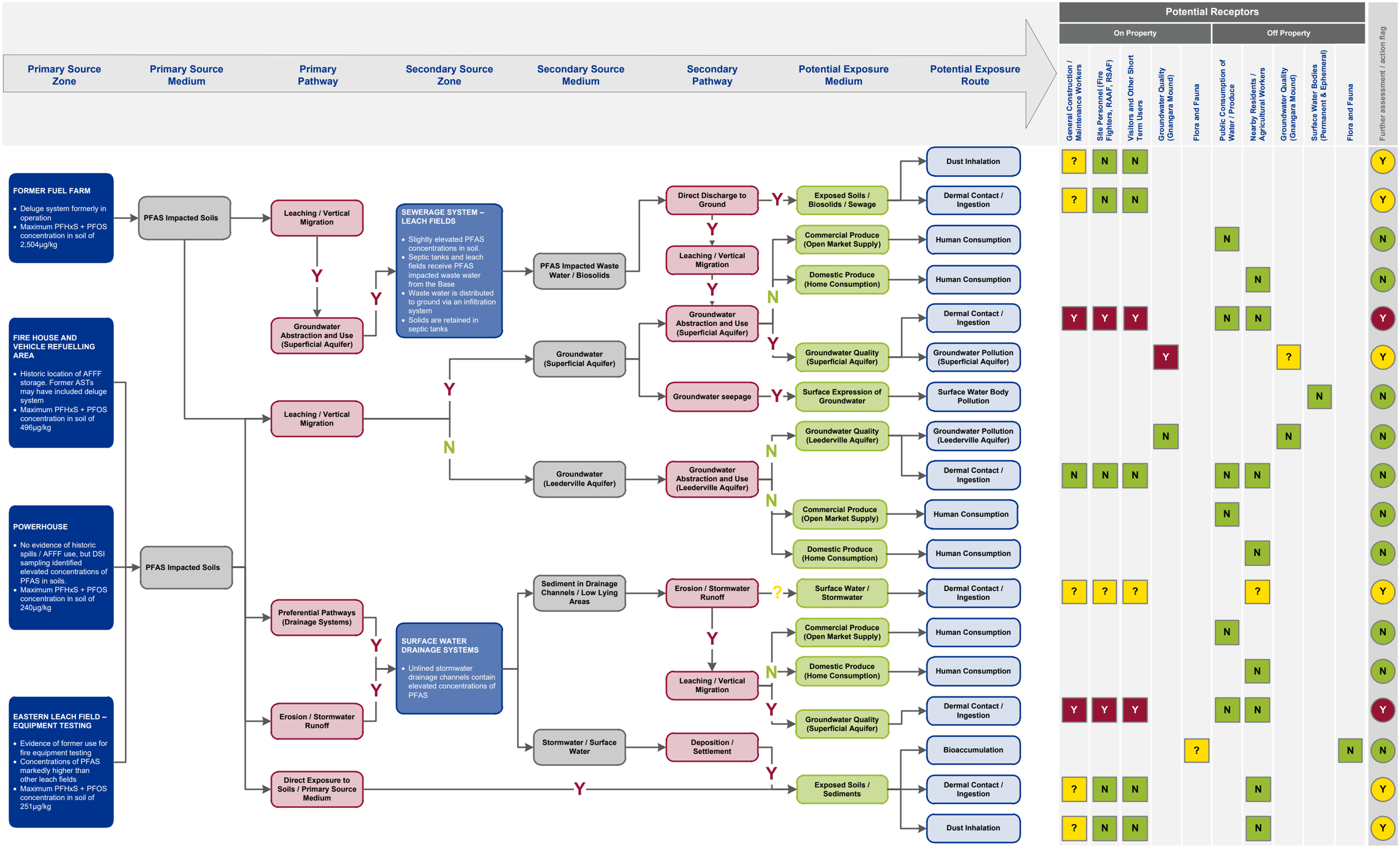
Data source: WANow: . Created by: rbrown3

Appendix B

Source-pathway-receptor evaluation



Pathways

- Y — Likely Complete Pathway Exists
- ? — Potential Complete Pathway Exists
- X — No Complete Pathway Identified

Source – pathway – receptor (SPR) linkages

- Y — SPR linkage confirmed during DSI – risk to potential receptors to be considered further
- ? — SPR linkage either unconfirmed or conceivable – further assessment to be considered
- N — Absence of SPR linkage confirmed during DSI – no further action required

Further assessment / action flag

- Y — Risk assessment recommended in short term to asses level of risk to relevant receptors
- Y — Further monitoring recommended to verify DSI findings. Risk assessment may be required for specific activities
- N — No further action is required based on DSI results observed

Conceptual Site Model

Project Title: Comprehensive PFAS Investigation at Gingin Satellite Airfield

Client: Department of Defence

Contract No.: PFAS 2017-18 Gingin

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Appendix C

PFAS analytical suite

Group/Analytes	Water Std level (µg/L)	Water Std level (µg/L)	Water Low Level (µg/L)	Water Low Level (µg/L)	Super Trace (µg/L)	Super Trace (µg/L)	Super Ultra Trace (µg/L)	Super Ultra Trace (µg/L)
Method Code	EP231	EP231X	EP231-LL	EP231X-LL	EP231-ST	EP231X-ST	EP231-SUT	EP231X-SUT
Sample Volume Requirement	2x 20 mL	2x 20 mL	2x 20 mL	2x 20 mL	2x 120 mL	2x 120 mL	2x 120 mL	2x 120 mL
Perfluoroalkyl Sulfonic Acids								
Perfluoropropane sulfonic acid (PFPrS)		0.02		0.01		0.002		0.002
Perfluorobutane sulfonic acid (PFBS)	0.02	0.02	0.002	0.002	0.0005	0.0005	0.0005	0.0005
Perfluoropentane sulfonic acid (PFPeS)		0.02		0.002		0.0005		0.0005
Perfluorohexane sulfonic acid (PFHxS)	0.01	0.01	0.002	0.002	0.0005	0.0005	0.0005	0.0005
Perfluoroheptane sulfonic acid (PFHpS)		0.02		0.002		0.0005		0.0005
Perfluorooctane sulfonic acid (PFOS)	0.01	0.01	0.002	0.002	0.0003	0.0003	0.0002	0.0002
Perfluorononane sulfonic acid (PFNS)		0.02		0.002		0.0005		0.0005
Perfluorododecane sulfonic acid (PFDoDS)*		0.25		0.25		NA		0.005
Perfluorodecane sulfonic acid (PFDS)		0.02		0.002		0.0005		0.0005
Perfluoroalkyl Carboxylic Acids								
Perfluorobutanoic acid (PFBA)	0.1	0.1	0.01	0.01	0.002	0.002	0.002	0.002
Perfluoropentanoic acid (PFPeA)	0.02	0.02	0.002	0.002	0.0005	0.0005	0.0005	0.0005
Perfluorohexanoic acid (PFHxA)	0.02	0.02	0.002	0.002	0.0005	0.0005	0.0005	0.0005
Perfluoroheptanoic acid (PFHpA)	0.02	0.02	0.002	0.002	0.0005	0.0005	0.0005	0.0005
Perfluorooctanoic acid (PFOA)	0.01	0.01	0.002	0.002	0.0005	0.0005	0.0005	0.0005
Perfluorononanoic acid (PFNA)		0.02		0.002		0.0005		0.0005
Perfluorodecanoic acid (PFDA)		0.02		0.002		0.0005		0.0005
Perfluoroundecanoic acid (PFUnDA)		0.02		0.002		0.0005		0.0005
Perfluorododecanoic acid (PFDoDA)		0.02		0.002		0.0005		0.0005
Perfluorotridecanoic acid (PFTrDA)		0.02		0.002		0.0005		0.0005
Perfluorotetradecanoic acid (PFTeDA)		0.05		0.005		0.0005		0.0005
Perfluorohexadecanoic acid (PFHxDA)		0.05		0.005		NA		NA
Perfluoroalkyl Sulfonamides								
Perfluorooctane sulfonamide (FOSA)		0.02		0.002		0.0005		0.0005
N-Methyl perfluorooctane sulfonamide (MeFOSA)		0.05		0.005		0.001		0.001
N-Ethyl perfluorooctane sulfonamide (EtFOSA)		0.05		0.005		0.001		0.001
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)		0.05		0.005		0.001		0.001
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)		0.05		0.005		0.001		0.001
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		0.02		0.002		0.0005		0.0005
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		0.02		0.002		0.0005		0.0005
(n:2) Fluorotelomer Sulfonic Acids								
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	0.05	0.05	0.005	0.005	0.001	0.001	0.001	0.001
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.05	0.05	0.005	0.005	0.001	0.001	0.001	0.001
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.05	0.05	0.005	0.005	0.001	0.001	0.001	0.001
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	0.05	0.05	0.005	0.005	0.001	0.001	0.001	0.001
PFAS Sums								
Sum of PFAS		0.01		0.002		0.0003		0.0002
Sum of PFHxS and PFOS	0.01	0.01	0.002	0.002	0.0003	0.0003	0.0002	0.0002
Sum of PFAS (WA DER List)	0.01	0.01	0.002	0.002	0.0003	0.0003	0.0002	0.0002

*PFDoDS only available upon request, performed by ALS Sydney



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PFAS Ongoing Monitoring Plan Sampling and Analysis Quality Plan (SAQP)

HMAS Stirling

Prepared for

Department of Defence

May 24

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Appendices

Appendix A Figures

Appendix B Full PFAS Analytical Suite

1 Introduction

Cardno have been engaged by the Australian Department of Defence ('Defence') to prepare a Sampling and Analysis Quality Plan (SAQP) as part of the Ongoing Monitoring Plan (OMP), the purpose of which is to monitor trends in the extent and concentrations of per- and poly-fluoroalkyl substances (PFAS) impacts identified on and around HMAS Stirling, located on Garden Island, 4 km off the Western Australian mainland, adjacent to the suburb of Rockingham (Figure 1, Appendix A).

The OMP SAQP applies to not only HMAS Stirling, but also the surrounding areas that, together with the site, make up the "Management Area". For the purposes of this report:

> "the site" was defined as HMAS Stirling Garden Island (Figure 1, Appendix A).

> "the Management Area" was defined as comprising Garden Island and the marine nearshore environment (Figure 2, Appendix A).

The site is located on Commonwealth Land and is regulated under Commonwealth environmental legislation. The OMP outlines the rationale and scope for the monitoring of the concentrations and extent of PFAS in groundwater, surface water, porewater and sediment originating from the site. The monitoring frequency consists of quarterly sampling events in March, June, September, and December.

1.1 Background

A detailed site investigation (DSI) (RPS, 2018b) and ecological risk assessment (ERA) (RPS, 2018c) were completed in 2018 to gain an understanding of the nature and extent of PFAS contamination within the Management Area. Potential sources of PFAS were identified in ten areas on site and PFAS was detected in all matrices tested (soil, groundwater, surface water, sediment and porewater) (Defence, 2019). The risk assessment generally indicated a low risk of exposure to receptors as presented in the conceptual site model (CSM) in Section 2.4.

The outcomes of these investigations were used as the basis for the development of a PFAS Management Area Plan (PMAP) (Defence, 2019) which outlines how Defence would manage potential risks associated with PFAS.

1.2 Purpose & Objectives

The objective of the OMP SAQP is to present the specific monitoring locations, sampling methodologies and quality control / quality assurance measures for the monitoring of the concentrations and extent of PFAS in groundwater, surface water, porewater and sediment originating from the site. These findings will inform risk management decisions by Defence and the Western Australian Government to protect human health and the environment.

The specific purposes of the monitoring specified in the OMP are to:

1. Evaluate change the nature and extent (spatial and temporal) of PFAS impact in groundwater, porewater and surface water pathways associated with site sources of PFAS derived from legacy use of aqueous film-forming foam (AFFF);
2. Monitor the migration of PFAS in groundwater, porewater, sediment and surface water from the site;
3. Provide confirmation of the current understanding of risk; and
4. Provide supporting data for assessment of management actions, where relevant.

1.3 Previous Reports

The following key reports prepared in relation to the HMAS Stirling PFAS Investigation and ongoing monitoring have been used as a basis to develop this SAQP:

> Department of Defence, January 2019, *HMAS Stirling Garden Island PFAS Management Area Plan*, Final.

> RPS, October 2018, *HMAS Stirling - PFAS Ongoing Monitoring Plan*, Ref. EEC16094.005 (RPS, 2018a).

> RPS, May 2018, *Detailed Site Investigation – HMAS Stirling PFAS Investigation*, Ref. EEC16094.003 (RPS, 2018b).

- RPS, September 2018, *HMAS Stirling Garden Island PFAS Investigation Ecological Risk Assessment*. Ref. EEC16094.009 (RPS, 2018c).
- Cardno, 16 April 2020, *PFAS OMP 2019 Q4 Quarterly Monitoring Factual Report, HMAS Stirling*.
- Cardno, 14 May 2020, *PFAS OMP 2020 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 23 September 2020, *PFAS OMP 2020 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 8 January 2020, *PFAS OMP 2020 Q3 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 4 May 2021, *PFAS OMP 2020 Q4 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 15 June 2021, *PFAS OMP 2021 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 16 September 2021, *PFAS OMP 2020 Annual Interpretive Report, HMAS Stirling*.
- Cardno, 5 August 2021, *PFAS OMP 2021 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 18 November 2021, *PFAS OMP 2021 Q3 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 12 April 2022, *PFAS OMP 2021 Q4 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 3 August 2022, *PFAS OMP 2022 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 13 October 2022, *PFAS OMP 2022 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 9 December 2022, *PFAS OMP – 2021 Annual Interpretive Report, HMAS Stirling.*
- Cardno, 22 December 2022, *PFAS OMP 2022 Q3 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 24 February 2023, *PFAS OMP 2022 Q4 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 2023, draft *PFAS OMP – 2022 Annual Interpretive Report, HMAS Stirling*.
- Cardno, 9 May 2023, *PFAS OMP 2023 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 11 August 2023, *PFAS OMP 2023 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling*.
- Cardno, 24 November 2023, *PFAS OMP 2023 Q3 Quarterly Sampling Event Factual Report, HMAS Stirling*

1.4 Relevant Guidelines

This SAQP has been prepared in general accordance with the WA *Contaminated Sites Act 2003* (CS Act), applicable industry standards and guidelines relevant to an assessment of this type, and has been formulated in reference to the following:

- National Environment Protection Council (NEPC), 1999, *National Environmental Protection (Assessment of Site Contamination) Measure (as amended 2013)* (ASC NEPM).
- Heads of Environmental Protection Authority's Australia and New Zealand (HEPA), January 2020, *PFAS National Environmental Management Plan 2.0 (NEMP)*.
- Australian Standard AS 4482[1]-2005 *Guide to the investigation and sampling of sites with potentially contaminated soils, Part 1 - Non-volatile and semi-volatile compounds*.
- Australian Standard AS 4482-1999 *Guide to the investigation and sampling of sites with potentially contaminated soils, Part 2 - Volatile substances*.
- Standards Australia 1998. AS/NZ 5667:1998 *Water quality – sampling*.
- Australian and New Zealand Guidelines, 2018. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality.*

[1] AS4482 has been withdrawn and is referred here as a state of knowledge.

> Department of Defence, Department of Energy, 2018, *Quality System Manual Schedule B15*.

> U.S. Environmental Protection Agency (EPA), 2000, *Guidance for the Data Quality Objectives Process (EPA QA/G-4)*.

> USEPA, 2002, *Guidance on Environmental Data Verification and Data Validation (EPA QA/G-8).*

> Department of Water and Environmental Regulation (DWER), 2021, *Assessment and Management of Contaminated Sites*[2].

> National Health and Medical Research Council (NHMRC), August 2019, *Guidance on Per and Polyfluoroalkyl Substances (PFAS) in Recreational Water*.

[2] It is noted that Site is located on Commonwealth Land and is regulated under the Commonwealth environmental legislation, the State based DWER guidelines are relevant for the sampling of off-Site nearshore marine environment.

2 Site Setting

2.1 Site Description

HMAS Stirling is located on Garden Island within Cockburn Sound, situated approximately 4 km off the WA mainland and connected to the mainland via a bridge in the south of the Island. The Island is 12 km long and 1.5 km wide at its widest point and covers an area of 1,274 hectares (ha).

Defence facilities occupy approximately 28% of the Island, with the majority focused around Careening Bay on the southeast, with other support facilities located in other portions of the Island.

The Island is divided into eight administration areas:

> Causeway Sector
> Helicopter Support Sector
> Beagle Road Sector
> Careening Bay Sector
> Torpedo Maintenance Sector
> Fireground Sector
> RANAWED Sector
> Herring Bay Sector

The buildings and associated infrastructure and support services include:

> Accommodation blocks
> Helicopter Support Facility
> Fire Station
> Fuel Farm
> Flammable / Hazardous goods and waste Storage
> AVCAT Storage Facility
> Wastewater Treatment Plant (WWTP)
> Seepage ponds
> Shipping berths and ship sullage area
> Maintenance and workshop areas
> Demolition ground
> Fire Training area

2.2 Surrounding Land Uses

Cockburn Sound is used for a variety of activities both commercial and recreational including:

> Fishing
> Water sports
> Shipping

Kwinana Industrial Area is located immediately opposite Garden Island on the mainland side of Cockburn Sound. Activities occurring in the Kwinana Industrial Area include:

> Petroleum products
> Fertiliser production
> Chemical production
> Cement production
> Bulk material handling

> Metal refining
> Waste management
> Kwinana Power Station

2.3 Environmental Setting

Key details defining the site are summarised in Table 2-1.

Table 2-1 Key Site Details

Setting	Description
Climate	The Perth region, including Garden Island has a warm summer, cold winter Mediterranean climate. Mean maximum temperatures on the Island occur in February (28.3 ºC) while mean minimum temperatures occur in July (11.4 ºC). Rainfall is winter dominant, with the highest volume of rainfall typically occurring in July with a mean monthly rainfall amount of 125.7 mm.
Topography	Topography on Garden Island ranges from sea level, 0 meters relative to the Australian Height Datum (m AHD) along the eastern coast line to 55 mAHD within the middle of the Island. Steep dunes and limestone cliffs of up to 10 mAHD characterise the western perimeter of the Island, whilst the eastern perimeter is relatively flat.
Acid Sulfate Soil	A review of the Acid Sulfate Soils (ASS) risk mapping, available on the WA Atlas online database indicates no known risk of ASS occurrence within three meters of natural ground surface for the site.
Hydrology	There are no natural surface water bodies on the Island, with any stormwater falling outside developed areas anticipated to infiltrate directly into the sandy soils and into the underlying superficial aquifer. Garden Island is surrounded by the Indian Ocean and the Cockburn Sound. Groundwater (and potentially PFAS) leakage between the superficial and deeper aquifers is unlikely at the northern half of Garden Island due to the presence of the Kardinya Shale confining unit. However, there is potential for groundwater and PFAS leakage between the superficial aquifer and underlying Rockingham Sand at the southern half of the Island where the Kardinya Shale is not present (RPS, 2018b).
Geology	**Regional Geology** Garden Island is an offshore outcrop of Tamala Limestone and part of the Garden Island Ridge, the WA Department of Mines and Petroleum 1:50,000 geological map series indicates the surface is Calcareous Sand (S2 and S13) (i.e. Safety Bay Sand – white medium grained rounded quartz and shell debris well sorted of eolian origin). **Site Specific Geology** Logs from the drilling of groundwater wells and soil cores during previous sampling programs (ENSR 2009, RPS 2018) indicate the geology of the site varies with topography. The Demolition Ground in the north coast of the Island contains Safety Bay Sand to at least 5 meters below ground level (mbgl), and at the WWTP Safety Bay Sands were encountered down to 29 mbgl. Layers of limestone were encountered in certain areas (e.g. Fire Training Area at 1-2 mbgl and around the WWTP at 7-15 mbgl). Fill sands containing brick rubble and limestone cobbles were also encountered in the Fire Training Area to a depth of 1 mbgl.
Hydrogeology	▪ **Groundwater Occurrence** – The superficial aquifer at Garden Island, whilst geologically connected, is not hydraulically connected to the superficial aquifer of the mainland as both discharge to the near shore marine environment. The underlying confined aquifers, the Leederville and deeper Yarragadee, typically extend tens of kilometres offshore beneath the seabed and are thought to discharge terrestrial groundwater to the ocean several kilometres from the coast (Davidson, 1995). At the South of the Island the superficial aquifer extends to a depth of around 20 mbgl, with an aquitard (Kings Park Formation) at ~90 mbgl, overlying the Kardinya Shale around 140 mbgl, overlying the Leederville aquifer at ~165 mbgl. In the north of the Island, the Kardinya Shale is present at significantly shallower depth than in the south (~37 mbgl) and forms an aquitard to the deeper Leederville Formation at ~181 mbgl. ▪ **Depth to Groundwater** – The depth to groundwater is affected by the topography of the Island. Along the coast line groundwater is found at shallow depth (2-3

Setting	Description
	mbgl), whilst around the WWTP groundwater is up to 21 mbgl. The depth to groundwater, especially along the coastal fringes, will be influenced by tides within the surrounding marine environment. ▪ **Groundwater Flow Direction** – Regional groundwater flow direction are anticipated to be towards the marine environment, with flow on the east of the dunal system towards Cockburn Sound and flow towards the Indian Ocean on the west of the dunal system. Tidal pressure can influence localised flow direction in the vicinity of the coastline. **Salinity** – The superficial groundwater is classified as brackish by the DWER Perth Groundwater Atlas, with a total dissolved solids (TDS) in the range of 500 – 1,000 mg/L. ▪ **Groundwater Use** – Groundwater is not abstracted on the Island for potable or non-potable use. Potable water for Garden Island is supplied from the Rockingham town water supply. The DWER groundwater database found two registered abstraction bores (Leederville Aquifer) on the mainland within 20 km of Garden Island. These bores are used for irrigation and industry. RPS ruled out any risk of PFAS impact to these bores according to the calculated groundwater travel time (RPS, 2018b).
Environmental Sensitive Areas	Due to its significant natural and cultural heritage values, the Island is protected by the *Environment Protection and Biodiversity Act 1999* (EPBC Act). Several vulnerable species of flora have also been listed as endangered ecological communities. The vegetation on the Island is also included in Bush Forever Site 63, with the Bush Forever policy providing a framework for bushland protection and management issues in WA. Additionally, the seagrass meadows along the eastern margin of Garden Island are a significant remnant population of seagrass in Cockburn Sound and are protected under the *State Environmental (Cockburn Sound) Policy 2015*.
Further information can be found in the Consolidated Detailed Site Investigation (DSI) report (RPS, 2018b).	

2.4 Conceptual Site Model (CSM)

The CSM as presented in the PMAP (Defence, 2019) is summarised in the following sections.

The site has been subject of previous PFAS investigations, including:

> *Environmental Review of Fire Fighting Training and Facilities* (AURECON, 2010)

> *Environmental Investigation of AFFF Spill at Fleet Base West, Preliminary Site Investigation* (AECOM, 2012)

> *Defence Per- and Poly-fluoroalkyl Substances (PFAS) Environmental Management Preliminary Sampling Program* (GHD, 2016)

> *Stage 2 Detailed Site Investigation* (Greencap, 2017)

> *Sampling and Analysis Quality Plan HMAS Stirling – PFAS Investigation* (RPS, 2017)

> *Detailed Site Investigation – HMAS Stirling PFAS Investigation* (RPS, 2018b)

> *Ecological Risk assessment, HMAS Stirling – PFAS Investigation* (RPS, 2018c).

> PFAS OMP implementation, Factual reports, and Annual Interpretive Reports (Cardno, 2019 onwards).

Source Areas

Various PFAS source areas across the Island were identified resulting from historical AFFF use/storage. These locations are shown on Figure 2, Appendix A and include:

> Fire training area (FTA)

> Helicopter support facility (HSF)

> Demolition ground

> Wastewater treatment plant (WWTP)

> AVCAT storage, fuel farm and infiltration swale

> Fire station

> Dredged sediments

> Ship sullage area

> Flammable/hazardous goods and waste storage

> Accommodation area.

The results of the DSI (RPS, 2018b) indicate that PFAS was identified in all assessed matrices (soil, groundwater, surface water, sediment and porewater) in at least one location on the Island.

The potentially complete Source-Pathway-Receptor (S-P-R) linkages and associated risks for human health and ecological receptors are summarised in Table 2-2.

Table 2-2 Conceptual Site Model S-P-R Linkages

Source	Pathway	Receptor	DSI/ERA (RPS, 2018) Commentary / Risk Assessment
Human Health			
Soil contamination (PFAS) ▪ FTA	▪ Ingestion / dermal contact	▪ Site users and site workers	One soil exceedance was recorded at the base of the enclosed steel fire pit. The risk to site workers and users is considered low as the opportunity for ingestion or dermal contact is restricted. **Low Risk**
	▪ Dust inhalation		As above.
Groundwater contamination (PFAS) ▪ FTA ▪ Demolition Ground ▪ WWTP ▪ HSF ▪ AVCAT Storage ▪ Fuel Farm and infiltration basin ▪ Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage ▪ Dredged Sediments ▪ Accommodation Area	▪ Dermal contact with groundwater	▪ Site workers during excavation works	The risk presented through occupational exposure via dermal contact during upgrade or development works on the Island is considered low and is readily addressed by use of appropriate PPE typically used by construction workers. **Low Risk**
	▪ Bioconcentration and biomagnification in the food chain	▪ Consumers of impacted aquatic organisms from Cockburn Sound and the Indian Ocean	The dietary exposure pollutant linkage was evaluated and compared against relevant international guidance. No exceedance was identified. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of Bioconcentration factors (BCF) and biomagnification factors (BMF) was undertaken as part of the ERA (RPS, 2018c). The worst case of three calculated BCFs was used and predicted that potential adverse effects to fish and piscivorous fauna were unlikely. The human dietary exposure pollutant linkage was therefore also considered **negligible**.
Ecological			
Soil contamination (PFAS) ▪ FTA ▪ Demolition Ground ▪ HSF ▪ Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage	▪ Leaching (from soil to groundwater	▪ Underlying aquifer ▪ Cockburn Sound ▪ Indian Ocean	Direct measurement of PFAS in groundwater, surface water, sediments, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. The worst case of three calculated BCFs was used and predicted that potential adverse effects to fish and piscivorous fauna were **unlikely**. The direct measurements, calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are **unlikely**.

Source	Pathway	Receptor	DSI/ERA (RPS, 2018) Commentary / Risk Assessment
			Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.
	▪ Direct Contact	▪ Terrestrial ecosystem	Soils exceeded the adopted guidelines however the risk presented via direct contact/ to soil organisms and plant uptake within these source areas is considered low. This is a result of the areas being highly modified with no ecological habitat value and thus there is an absence of significant ecological receptors. **Low Risk**
	▪ Plant uptake (root uptake)	▪ Flora	
	▪ Soil ingestion/Dermal contact	▪ Fauna	Soils exceeded the adopted guidelines however the risk presented via soil ingestion, dermal contact and subsequent bioaccumulation and magnification within these source areas is considered low. This is a result of the areas being highly modified with no ecological habitat value and thus there is an absence of significant ecological receptors. **Low Risk**
	▪ Bioconcentration and biomagnification in the food chain		
Groundwater contamination (PFAS) ▪ FTA ▪ Demolition Ground ▪ WWTP ▪ HSF ▪ AVCAT Storage ▪ Fuel Farm and infiltration basin ▪ Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage ▪ Dredged Sediments ▪ Accommodation Area	▪ Lateral migration with groundwater flow	▪ Cockburn Sound and the Indian Ocean	Groundwater within all identified source areas exceeded adopted ecological guidelines. Direct measurement of PFAS in sediment, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. The direct measurements and calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are **unlikely**. Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.
	▪ Lateral migration followed by bioconcentration and biomagnification in the food chain	▪ Marine ecosystem	
Surface water ▪ WWTP ▪ Demolition Ground ▪ HSF	▪ Dermal contact or ingestion of surface water	▪ Flora at the WWTP	Surface water within the WWTP salt water, freshwater, and seepage ponds exceeded adopted ecological guidelines. The ponds are however man-made infrastructure with no ecological habitat value. **Low Risk**
	▪ Dermal contact or ingestion of surface water	▪ Marine Fauna	Direct measurement of PFAS in sediment, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain.

Source	Pathway	Receptor	DSI/ERA (RPS, 2018) Commentary / Risk Assessment
	▪ bioconcentration and biomagnification in the food chain	▪ Marine Flora and Fauna	Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. The direct measurements and calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are **unlikely**. Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.
Sediment ▪ WWTP ▪ Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage	▪ Dermal contact or ingestion	▪ Flora at the WWTP	Sediments within the WWTP salt water, freshwater, and seepage ponds did not exceed adopted ecological guidelines. The ponds are man-made infrastructure with no ecological habitat value. No risk to ecological receptors has therefore been identified. **Low risk**
	▪ Leaching from sediment to surface water	▪ Cockburn Sound and the Indian Ocean	Direct measurement of PFAS in sediment, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. The direct measurements and calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are **unlikely**. Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.

3 Data Quality Objectives

Development of data quality objectives (DQOs) for the OMP SAQP is based on guidance presented in The ASC NEPM (NEPC 2013) and are consistent with the HMAS Stirling PFAS OMP presented in the PMAP (Defence 2019). The DQO process comprises the following seven steps:

> Step 1: State the problem

> Step 2: Identify the decision/principal study question(s)

> Step 3: Identify the Inputs into the Decision

> Step 4: Study Boundaries

> Step 5: Decision rules

> Step 6: Tolerable limits on decision errors

> Step 7: Optimisation of the data collection process

The DQOs are detailed in Table 3-1.

Table 3-1 Data Quality Objectives

Data Quality Step	Description
State the Problem	Sampling and analysis completed as part of the DSI (RPS, 2018b) and ERA (RPS, 2018c) conducted at the site have identified concentrations of PFAS in soils, sediments, groundwater, surface water and porewater resulting from historical use of AFFF on Garden Island. The DSI and ERA confirmed that there is no significant risk from the identified PFAS concentrations to human health or ecological receptors. To confirm the current understanding of risk identified in DSI/ERA investigations, quarterly monitoring is required which will provide confirmation of PFAS concentrations allowing for seasonal variability. **Groundwater** ▪ PFAS were detected above the limit of reporting (LOR) within all wells at the fire training area, the WWTP and the demolition ground (RPS, 2018b) with exceedances of adopted guidelines observed. ▪ Exceedances of the guidelines adopted to be protective of human health were observed in groundwater. The human health risk is generally considered to be low in regards to the groundwater uses however, there remains a potential risk to maintenance/construction workers. **Surface Water** ▪ Surface water concentrations are above adopted guidelines along the coastline, at the Demolition Ground, WWTP, and Helicopter Support Facility and as such may pose a risk to marine ecological receptors. ▪ Although recreational fishing and shell fishing may be undertaken on a limited basis around the Island, there is limited potential for dietary ingestion of PFAS to be a significant pathway due to the low levels of PFAS detected in marine sediment and surface water. **Sediment and Porewater** ▪ Soils at the Fire Training Area, Helicopter Support Facility and Fire Station pose a risk to the local ecology via direct contact to organisms, plant and fauna. The risk posed by soils to the local marine ecology was considered to be low. ▪ Sediments at the Fire Station were found to contain PFOS above the adopted assessment levels which may act as a source for the migration of PFAS to groundwater and the subsequent lateral migration to marine sediments, porewater and surface waters. ▪ Whilst there are no current pore water guidelines, concentrations within pore water were above adopted groundwater and surface water guidelines at the demolition ground, WWTP and dredged sediment areas. Groundwater may transport PFAS into coastal marine environments where it mixes with the sediments pore water. PFAS concentrations in pore water above adopted ecological guidelines pose a risk from bioaccumulation and biomagnification.

Data Quality Step	Description
	Most of the sampling locations (groundwater, surface water, and sediment sampled as part of the DSI) have only been tested once or twice (i.e. limited time series/seasonal data). A robust dataset is required to assess trends in the nature, extent and magnitude of PFAS concentrations within sediment, surface water and groundwater to validate/improve the understanding of the CSM in relation to spatial and temporal variability of PFAS concentrations within the Management Area and associated receptors.
Identify the decision/principal study question(s)	This OMP is to provide further data to assess the following principal study questions: ▪ What are the changes and trends in the nature, extent and magnitude of PFAS concentrations in the groundwater, surface water and sediment within the Management Area? ▪ Has the nature, extent and magnitude of PFAS concentrations changed significantly to warrant a revision of the ERA? ▪ Has the nature, extent and magnitude of PFAS concentrations changed significantly to warrant refinement of any existing management measures? ▪ Has the nature, extent and magnitude of PFAS concentrations changed significantly or are they likely to change?
Identify the Inputs into the Decision	The following inputs are required to resolve the principal study questions outlined in Step 2: ▪ PFAS concentrations in groundwater, surface water, porewater and sediment from previous and future monitoring events. ▪ Field data (i.e. groundwater levels, physicochemical parameters) on groundwater, porewater and surface water from previous and future monitoring events. ▪ An appropriate statistical evaluation of the data (e.g. using Mann-Kendall or similar analysis) including short- and long-term trends, in particular for groundwater concentrations. ▪ Comparison of data sets to relevant endorsed assessment levels (refer to Section 5).
Study Boundaries	Ongoing monitoring will be undertaken within the boundaries of the Management Area (Figure 2, Appendix A) at the groundwater, surface water, porewater and sediment monitoring locations outlined in Section 4. Monitoring will be undertaken quarterly, with one monitoring event in March, June, September and December.
Develop a Decision Rule	▪ The analytical and field data will be used to assess changes to the nature, extent and magnitude of PFAS in surface water, sediment and groundwater and to provide supporting data for assessment of management actions, where relevant. ▪ Trends in PFAS concentrations, including an assessment of temporal and spatial changes, will be assessed using an appropriate statistical analysis approach (e.g. using Mann- Kendall, GWSdat or similar analysis), with a specified level of confidence based upon the number of monitoring rounds completed. ▪ The analytical data will be compared to the relevant assessment levels (presented in Section 5) and/or historic concentrations (i.e. maximum concentration) recorded during prior monitoring rounds [i.e. during the DSI (RPS, 2018b)] to evaluate changes in the risk profile and whether revision of the OMP, ERA or implemented management measures is warranted. Where exceedances of adopted assessment criteria levels (presented in Section 5) or new detections are reported, further interrogation of data will be undertaken to the extent relevant to assess the risk profile and location. A summary of the key decision rules as detailed below: 1. Have the analytical data collected as part of the monitoring program met the DQI (refer Table 3-2.below)? If yes, then the data can be used to answer the decision rule below and the decision statements developed in Step 2. If no, then an assessment of the need to collect additional data will be required. 2. Do PFAS concentrations exceed the investigation criteria? If no, then the contamination would be considered not to pose an unacceptable risk. Where results exceed the adopted investigation criteria, this may not necessarily indicate an unacceptable level of risk. Further risk assessment, and potentially additional investigations, will be required to determine the potential for unacceptable impacts.

Data Quality Step	Description
	3. Has PFAS been detected in any monitoring wells previously not detected? If yes, do PFAS concentrations reported indicate an increasing trend and/or exceed historic maximum concentrations? Do results indicate a potential risk to associated receptors including associated risks that PFAS may present towards receptors (i.e. human and ecological). Further risk assessment, and potentially additional investigations, will be required to determine the potential for unacceptable impacts. 4. Has PFAS been detected in offsite surface water bodies within the management areas? If yes, do PFAS concentrations reported indicate an increasing trend or exceed historic maximum concentrations? Do results indicate a potential risk to receptors and changes to the risk profile? Further risk assessment, and potentially additional investigations, will be required to determine the potential for unacceptable impacts. Ongoing Monitoring Reports will review the results obtained against these triggers/decisions.
Specify Limits on Decision Error	The potential for significant decision errors will be minimised by completing a robust QA/QC program in accordance with DWER and NEPM guidelines' requirements. Standard operating procedures will be closely followed in the field to ensure accurate and representative data acquisition. DQIs will be applied to assess usability of data prior to making decisions, based on precision, accuracy, representativeness, comparability and completeness. The acceptable limit on decision error is 95% compliance with the applied DQIs (see Table 3-2). If any of the DQIs are not met, further assessment will be necessary to evaluate the significance of the non- conformance and any corrective actions.
Optimise the Design for Obtaining the Data	The design of the OMP has been made in consideration of historical activities at the site, historical investigations (and findings i.e. DSI and ERA), in the context of developing responses to the principal study questions outlined in Step 2 and to meet the DQOs ensuring that a representation of the current site condition can be achieved. The OMP scope is outlined in Section 4. The available data will be reviewed and evaluated through regular OMP reviews, to determine if the frequency of monitoring should increase or decrease to provide better understanding of PFAS concentration fluctuations and potential risks to receptors. As additional information is gathered during the course of this ongoing monitoring, it may be beneficial for the proposed scope of works to be altered from the initial design. Changes to the proposed monitoring, if considered necessary, will be made based on risk profile reviews and updated CSM (see Section 2.4) and in consultation with Defence. Other factors that will optimise the design for obtaining data will include the use of laboratories that are NATA accredited for PFAS analysis, and ensure laboratory LORs are suitable to meet the relevant adopted assessment levels (where possible), experienced field scientist(s), robust field and laboratory quality assurance/quality control protocols are adopted and Field and analytical data are collected in accordance with the PFAS NEMP (HEPA 2020), ASC NEPM (NEPC 2013) and the assessment of contaminated sites (DWER 2021).

An assessment of the Data Quality Indicators (DQIs) relating to both field and laboratory procedures will be undertaken with appropriate documentation provided for each environmental element or media assessed. The DQIs adopted for the DSI are summarised in Table 3-2.

Table 3-2 Data Quality Indicators

Data Quality Indicator	Detail
QA Documentation	Provision of appropriate work plans, DQI and DQO defined for the site and all QA/QC aspects documented.
Bias	A measure of the potential distortion in an analysis which can result in errors in one direction (e.g. one laboratory consistently higher results or consistent poor spiked matrix recovery). Bias will be assessed with reference to the analysis of spiked matrix samples (NEPC 2013).
Representativeness	A qualitative measure of the confidence that data is representative of each medium present on the site. Use of appropriate and documented sampling methods, sampling handling, preservation and transport and holding times.
Precision:	A quantitative measure of data variability or reproducibility, measured by the calculation of %RPD values for duplicate samples (i.e. measure of agreement). Precision in DQI is considered an important assessment in an environmental study (USEPA, 2002, Guidance on Environmental Data Verification and Data Validation). It can be measured as follows: ▪ Percentage of the mean of the measurement such as Relative Percent Difference (i.e. %RPD). The %RPD will be calculated for the field and secondary duplicate (i.e. inter and intra-laboratory analysis); and ▪ Use of similar analytical method and instrument (e.g. for inter-laboratory assessment). The %RPD will be considered as acceptable if the values are: **Magnitude of result** / **Acceptable RPD range** <10 x limited of reporting (LOR) / No limits 10 – 20 x LOR / 0% - 50% >20 x LOR / 0% - 20% ▪ Should there be a result that is greater than acceptable RPD range, then a “review should be conducted of the cause (e.g. instrument calibration, appropriateness of method used)” (NEPC, 2013). For the purpose of this OMP, field and secondary duplicates should be collected at a rate of 1 in 10 samples (HEPA 2020 and RPS, 2018c).
Accuracy	A quantitative measure of the closeness of data to a ‘true value’, measured by the analysis of spike, blank and laboratory control samples (LCS). The LCS consists of a standard reference material or a matrix of known concentration. For the purpose of assessing accuracy it is required that at least one LCS for each process batch be analysed (NEPC, 2013).
Comparability	A qualitative measure of the confidence that data may be considered to be equivalent for each sampling and analytical event. By use of standard procedures, comparable methods, qualified personnel, and review of sample integrity.
Completeness	A measure of the amount of usable data (expressed as a percentage - %) from a data collection activity, based on completeness of test program, overall QA/QC completeness and validity of data set.

4 Sampling Locations, Rationale and Methodology

4.1 Monitoring Locations and Sampling Schedule

4.1.1 Monitoring Frequency

All monitoring locations will be sampled quarterly. The sampling events will be undertaken in March, June, September and December to record the concentration and extent of PFAS and determine the existence of any seasonal fluctuations or trends.

4.1.2 Groundwater Monitoring Locations

The groundwater locations monitored as part of the OMP monitoring are presented in Table 4-1, along with the rationale for the selection, and are shown on Figures 3A-E, Appendix A.

Table 4-1 OMP Groundwater Monitoring Locations

Area	Monitoring Well / Bore ID	Rationale
Fire Training Area (Figure 3C)	MW109, MW112, MW500, MW120, MW121, MW123, MW124, MW125, MW126, MW127, MW128	Confirmation of overall PFAS impact identified in the DSI (GHD, 2018). Assessment of overall changes in PFAS concentration in the source areas to provide temporal data on depletion of the source zone. Confirm the level of risk identified in the ERA.
Demolition Ground (Figure 3B)	MW139, MW141, MW142, MW147, MW149	
WWTP (Figure 3D)	MW158, MW161, MW166, MW171, MW173, MW193, MW196, MW199, MW200, MW202, MW203, MW195D, MW195S, MW468	
Accommodation Area (Figure 3D)	MW288, MW289	
Helicopter Support Facility (Figure 3F)	MW214, MW215, MW216, MW217, MW220, MW224, MW225, MW226, MW227, MW228, MW282	
Dredged Sediments (Figure 3E)	MW268, MW269	
AVCAT Storage and Fuel Farm (Figure 3E)	MW233, MW236, MW238, MW239, MW240, MW242, MW243, MW245, MW249, MW496, MW516	
Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage (Figure 3E)	MW010, MW255, MW256, MW257, MW258, MW259, MW553	

Construction details for the groundwater wells monitored as part of the OMP are provided in Table 4-2.

Table 4-2 OMP Groundwater Monitoring Wells Construction Details

Well ID	Date drilled	Easting[1]	Northing[1]	RL TOC (mAHD)	Depth (mbTOC)	Screen interval (mbTOC)
MW010*		376706.3	6433707.09	4.167	6.0	
MW109	2017	375573.399	6436243.395	4.446	5.5	2.5 - 5.5
MW112	2008	375513.7	6436208.38	3.973	6.0	3.0 - 6.0
MW120	2017	375449.982	6436134.215	4.409	5.5	2.5 - 5.5
MW121	2008	375552.25	6436122.78	3.7	5.7	2.7 – 5.7
MW123	2017	375585.05	6436093.989	6.62	8.0	4.5 - 8.0
MW124	2017	375835.849	6436297.305	1.899	4.0	0.750 - 4.0

Well ID	Date drilled	Easting[1]	Northing[1]	RL TOC (mAHD)	Depth (mbTOC)	Screen interval (mbTOC)
MW125	2017	375846.238	6436213.778	1.882	3.9	0.9 - 3.9
MW126	2017	375873.534	6436085.061	1.948	3.9	0.9 - 3.9
MW127	2017	375925.611	6435948.027	1.771	3.9	0.9 - 3.9
MW128	2017	375670.344	6436212.685	4.537	5.5	2.5 - 5.5
MW139	2009	374964.76	6440104.47	2.273	5.0	2.0 - 5.0
MW141	2009	375021.66	6440143.5	3.025	5.0	2.0 - 5.0
MW142	2017	375033.148	6440146.157	2.573	4.0	0.25 - 4.0
MW147	2009	375032.34	6440124.29	3.423	5.0	2.0 - 5.0
MW149	2017	375064.008	6440095.63	2.303	4.0	1.0 - 4.0
MW158*		375550.33	6435719.4	14.541	15.8	
MW161*		375133.59	6435570.74	17.225	18.13	
MW166*		375049.03	6435410.26	11.89	13.0	10.0 - 13.0
MW171	2008	375226.79	6435237.5	29.238	31.5	28.5 - 31.5
MW172*		375283.14	6435355.8	16.772	26	
MW173*		375430.81	6435284.52	10.08	11.11	
MW193	2009	375508.55	6435098.21	11.86	13.5	10.5 - 13.5
MW195S	2008	375735.25	6435293.18	4.571	6.5	3.5 - 6.5
MW195D	2008	375737.03	6435293.35	4.363	13.0	10.0 - 13.0
MW196*		375995.91	6435294.6	12.75	13.8	
MW199*		376029.54	6435161.036	11.8		
MW200*		376257.05	6435163.648	2.07		
MW202*		376468.79	6434833.07	2.121		
MW203*		376155.58	6434834.12	10.855		
MW214	2017	375891.231	6432273.413	8.075	9.0	5.5 - 9.0
MW215	2017	375849.425	6431907.202	3.794	4.5	1.5 - 4.5
MW216	2017	376015.304	6432232.151	8.329	9.0	6.0 - 9.0
MW217	2017	376182.988	6432372.132	8.847	9.5	6.5 - 9.5
MW220*		376260.7742	6432333.207			
MW224	2017	376270.928	6432090.977	13.372	14.25	11.25 - 14.52
MW225	2017	376605.45	6431932.234	4.066	5.0	2.0 - 5.0
MW226	2017	376798.645	6432087.539	1.749	3.8	0.75 - 3.8
MW227	2017	376522.067	6432424.034	2.961	4.2	1.25 - 4.2
MW228	2017	376443.972	6432563.872	2.23	3.75	0.75 - 3.75
MW233*		376680.16	6434320.8	3.705	4.968	
MW236*		376256.45	6434168.67	4.6442	5.66	
MW238*		376846.72	6434047.83	4.827		
MW239*		376897.75	6434047.61	4.03		
MW240*		376825.33	6433978.29	4.483	6.8	
MW242*		376976.09	6434000.26	3.539	4.76	
MW243*		376825.22	6433936.86	4.892	7.0	

Well ID	Date drilled	Easting[1]	Northing[1]	RL TOC (mAHD)	Depth (mbTOC)	Screen interval (mbTOC)
MW245*		376918.69	6433941.94	4.551	5.65	
MW249	2017	377131.46	6433911.436	5.227	6.5	3.5 - 6.5
MW255	2017	376282.378	6433831.895	4.609	6.0	3.0 - 6.0
MW256	2017	376342.186	6433831.509	3.835	6.0	3.0 - 6.0
MW257		376331	6433783	3.806	5.7	2.7 - 5.7
MW258		376320	6433758	4.043	6.0	3.0 - 6.0
MW259		376344	6433757	3.8	5.5	2.5 - 5.5
MW261*		376708.09	6433728.72	3.858	6.0	3.0 - 6.0
MW264	2017	376489.703	6433743.883	4.806	6.0	3.0 - 6.0
MW268	2017	376478.133	6433571.27	4.056	5.5	2.5 - 5.5
MW269	2017	376550.817	6433619.688	4.153	5.5	2.5 - 5.5
MW282	2017	376070.828	6432003.232	5.78	7.5	4.5 - 7.5
MW288	2017	376735.953	6434566.951	4.003	5.25	2.25 - 5.25
MW289	2017	376599.58	6434490.565	4.495	6.25	3.25 - 6.25
MW468*	2019	376155	6435407		1.2	00 – 1.2
MW496	2019	376915.81	6433795.17	5.092	8.0	3.5 – 8.0
MW500	2019	375548.49	6436184.17	3.692	6.5	2.0 – 6.5
MW516	2020	376896.36	6433825.69	6.37	7.5	4.5 - 7.5
MW553	2023	376709.89	6433730.45	3.801	6.0	3.0 – 6.0

Notes:
1. MGA94 zone 50
RL – Relative Level
TOC – Top of Casing
* No bore log available

4.1.3 Porewater, Surface Water and Sediment Monitoring Locations

The porewater and sediment co-located monitoring locations and surface water monitoring locations are presented in Table 4-3 along with the rationale for the selection, and are highlighted on Figures 3A-F, Appendix A.

Table 4-3 OMP Surface Water, Porewater and Sediment Monitoring Locations

Area	Surface water Sampling Location ID	Sediment Sampling Location ID	Porewater Sampling Location ID	Rationale
Fire Training Area (Figure 3C)	SW130, SW132, SW134	SD335, SD340, SD341, SD362, SD363, SD364	PW335, PW340, PW341, PW362, PW363, PW364	Monitoring of these locations will provide an indication of any change in the nature or magnitude of PFAS in surface water, porewater and sediments, and will help in determining changes attributable to seasonal fluctuations. Confirm the level of risk identified in the ERA.
Demolition Ground (Figure 3B)	SW150, SW152, SW154, SW156	SD329, SD330, SD331, SD356, SD357, SD358	PW329, PW330, PW331, PW356, PW357, PW358	
WWTP (Figure 3D)	SW305, SW370, SW371, SW372, SW373, SW353, SW382, SW383, SW384	SD304, SD345, SD367, SD368, SD369, SD350, SD351, SD352, SD380, SD381, SD401	PW304, PW345, PW367, PW368, PW369, PW350, PW351, PW352, PW380, PW381, PW401	
Accommodation Area (Figure 3D)		SD346	PW346	
Helicopter Support Facility (Figure 3F)	SW309, SW310, SW311, SW406, SW408, SW410, SW412, SW414, SW416	SD306, SD307, SD308, SD314, SD315, SD316, SD405, SD407, SD409, SD411, SD413, SD415	PW306, PW307, PW308, PW314, PW315, PW316, PW405, PW407, PW409, PW411, PW413, PW415	
Dredged Sediments (Figure 3E)	SW317, SW318, SW319	SD374, SD375, SD378	PW374, PW375, PW378	

4.2 Sampling Methodology

4.2.1 Groundwater Sampling Methodology

Groundwater sampling methodology is detailed in Table 4-4.

Table 4-4 Groundwater Sampling Methodology

Activity	Details
Well Gauging	Standing Water Level (SWL) will be gauged in each well prior to sampling using an interface probe. All wells will be measured against a specified mark at the top of the well casing. Gauging time will be recorded on field records. Snap gauging will be undertaken in each areas presented on Figure 3A to take in consideration the tide influence when inferring the groundwater contours.
Groundwater Physicochemical Parameters	The physicochemical parameters will be recorded via a pre-calibrated water quality meter from HydraSleeves® or hand bailed water. The following parameters will be recorded: ▪ pH. ▪ electrical conductivity (EC). ▪ oxidation reduction potential (ORP). ▪ Dissolved oxygen (DO). ▪ Temperature. Once physicochemical parameters have stabilised (as indicated by at least three consecutive measurements falling within +/- 10% of each other) measurement will be recorded on field data records. All field instruments (e.g. water quality meter) will be calibrated by the equipment supplier and daily readings of reference solutions (bump tests) completed to optimise the accuracy of the measurements taken.
Deployment and Retrieval of HydraSleeves®	HydraSleeves® will be deployed with top weight sample collection to begin at the lowest point (where practicable). HydraSleeves® should not sit at the base of a monitoring well where sediment may be present. HydraSleeves® sampling devices deployed with bottom weights will be left in wells for a minimum of 4 hours to allow restabilisation of the well following the slight disturbance caused by sampler deployment. HydraSleeves® sampling devices with top and bottom weights will be left in wells for a minimum of 24 hours to allow restabilisation of the well and for the top weight to compress. Samples will be collected via continuous pull method at a rate allowing the water to pass through the check value into the sample sleeve. Samples will be discharged immediately (minimise changes in chemistry) via discharge tube. Following sampling, new HydraSleeves® will be deployed in preparation for the next OMP monitoring event using the same string for consistency (same depth of sampling i.e. within screen depth).
Alternative sampling methodology (hand bailing)	Disposable HDPE hand bailers, attached to a polypropylene string, will be used in the event that the water column isn't sufficient to fill the hydrasleeve. Purging of the well (i.e. removal of 3x well volumes) will be undertaken prior to sampling to ensure that a sample representative of the aquifer is taken. Field parameters will be regularly recorded during the bailer purge to confirm field parameter stability is achieved.
Field Records	Field records will include the following information: ▪ Sampling time and date. ▪ Weather conditions. ▪ Sample Collection method. Where a HydraSleeve® is used for sample collection, the target interval depth will be recorded. ▪ Stabilised field parameters (three readings required when a bailer is used). ▪ Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised.

Activity	Details
	▪ Calibration and daily bump test records. All sample documentation including field notebooks, reporting records, COC and equipment calibration certificates and procedures will be retained within project files.
Decontamination procedure	Dedicated HydraSleeves® and single use nitrile gloves will be used at each groundwater bore thus removing the need for decontamination. All re-usable sampling equipment will be thoroughly washed using PFAS-free detergent then double rinsed with clean water before the sample collection.
Sample identification, preservation transport and holding times	Each sample bottle will be pre-labelled by the laboratory with a unique barcode which will be scanned into a mobile application to generate the Chain of Custody (CoC). Samples will be collected directly in appropriately preserved laboratory supplied bottles (Teflon-free) and packed in chilled containers for delivery to the laboratory under CoC documentation. Sample containers, preservation procedures, sample storage requirements and holding times will be undertaken in accordance with those recommended by Standards Australia (AS/NZS 5667.1:1998).
Laboratory Testing	▪ Full PFAS analytical suite (see Appendix B). ▪ Major anions and cations (include calcium, magnesium, sodium, potassium, chloride, sulfate, alkalinity, and ionic balance)
Laboratory Testing – Quality Control	Groundwater QC samples will be collected at the following frequencies as detailed in the OMP (Defence, 2019): ▪ Field duplicate (intra-laboratory) samples at 1 per 10 water samples or 1 per batch if the batch is less than 10 samples. ▪ Field triplicate (inter-laboratory) samples at 1 per 10 water samples should be sent to a secondary laboratory. ▪ Rinsate blank sample at 1 per day per field personnel [collected off re-used sampling equipment (e.g. interface probe)]. ▪ Field blank samples at 1 per day per eskie.
Laboratory Accreditation and Limits of Reporting	All groundwater analysis will be undertaken by laboratories accredited by the NATA. ▪ Primary analysis will be undertaken by ALS Global Laboratories (Perth) ▪ Secondary analysis will be undertaken by Eurofins ARL (Perth). Laboratory LORs will be suitable to meet the relevant adopted assessment levels (0.01 µg/L).

4.2.2 Surface Water Sampling Methodology

The methodology for the surface water monitoring is detailed in Table 4-5.

Table 4-5 Surface Water Sampling Methodology

Item	Details
Physicochemical parameters	Surface water physiochemical parameters (i.e. pH, electrical conductivity (EC), oxidation reduction potential (ORP), dissolved oxygen (DO), and temperature) will be recorded at the time of sampling using a pre-calibrated water quality meter. Field observations such as odours or sheen presence must also be recorded on field sampling sheets.

Item	Details
Sampling Method	Surface water samples will be collected directly into sample containers using a 'Grab' (manual) sample method via a long-handled sampling device. The sample container will be positioned 10 cm below the surface water level and above the sediment bed and oriented with the capped opening facing downwards to avoid the collection of surface films. Samples will be decanted into the laboratory supplied sample containers. Samples will be collected in accordance with Australian/New Zealand Standards (AS/NZS 5667.1:1998) '*Water quality – Sampling – Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples'*.
Sample Collection	Water samples will be placed directly into appropriately labelled, laboratory supplied sample bottles and packed in chilled containers for delivery to the laboratory under Chain of Custody documentation.
Decontamination	All re-usable sampling equipment will be thoroughly washed using PFAS-free detergent, then double rinsed with clean water before the sample collection.
Sample identification, preservation, transport and holding times.	Each sample bottle will be pre-labelled by the laboratory with a unique barcode which will be scanned into a mobile application to generate the Chain of Custody (CoC). Samples will be contained in appropriately preserved laboratory supplied bottles (Teflon-free) and packed in chilled containers for delivery to the laboratory under CoC documentation. Sample containers, preservation procedures, sample storage requirements and holding times will be undertaken in accordance with those recommended by Standards Australia (AS/NZS 5667.1:1998 and AS 4482.1 as appropriate).
Field Records	Field records will include the following information: ▪ Sampling time and date. ▪ Weather conditions. ▪ Sample Collection method. ▪ Depth of water body and sample. ▪ Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised. ▪ Calibration records. All sample documentation including field notebooks, reporting records, COC and equipment calibration certificates and procedures will be retained within project files.
Laboratory Testing	Surface water samples will be analysed for the following: ▪ Full PFAS analytical suite (see Appendix B). ▪ Major anions and cations (include calcium, magnesium, sodium, potassium, chloride sulfate, alkalinity and ionic balance)
Laboratory Testing – Quality Control	Surface water QC samples will be collected at the following frequencies as detailed in the OMP: ▪ Field duplicate (intra-laboratory) samples at 1 per 10 water samples or 1 per batch if the batch is less than 10 samples. ▪ Field triplicate (inter-laboratory) samples at 1 per 10 water samples should be sent to a secondary laboratory. ▪ Rinsate blank sample at 1 per day [collected off re-used sampling equipment (e.g. interface probe)].
Laboratory Accreditation and Limits of Reporting	All surface water analysis will be undertaken by laboratories accredited by the NATA. ▪ Primary analysis will be undertaken by ALS Global Laboratories (Perth) ▪ Secondary analysis will be undertaken by Eurofins ARL (Perth). Laboratory LORs will be suitable to meet the relevant adopted assessment levels (0.01 µg/L).

4.2.3 Sediment Sampling Methodology

The methodology for sediment sampling is detailed in Table 4-6.

Table 4-6 Sediment Sampling Methodology

Item	Details
Sediment Sample Collection	Sediment samples will be collected at the sediment/water interface using hand tools (e.g. trowel, hand auger, PVC pipe etc.) with samples placed directly into appropriately labelled, laboratory supplied sample containers and packed in chilled containers for delivery to the laboratory under Chain of Custody documentation. At each sampling location, the sediment sample will be visually assessed and observations (including physical description) recorded on field data sheets.
Field Records	Field records will include the following information: ▪ Sampling time and date. ▪ Sample description and location characteristics. ▪ Weather conditions. ▪ Sample Collection method. ▪ Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised. All sample documentation including field notebooks, reporting records, COC and equipment calibration certificates and procedures will be retained within project files.
Decontamination	All re-usable sampling equipment will be thoroughly washed using PFAS-free detergent, then double rinsed with clean water before the sample collection.
Laboratory Testing	Sediment samples will be analysed for the following: ▪ Full PFAS analytical suite (see Appendix B).
Laboratory Testing – Quality Control	Sediment QC samples will be collected at the following frequencies as detailed in the OMP: ▪ Field duplicate (intra-laboratory) samples greater than 1 per 20 sediment samples or 1 per batch if the batch is less than 10 samples. ▪ Field triplicate (inter-laboratory) samples greater than 1 per 20 sediment samples should be sent to a secondary laboratory.
Laboratory Accreditation	All sediment analysis will be undertaken by laboratories accredited by the NATA. ▪ Primary analysis will be undertaken by ALS Global Laboratories (Perth) ▪ Secondary analysis will be undertaken by Eurofins ARL (Perth).

4.2.4 Porewater Sampling Methodology

The methodology for porewater sampling is Table 4-7.

Table 4-7 Porewater Sampling Methodology

Item	Details
Physicochemical parameters	The following physicochemical parameters will be recorded: ▪ pH. ▪ EC. ▪ ORP. ▪ DO. ▪ Temperature. Once physicochemical parameters have stabilised (as indicated by at least three consecutive measurements falling within +/- 10% of each other) stabilised parameters' measurement will be recorded on field data records.
Porewater Sample Collection	Porewater sampling will be undertaken in accordance with the USEPA guidance *Operating Procedure Pore Water Sampling*.

Item	Details
	Porewater will be purged at flow rate less than 1 L per minute using a peristaltic pump, connected to a stainless steel tube with a screened section at its base (Drive-Point Piezometer). The pore water sampler will be inserted to at least 1 m below the surficial marine sediments, to ensure collection of pore water rather than surface water. Field parameters will be regularly recorded during the purging to confirm field parameter stability is achieved.
Field Records	Field records will include the following information: ▪ Sampling time and date. ▪ Weather conditions. ▪ Sample Collection method. ▪ Sampling equipment decontamination procedures where non-disposable sampling equipment is utilised. All sample documentation including field notebooks, reporting records, COC and equipment calibration certificates and procedures will be retained within project files.
Decontamination	All re-usable sampling equipment will be thoroughly washed using PFAS-free detergent, then double rinsed with clean water before the sample collection. Tubing will be replaced at each sampling location.
Laboratory Testing	Porewater samples will be analysed for the following: ▪ Full PFAS analytical suite (see Appendix B). ▪ Major anions and cations (include calcium, magnesium, sodium, potassium, chloride sulfate, alkalinity, and ionic balance)
Laboratory Testing – Quality Control	Porewater QC samples will be collected at the following frequencies as detailed in the OMP: ▪ Field duplicate (intra-laboratory) samples at 1 per 10 porewater samples or 1 per batch if the batch is less than 10 samples. ▪ Field triplicate (inter-laboratory) samples at 1 per 10 porewater samples should be sent to a secondary laboratory.
Laboratory Accreditation and Limits of Reporting	All porewater analysis will be undertaken by laboratories accredited by the NATA. ▪ Primary analysis will be undertaken by ALS Global Laboratories (Perth) ▪ Secondary analysis will be undertaken by Eurofins ARL (Perth). Laboratory LORs will be suitable to meet the relevant adopted assessment levels (0.01 µg/L).

4.2.5 Waste Management

All liquid wastes generated from the OMP activities will be temporarily stored on-site (in an agreed location as approved by Base Support) within either a wastewater drum or wastewater container and disposed off-site to a licensed facility. Disposal of the liquid waste is anticipated to occur once the drum(s) or container(s) are full, or as required and will be organised by Cardno.

Any solid waste generated during the sampling event will be disposed of either off-site or in appropriate bins on-site, as approved by Base Support.

4.2.6 Data Management

All data collected as part of the OMP will be managed in accordance with the DCMM Annex L (Defence, 2021). This includes:

> The location codes, project ID, and sample naming conventions presented in the DCMM Annex L will be followed.

> Laboratory and field data will be uploaded onto the Defence Environmental Data Management Software (EDMS (ESdat)).

> Laboratory data will be reviewed, approved and QA/QC data reconciled in ESdat.

4.2.7 Fieldwork data collection and documentation

The data collection in the field will be completed using the following mobile applications:



ESRI FieldMap will have the OMP monitoring locations' GPS coordinates, location codes, type of media sampled and any access specific information.



ESRI Survey123 will be used for the recording of field data at each sampling location. Data collected in the application will be regularly synchronised and saved to the cloud.



ALS Compass application will be used to scan the sampling containers' barcodes, generate and submit CoCs for ALS (primary laboratory).

5 Assessment Criteria

5.1 Groundwater, Porewater and Surface Water

The assessment levels adopted for groundwater, porewater and surface water in this OMP are based upon the Heads of Environmental Protection Authorities Australia and New Zealand PFAS National Environmental Management Plan 2.0 (NEMP; HEPA 2020) and finding of the Detailed Site Investigation (DSI) (RPS, 2018b). The adopted assessment criteria for groundwater, porewater and surface water are detailed in Table 5-1.

Table 5-1 Criteria for Groundwater, Porewater and Surface Water

Receptor	Adopted Assessment Criteria
Ecological	**99% species protection level for Fresh Water and interim Marine Water:** ▪ PFOS – 0.00023* µg/L ▪ PFOA – 19 µg/L
Human Health	**Recreational Water:** ▪ PFOS + PFHxS – 2.0 µg/L ▪ PFOA – 10 µg/L **Drinking Water:** ▪ PFOS + PFHxS – 0.07 µg/L ▪ PFOA – 0.56 µg/L

*The criterion of 0.00023 µg/L is lower than the laboratory level of reporting (LOR), however, the PFAS NEMP 2020 allows for the adoption of the laboratory LOR as a screening level rather than a quantified measurement. At a minimum, the LOR to be adopted is to be consistent with the LORs in the DSI (RPS, 2018b).

5.2 Sediment

It is noted that there are currently no Australian regulatory endorsed assessment levels for risk posed to ecology or human health by PFAS in sediment.

6 Deviations from the OMP

6.1 OMP SAQP History

The changes made to the OMP SAQP since the Rev1 are documented in Table 6-1.

Table 6-1 OMP SAQP History

SAQP Version	Date	Report Section	Changes	Justification
Rev 2	17/12/2019	-	Formatting and figures updates, minor changes.	Defence review
Rev 3	18/08/2020	7	Update of assessment criteria and reference to HEPA (2020).	New guideline (HEPA, 2020)
		6.3	Replacement of decommissioned groundwater bores MW247, MW250 and MW260 by newly installed MW516, MW517, MW518 (respectively). Replacement of destroyed bore MW262 by MW010.	Monitoring network updates.
Rev 4	10/03/2021	6.3	Table 6-4 'Wells construction details' added.	Defence review
		6	Methodology tables updates	
Rev 5	23/08/2021	Tables 6-5, 6-8, 6-9 & 6-10	Laboratory Testing (removal of some non-PFAS analytes for groundwater, surface water, porewater and sediment testing)	Defence review
Rev 6	09/03/2022	6.3	Replacement bore MW500 added for MW117	Monitoring network updates
Rev 7	11/08/2022	6	Damaged/destroyed monitoring wells removed from OMP monitoring locations (MW137, MW272, MW264, MW248, MW517, MW518, MW010).	Unable to sample these locations.
Rev 8	05/12/2022	6	Formatting updates, typos correction. MW261 (lost) removed.	Defence review
Rev 9	28/02/2023	6, 7, 9	Minor methodology updates, figure updates. Reference to soil criteria for sediment removed.	SAQP update
Rev 10	30/05/2023	6	Defence review. MW496 added in replacement of MW248.	Defence review
Rev 11	21/08/2023		Defence review	Defence review
Rev 12	06/12/2023	All	Align SAQP with Defence SAQP guideline	New guideline
Rev 13	22/02/2024		Defence review	Defence review
Rev 14	21/05/2024	4	Update following wells repairs	SAQP update

6.2 Deviations from the OMP

The OMP presented in the PMAP is dated October 2018 (RPS, 2018a). Since the start of the implementation of the OMP, changes have been made to the monitoring network and sampling methodology. Details, justification and impact are presented in Table 6-2.

Table 6-2 Deviation from the OMP

SAQP Version	Deviation	Justification	Impact
Rev 3	Replacement of decommissioned groundwater wells MW247, MW250 and MW260 by newly installed MW516, MW517, MW518 (respectively). Replacement of destroyed bore MW262 by MW010.	These monitoring wells were decommissioned or destroyed prior to the start of the OMP.	No impact, replacement wells were installed at same depth/area as unusable wells.
Rev 6	Replacement bore MW500 added for MW117	MW117 was not found	No impact, MW500 is the replacement well for MW117.
Rev 7	Damaged/destroyed monitoring wells removed from OMP monitoring locations (MW137, MW272, MW264, MW248, MW517, MW518, MW010).	Unable to sample these locations (missing/damaged wells).	Medium impact, several monitoring wells are not able to be sampled in the area.
Rev 8	MW261 (lost) removed	MW261 can't be located.	Medium impact, several monitoring wells are not able to be sampled in the area.
Rev 10	MW496 added in replacement of MW248	MW248 can't be sampled (damaged)	Positive impact, MW496 is screened at similar depth and situated in the same area as MW248.
Rev 12	MW172 removed	Unsafe to access	Moderate impact, the WWTP area is monitored with other wells, however MW172 recorded a new concentration maximum in September 2022.
Rev 14	MW553 added in replacement for MW261, MW468 added in replacement for MW197 (removed)	Wells repairs/replacement undertaken	Positive impact, wells repaired/re-installed.

7 References

General References

1. Australian Standard AS 4482-2005 *Guide to the investigation and sampling of sites with potentially contaminated soils, Part 1 – Non-volatile and semi-volatile compounds*.
2. Australian Standard AS 4482-1999 *Guide to the investigation and sampling of sites with potentially contaminated soils, Part 2 – Volatile substances*.
3. Australian and New Zealand Guidelines, 2018. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*.
4. *Contaminated Sites Act 2003*, Western Australia.
5. Department of Defence, Department of Energy, 2018, *Quality System Manual Schedule B15*.
6. Department of Defence, 2021, *Defence Contamination Management Manual* (DCMM) *Annex L Data Management*.
7. Department of Defence, May 2021, *PFAS OMP Factual Report Guidance*, Version 0.2.
8. Department of Defence, October 2022, *PFAS OMP Annual Interpretive Report Guidance*, Version 0.4.
9. Department of Defence, January 2023, *PFAS OMP Sampling, Analysis and Quality Plan Guidance*, Version 0.1.
10. Department of Water and Environmental Regulation (DWER), 2021, *Assessment and Management of Contaminated Sites*.
11. Heads of Environmental Protection Authority's Australia and New Zealand (HEPA), January 2020, *PFAS National Environmental Management Plan 2.0* (NEMP).
12. National Environment Protection Council (NEPC), 1999, *National Environmental Protection (Assessment of Site Contamination) Measure* (as amended 2013) (ASC NEPM).
13. National Health and Medical Research Council (NHMRC), August 2019, *Guidance on Per and Polyfluoroalkyl Substances (PFAS) in Recreational Water*.
14. Standards Australia 1998. AS/NZ 5667:1998 *Water quality – sampling*.
15. U.S. Environmental Protection Agency (EPA), 2000, *Guidance for the Data Quality Objectives Process (EPA QA/G-4).*
16. US EPA, 2002, *Guidance on Environmental Data Verification and Data Validation (EPA QA/G-8).*

Site Specific References

17. Department of Defence, January 2019, *HMAS Stirling Garden Island PFAS Management Area Plan*, Final.
18. RPS, October 2018, *HMAS Stirling - PFAS Ongoing Monitoring Plan, Ref. EEC16094.005 (RPS, 2018a)*.
19. RPS, May 2018, *Detailed Site Investigation – HMAS Stirling PFAS Investigation*, Ref. EEC16094.003 (RPS, 2018b).
20. RPS, September 2018, *HMAS Stirling Garden Island PFAS Investigation Ecological Risk Assessment*. Ref. EEC16094.009 (RPS, 2018c).
21. GHD, September 2016, Jones Lang LaSalle. *Defence PFAS Environmental Management Preliminary Sampling Program – HMAS Stirling (Garden Island)*.
22. GHD, October 2019, *HMAS Stirling Stage 1 Preliminary Site Investigation*.
23. GHD, June 2020, *HMAS Stirling Stage 2 Detailed Site Investigation (Mobilisation 1).*
24. Cardno, 16 April 2020, *PFAS OMP 2019 Q4 Quarterly Monitoring Factual Report, HMAS Stirling.*
25. Cardno, 14 May 2020, *PFAS OMP 2020 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling.*
26. Cardno, 23 September 2020, *PFAS OMP 2020 Q2 Quarterly Sampling Event Factual Report.*
27. Cardno, 8 January 2020, *PFAS OMP 2020 Q3 Quarterly Sampling Event Factual Report.*
28. Cardno, 4 May 2021, *PFAS OMP 2020 Q4 Quarterly Sampling Event Factual Report, HMAS Stirling*.
29. Cardno, 15 June 2021, *PFAS OMP 2021 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling*.
30. Cardno, 16 September 2021, *PFAS OMP 2020 Annual Interpretive Report, HMAS Stirling*.
31. Cardno, 5 August 2021, *PFAS OMP 2021 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling*.
32. Cardno, 12 April 2022, *PFAS OMP 2021 Q4 Quarterly Sampling Event Factual Report, HMAS Stirling*.

33. Cardno, 3 August 2022, *PFAS OMP 2022 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling*.
34. Cardno, 13 October 2022, *PFAS OMP 2022 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling.*
35. Cardno, 9 December 2022, *PFAS OMP – 2021 Annual Interpretive Report, HMAS Stirling*.
36. Cardno, 22 December 2022, *PFAS OMP 2022 Q3 Quarterly Sampling Event Factual Report, HMAS Stirling.*
37. Cardno, 24 February 2023, *PFAS OMP 2022 Q4 Quarterly Sampling Event Factual Report, HMAS Stirling*.
38. Cardno, 2023, draft *PFAS OMP – 2022 Annual Interpretive Report, HMAS Stirling*.
39. Cardno, 9 May 2023, *PFAS OMP 2023 Q1 Quarterly Sampling Event Factual Report, HMAS Stirling*.
40. Cardno, 11 August 2023, *PFAS OMP 2023 Q2 Quarterly Sampling Event Factual Report, HMAS Stirling*.



APPENDIX

A

Figures



FIGURE 1

1:32,000 Scale at A3

Metres

0 500 1,000

Site Location

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

Cardno

Map Produced by Cardno WA
Date: 2023-02-27 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-001_RegionalLocation 02.mxd
Aerial Imagery Supplied by Google Earth

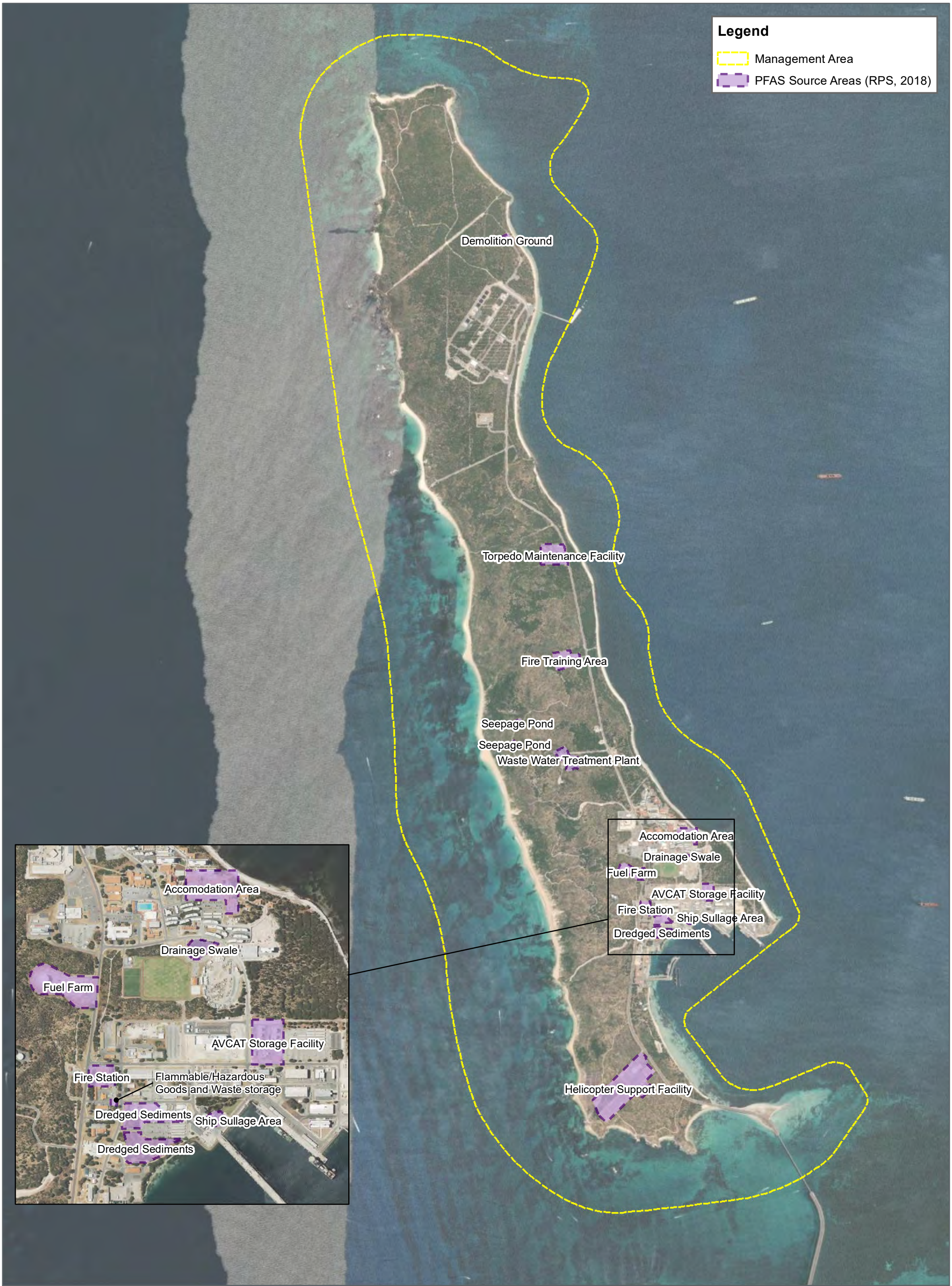

FIGURE 2

1:32,000 Scale at A3

Metres

0 500 1,000

Management Area

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

Cardno

Map Produced by Cardno WA
Date: 2024-02-22 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-002_ManagementArea 02.mxd
Aerial Imagery Supplied by Google Earth & Nearmap

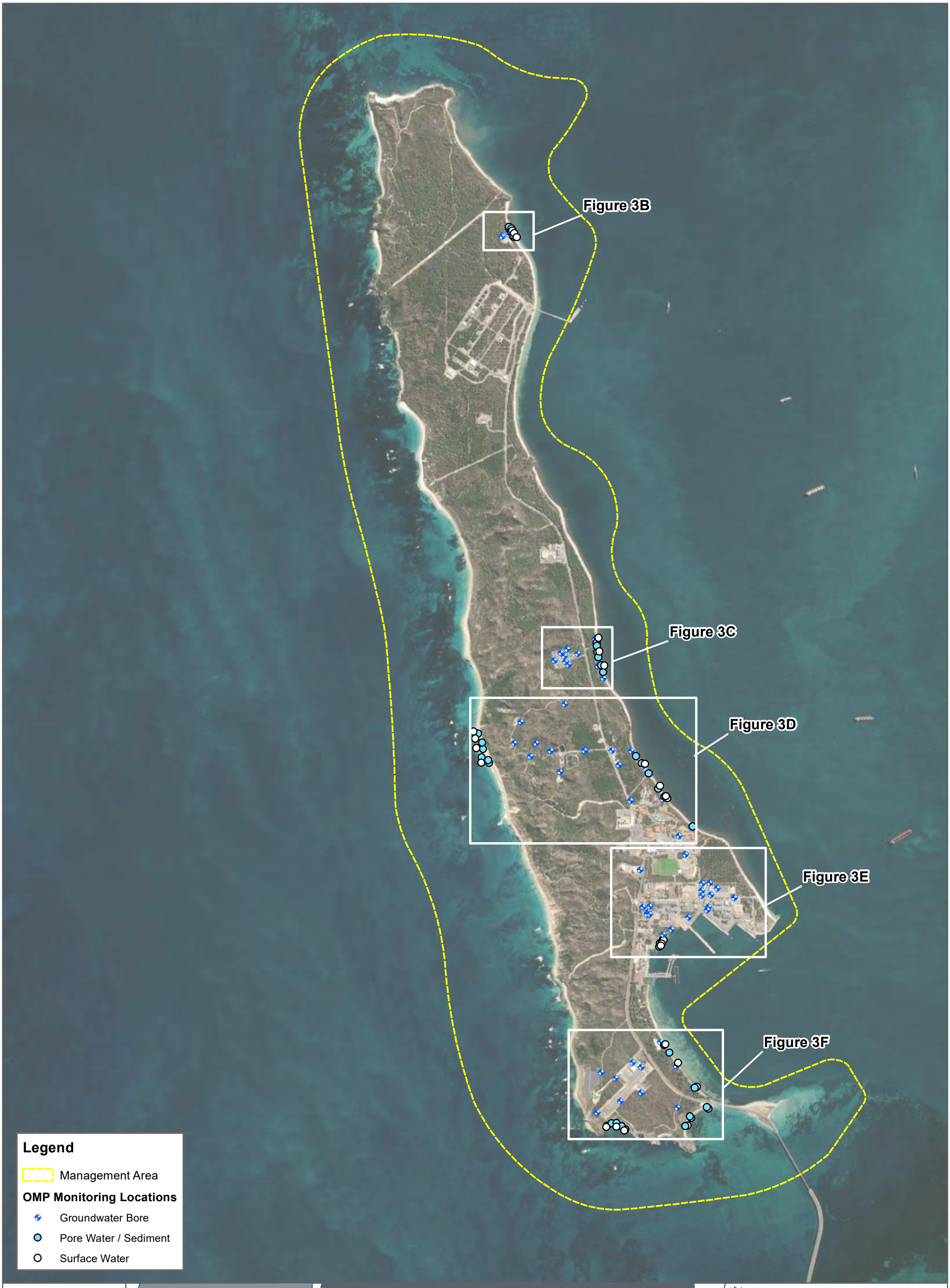

FIGURE 3A

1:32,000 Scale at A3

Metres

0 500 1,000

Monitoring Locations

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

N

Cardno

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Date: 2023-02-27 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-003A_MonitoringLocations 03.mxd
Aerial Imagery Supplied by Google Earth



FIGURE 3B

1:750 Scale at A3

Metres

0 25 50

Monitoring Locations

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

N

Cardno

Map Produced by Cardno WA
Date: 2023-02-28 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-003B_DemolitionGroundLocations 03.mxd
Aerial Imagery Supplied by Nearmap



FIGURE 3C

1:2,000 Scale at A3

Metres

0 50 100

Monitoring Locations

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

N

Cardno

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Date: 2023-02-27 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-003C_FireTrainingAreaLocations 03.mxd
Aerial Imagery Supplied by Aerometrex

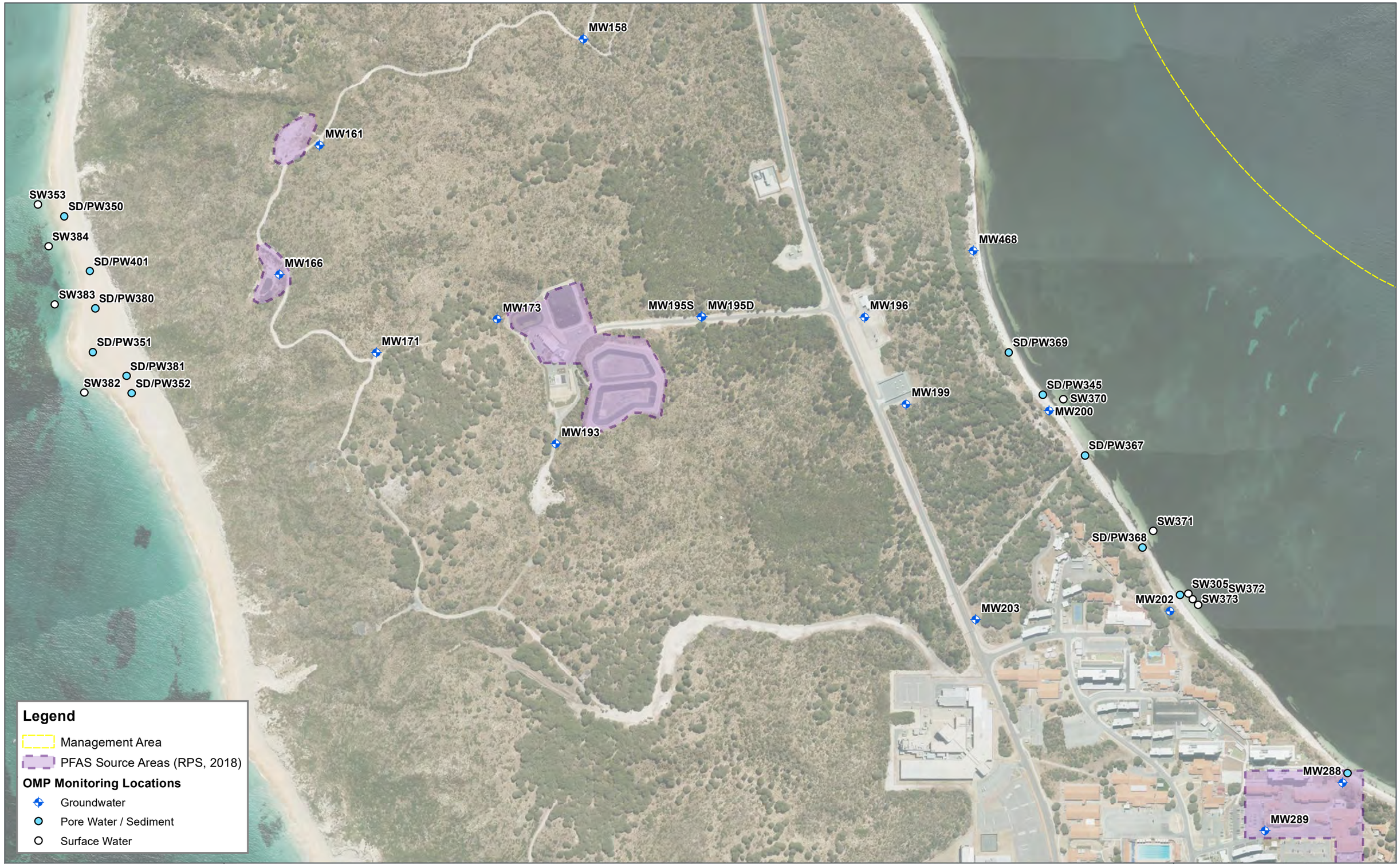

FIGURE 3D

1:5,500 Scale at A3

Metres

0 100 200

Monitoring Locations

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

Cardno

Map Produced by Cardno WA
Date: 2024-05-20 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-003D_WWTPLocations 04.mxd
Aerial Imagery Supplied by Nearmap



FIGURE 3E

1:3,900 Scale at A3

Metres

0 100 200

Monitoring Locations

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

Cardno

Map Produced by Cardno WA
Date: 2024-05-20 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-003E_MainBaseLocations 04.mxd
Aerial Imagery Supplied by Nearmap



FIGURE 3F

1:3,500 Scale at A3

Metres

0 100 200

Monitoring Locations

SAMPLING AND ANALYSIS QUALITY PLAN
HMAS STIRLING
DEPARTMENT OF DEFENCE

Cardno

Map Produced by Cardno WA
Date: 2023-02-27 | Project: DEF19009
Coordinate System: GDA 1994 MGA Zone 50
Map: DEF19009_WA_0089-GS-003F_HSFLocations 03.mxd
Aerial Imagery Supplied by Nearmap



APPENDIX

B

Full PFAS Analytical Suite

Full PFAS Analytical Suite

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

Appendix C

Analytical results

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW010	26/09/2019	4.859	0.289	-	-	4.57	-	21.1	3.95	7.35	0.01	-283	-	Clear	
0089_MW010	25/10/2019	4.859	0.069	-	-	4.79	-	21	3,479	7.3	-	-	2,444	No sheen, clear, faint sulfuric odour, low sediment load	
0089_MW010	3/12/2019	4.859	-0.031	-	-	4.89	-	20.8	4.31	7.32	0.2	-173	-	Slight turbid	
0089_MW010	17/03/2020	4.859	0.049	-	-	4.81	-	21.2	3.55	7.34	0.17	-214	-		
0089_MW010	9/09/2020	4.859	-	-	-	-	-	21.3	3.59	7.56	0.1	-262	-		
0089_MW010	6/10/2020	4.859	-0.037	-	-	4.896	-	21.2	3,356	7.58	0.23	-194.5	-	Very pale yellow, clear, slight hydrocarbon odour, moderate sulfidic odour, no sheen, low to no sediment load	
0089_MW010	16/12/2020	4.859	0.149	-	-	4.71	-	20.9	2,362	-	0.41	-192.7	-	Hydrocarbon odour	
0089_MW010	22/02/2021	4.859	0.196	-	-	4.663	-	-	2,536	7.05	0.57	-12.3	-	Clear, slightly sloudy, moderate to strong HC odour, no sheen, low sediment load (black).	
0089_MW010	18/03/2021	4.859	0.299	-	-	4.56	-	22.1	2,854	7.35	2.39	-137	-	Hydrocarbon odour	
0089_MW010	9/06/2021	4.859	0.324	-	-	4.535	-	17.3	4,237	7.53	1.34	-	-	Clear	
0089_MW010	31/08/2021	4.859	0.224	-	-	4.635	-	-	3,054	7.26	1.13	-	-	Cloudy,Clear	Hydrasleeve
0089_MW010	8/11/2021	4.859	0.128	-	-	4.731	-	-	3,653	7.64	-	-80.7	-	colourless, clear, slight sour odour, low turbidity, no sheen	
0089_MW010	16/11/2021	4.859	0.128	-	-	4.731	-	-	3,054	7.26	-	-111.6	-		Hydrasleeve
0089_MW010	11/01/2022	4.859	0.959	-	-	3.9	-	-	1,413	7.56	1.79	68.8	-	Hydrocarbon odour	Hydrasleeve
0089_MW010	17/03/2022	4.859	0.289	-	-	4.57	-	-	-	7.32	1.24	-	-	Clear	HydroSleeve
0089_MW010	6/05/2022	4.859	0.172	-	-	4.687	-	-	1,741	7.48	1.1	-41.2	-	Clear/colourless, no sheen, no odour, low turbidity	
0089_MW010	16/11/2022	4.859	-1.84	-	-	6.699	-	-	2,705	7.57	-	-138	-	Pale yellow, no sheen, no odour, low turbidity	Hydrasleeve
0089_MW010	11/05/2023	4.859	-4.341	-	-	9.2	-	-	3,750	7.55	1.5	-122.4	-	PVC broken unable to dip. Pale yellow, no sheen, weak organic odour, low turbidity	Hydrasleeve
0089_MW010	8/11/2023	4.859	0.102	-	-	4.757	-	-	1,176	-	1.11	21.1	-	clear, colourless, no sheen, no odour, no sediment load	Sleeve sampler
0089_MW010	9/05/2024	4.167	0.207	-	-	3.96	-	-	3,311	7.32	0.98	-229.9	-	Colourless, low turbidity, slight hydrocarbon odour, low sediment load, no sheen	Sleeve sampler
0089_MW010	29/05/2024	4.167	0.207	-	-	3.96	-	-	800	7.26	4.88	21.8	-		HydraSleeve
0089_MW010	9/10/2024	4.167	0.097	-	-	4.07	-	-	991	7.42	1.28	25.5	-	Clear, clear turbidity,nil odour	Grab
0089_MW010	13/12/2024	4.167	0.142	-	8.46	4.025	7.5	25.5	1,310	7.26	2.46	-80.6	850	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW010	10/03/2025	4.167	0.667	-	-	3.5	-	-	2,632	7.75	4.87	214	-		Grab
0089_MW010	11/03/2025	4.167	0.285	-	8.465	3.882	8	25.9	957	7.49	1.1	-99.5	622	Clear, colourless, no odour, no sheen, some black sediment on the outside of HS	No purge/hydrasleeve
0089_MW010	3/06/2025	4.167	0.586	-	8.43	3.581	7.5	20.5	2,832	7.43	1.15	-210.8	1,842	clear, colourless, low turbidity, some sediment, no sheen, distinct hydrocarbon odour	No purge/hydrasleeve
0089_MW010	17/09/2025	4.167	0.357	-	8.43	3.81	5.8	19.9	4,158	7.34	2.21	-171.5	2,704	Clear, strong sulfuric smell, no turbidity, low sediment load, DO 16%	No purge/hydrasleeve
0089_MW079	16/11/2021	11.86	0.565	10.5 - 13.5	-	11.295	-	-	2,516	7.3	3.5	-31.5	-	milky, cloudy, no odour, high turbidity, no sheen	
0089_MW079	22/11/2022	11.86	0.375	10.5 - 13.5	-	11.485	-	-	-	7.29	1.73	-	-	grey, strong sulfuric odour, no sheen, high sediment load	Hydrasleeve
0089_MW079	4/07/2023	11.86	0.636	10.5 - 13.5	-	11.224	-	-	2,210	-	-	7.1	-	Cloudy, milky white, no odour, no sheen, high turbidity.	
0089_MW079	12/07/2023	11.86	0.636	10.5 - 13.5	-	11.224	-	-	-	7.47	3.64	-66.7	-	Slightly cloudy , no odour, no sheen, moderate turbidity	
0089_MW079	15/11/2023	11.86	0.392	10.5 - 13.5	-	11.468	-	-	-	7.18	2.82	46	-	light brown, cloudy, no sheen, no odour, medium sediment load	Sleeve sampler
0089_MW079	15/05/2024	11.86	0.64	10.5 - 13.5	-	11.22	-	-	3,619	7.67	47.4	-76.1	-	Very pale white, moderate turbidity, no odour, no sheen	Sleeve sampler
0089_MW079	22/10/2024	11.86	0.36	10.5 - 13.5	-	11.5	-	-	1,345	7.45	3.9	41.2	-	Clear, low turbidity, nil odour	Grab
0089_MW079	10/03/2025	11.86	0.36	10.5 - 13.5	-	11.5	-	-	2,664	7.31	4.14	232.2	-		Grab
0089_MW109	3/08/2017	4.446	0.326	2.5 - 5.5	-	4.12	-	20.5	673	7.51	2.01	96	-		
0089_MW109	16/12/2019	4.446	0.251	2.5 - 5.5	-	4.195	-	-	801	7.04	1.92	-	-		
0089_MW109	30/03/2020	4.446	0.345	2.5 - 5.5	-	4.101	-	21.8	918	7.34	1.55	-	-		
0089_MW109	15/07/2020	4.446	0.561	2.5 - 5.5	-	3.885	-	19.1	923	7.28	2.77	23.9	-	QC105, QC205	
0089_MW109	21/09/2020	4.446	0.295	2.5 - 5.5	-	4.151	-	19.2	1,434	7.97	-	-58	-	Clear	
0089_MW109	14/12/2020	4.446	0.331	2.5 - 5.5	-	4.115	-	22.3	1,620	7.4	0.73	-79.3	-	Cloudy	
0089_MW109	16/03/2021	4.446	0.424	2.5 - 5.5	-	4.022	-	22.4	1,173	7.44	0.32	-	-	Clear	
0089_MW109	8/06/2021	4.446	0.416	2.5 - 5.5	-	4.03	-	20	497.6	7.52	3.03	-	-	Clear	
0089_MW109	30/08/2021	4.446	0.326	2.5 - 5.5	-	4.12	-	-	842	7.36	2.41	-	-	Clear	Hydrasleeve
0089_MW109	16/11/2021	4.446	0.326	2.5 - 5.5	-	4.12	-	-	842	7.36	2.41	37.5	-		Hydrasleeve
0089_MW109	14/03/2022	4.446	0.426	2.5 - 5.5	-	4.02	-	-	1,510	7.67	-	-	-	Clear	HydroSleeve
0089_MW109	7/06/2022	4.446	0.456	2.5 - 5.5	-	3.99	-	-	936	7.42	1.31	-172.2	-	Cloudy	Hydrasleeve
0089_MW109	5/09/2022	4.446	0.431	2.5 - 5.5	-	4.015	-	-	880	-	1.46	66.7	-	Cloudy	HydraSleeve
0089_MW109	12/12/2022	4.446	-	2.5 - 5.5	-	-	-	-	813	7.47	2.25	17.2	-	Clear	HydraSleeve
0089_MW109	13/03/2023	4.446	0.326	2.5 - 5.5	-	4.12	-	-	1,192	7.15	2.63	99.8	-	Clear, no odour	HydraSleeve
0089_MW109	18/07/2023	4.446	0.389	2.5 - 5.5	-	4.057	-	-	804	7.21	-	94.5	-	Clear, no odour, no sheen, low turbidity, no sediment	
0089_MW109	5/09/2023	4.446	0.356	2.5 - 5.5	-	4.09	-	-	817	7.33	2.57	2.9	-		HydraSleeve
0089_MW109	12/12/2023	4.446	0.116	2.5 - 5.5	-	4.33	-	-	865	7.04	2.25	-57.3	-	Cloudy	HydraSleeve
0089_MW109	11/03/2024	4.446	0.206	2.5 - 5.5	-	4.24	-	-	1,488	7.33	-	14.8	-	Cloudy	HydraSleeve
0089_MW109	29/05/2024	4.446	0.546	2.5 - 5.5	-	3.9	-	-	1,228	7.38	0.29	-202	-		HydraSleeve
0089_MW109	16/12/2024	4.446	0.244	2.5 - 5.5	5.842	4.202	5.8	21.7	790	7.13	1.12	-44.5	514	clear, colourless, no sheen, organic odour, moderate sediment	No purge/hydrasleeve
0089_MW109	6/06/2025	4.446	0.59	2.5 - 5.5	5.786	3.856	4.5	21	929	7.49	15.79	-85.2	604	clear, colourless,low turbidity, low sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW109	19/09/2025	4.446	-0.204	2.5 - 5.5	5.78	4.65	5.5	19.7	883	7.27	1.75	-110.5	574	Clear, no sheen, strong sulfuric odor, low turbidity, do:18.0%	No purge/hydrasleeve
0089_MW112	3/08/2017	3.973	0.503	3 - 6	-	3.47	-	21.2	441	7.56	4.45	78	-		
0089_MW112	8/01/2020	3.973	0.363	3 - 6	-	3.61	-	23.6	-	7.7	4.06	-	-	Gatic flush, Need metal detector to find it	
0089_MW112	30/03/2020	3.973	0.513	3 - 6	-	3.46	-	23.6	540	7.48	2.24	-	-	QC102 & QC202	
0089_MW112	15/07/2020	3.973	0.658	3 - 6	-	3.315	-	19.8	505	7.56	3.1	75.1	-		
0089_MW112	21/09/2020	3.973	0.517	3 - 6	-	3.456	-	20.5	699	7.73	-	-	-	Clear	
0089_MW112	14/12/2020	3.973	0.513	3 - 6	-	3.46	-	21.9	653	7.52	1.76	-71.6	-	Clear,Cloudy	
0089_MW112	16/03/2021	3.973	0.538	3 - 6	-	3.435	-	23.2	534	7.63	1.65	116.7	-	Clear,Green	
0089_MW112	8/06/2021	3.973	0.013	3 - 6	-	3.96	-	20	548.8	7.71	2.29	-	-	Clear	
0089_MW112	30/08/2021	3.973	0.513	3 - 6	-	3.46	-	-	523.7	7.51	2.39	80.2	-	Brown	Hydrasleeve
0089_MW112	10/01/2022	3.973	0.473	3 - 6	-	3.5	-	21.2	562	7.55	1.23	134.7	-		Hydrasleeve
0089_MW112	14/03/2022	3.973	0.583	3 - 6	-	3.39	-	-	579	7.78	3.4	70	-	Clear	HydroSleeve
0089_MW112	7/06/2022	3.973	0.588	3 - 6	-	3.385	-	-	485.5	7.64	-	119.2	-	Clear	Hydrasleeve
0089_MW112	5/09/2022	3.973	0.618	3 - 6	-	3.355	-	-	515.5	7.67	1.63	59.2	-	Cloudy	HydraSleeve
0089_MW112	12/12/2022	3.973	-	3 - 6	-	-	-	-	533	7.64	-	-18.6	-	Clear	HydraSleeve
0089_MW112	13/03/2023	3.973	0.488	3 - 6	-	3.485	-	-	583	7.42	1.45	-76.2	-	Clear, no odour	HydraSleeve
0089_MW112	18/07/2023	3.973	0.55	3 - 6	-	3.423	-	-	589	7.43	0.1	49.6	-	Slightly cloudy, no odour, no sheen, low turbidity (moderate turb at 9 min), low sediment (high sed at 9 min)	
0089_MW112	5/09/2023	3.973	0.523	3 - 6	-	3.45	-	21.3	526	7.56	-	-6.2	-		HydraSleeve
0089_MW112	12/12/2023	3.973	0.313	3 - 6	-	3.66	-	-	527	7.39	1.05	-69.6	-	Clear	HydraSleeve
0089_MW112	11/03/2024	3.973	0.373	3 - 6	-	3.6	-	-	594	7.54	-	-40.3	-	Cloudy	HydraSleeve
0089_MW112	29/05/2024	3.973	0.703	3 - 6	-	3.27	-	-	591	7.5	0.85	31.9	-		HydraSleeve
0089_MW112	16/12/2024	3.973	0.422	3 - 6	5.864	3.551	4.5	23.1	580	7.36	0.86	-29.3	377.4	pale yellow, clear, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW112	21/03/2025	3.973	0.588	3 - 6	5.87	3.385	5.3	26.2	541	7.44	0.85	-103.1	352.9	Moderately cloudy, pale brown, no roots, brown-orange staining on top of HS with small areas of black staining, faint hydrocarbon odour	No purge/hydrasleeve
0089_MW112	6/06/2025	3.973	0.77	3 - 6	5.846	3.203	4.5	22	500	7.59	14.52	-160.4	325.5	clear, yellow tinge, low turbidity, low sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW112	19/09/2025	3.973	0.573	3 - 6	6	3.4	4.5	20.7	585	7.36	1.5	-114.5	380.5	Pale yellow, no odour, no sheen, low sediment load, do:11.8%, low turbidity	No purge/hydrasleeve
0089_MW120	3/08/2017	4.409	0.369	2.5 - 5.5	-	4.04	-	20.3	599	7.56	-	-12	-		
0089_MW120	4/11/2019	4.409	0.214	2.5 - 5.5	-	4.195	-	21.4	595	-	2.31	-	416	No sheen, colourless/clear, no odour, no to low sediment load	
0089_MW120	16/12/2019	4.409	0.279	2.5 - 5.5	-	4.13	-	22.4	700	7.5	3.78	-	-		

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW120	30/03/2020	4.409	0.385	2.5 - 5.5	-	4.024	-	23	608	7.52	2.58	-	-		
0089_MW120	15/07/2020	4.409	0.589	2.5 - 5.5	-	3.82	-	19.1	464.1	-	2.04	60.8	-	QC106, QC206	
0089_MW120	14/12/2020	4.409	0.369	2.5 - 5.5	-	4.04	-	20.8	589	7.58	0.9	-49.9	-	Clear	
0089_MW120	16/03/2021	4.409	0.989	2.5 - 5.5	-	3.42	-	23.2	635	7.64	2.06	82.2	-	Cloudy	
0089_MW120	8/06/2021	4.409	0.449	2.5 - 5.5	-	3.96	-	19.6	633	7.7	1.08	-	-	Clear	
0089_MW120	30/08/2021	4.409	0.349	2.5 - 5.5	-	4.06	-	-	639	7.5	2.26	74.6	-	Cloudy	Hydrasleeve
0089_MW120	16/11/2021	4.409	0.373	2.5 - 5.5	-	4.036	-	-	639	7.5	2.26	74.6	-		Hydrasleeve
0089_MW120	10/01/2022	4.409	1.069	2.5 - 5.5	-	3.34	-	-	644	7.58	1.9	140.4	-		Hydrasleeve
0089_MW120	14/03/2022	4.409	0.463	2.5 - 5.5	-	3.946	-	-	697	7.82	1.64	-	-	Clear	HydroSleeve
0089_MW120	7/06/2022	4.409	0.454	2.5 - 5.5	-	3.955	-	-	632	7.52	1.29	-	-	Clear	Hydrasleeve
0089_MW120	5/09/2022	4.409	0.462	2.5 - 5.5	-	3.947	-	-	670	7.7	3.42	60.1	-	Cloudy	HydraSleeve
0089_MW120	12/12/2022	4.409	-	2.5 - 5.5	-	-	-	-	916	7.86	1.63	-13.5	-	Clear	HydraSleeve
0089_MW120	13/03/2023	4.409	0.334	2.5 - 5.5	-	4.075	-	-	704	7.5	1.77	123.1	-	Clear, no odour	HydraSleeve
0089_MW120	5/09/2023	4.409	0.389	2.5 - 5.5	-	4.02	-	-	657	7.6	-	-0.9	-		HydraSleeve
0089_MW120	12/12/2023	4.409	0.129	2.5 - 5.5	-	4.28	-	-	695	7.38	2.47	-62.8	-	Cloudy	HydraSleeve
0089_MW120	11/03/2024	4.409	0.239	2.5 - 5.5	-	4.17	-	-	736	7.68	2.05	-23.2	-	Cloudy	HydraSleeve
0089_MW120	29/05/2024	4.409	0.589	2.5 - 5.5	-	3.82	-	-	619	7.6	0.49	21.3	-		HydraSleeve
0089_MW120	16/12/2024	4.409	0.269	2.5 - 5.5	5.76	4.14	5.7	21.9	660	7.43	1.49	-30.6	429.3	pale grey, cloudy, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW120	21/03/2025	4.409	0.358	2.5 - 5.5	5.699	4.051	5.2	22.4	1,031	7.24	2.31	76	670	Cloudy pale vrown, sulfidic ofour, medium sediment load, no sheen, roots on top of HS	No purge/hydrasleeve
0089_MW120	6/06/2025	4.409	0.635	2.5 - 5.5	5.738	3.774	4.5	19.1	695	7.7	27.3	-161.2	451.1	cloudy white, medium turbidity, some light grey sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW120	19/09/2025	4.409	0.424	2.5 - 5.5	5.715	3.985	5	19	669	7.36	5.89	-107.3	435.1	White, turbid, no odour, no sheen, no sediment load, do:46.7%	No purge/hydrasleeve
0089_MW121	3/08/2017	3.7	0.385	2.7 - 5.7	-	3.315	-	20.4	498	7.64	7.01	102	-		
0089_MW121	5/11/2019	3.7	0.23	2.7 - 5.7	-	3.47	-	21.4	486.7	7.75	7.49	-	340.6	No sheen, colourless/clear, no odour, no sediment load	
0089_MW121	16/12/2019	3.7	0.28	2.7 - 5.7	-	3.42	-	-	592	7.27	5.74	-	-		
0089_MW121	30/03/2020	3.7	-0.59	2.7 - 5.7	-	4.29	-	-	590	7.57	1.8	-	-		
0089_MW121	15/07/2020	3.7	0.535	2.7 - 5.7	-	3.165	-	19.5	521	7.36	-	57.2	-		
0089_MW121	21/09/2020	3.7	0.344	2.7 - 5.7	-	3.356	-	21.4	751	7.55	5.38	54.6	-		
0089_MW121	14/12/2020	3.7	0.3	2.7 - 5.7	-	3.4	-	20	661	7.76	3.76	-12.4	-	Clear	
0089_MW121	16/03/2021	3.7	-2.52	2.7 - 5.7	-	6.22	-	26	695	7.3	1.41	33.3	-	Cloudy	
0089_MW121	8/06/2021	3.7	0.45	2.7 - 5.7	-	3.25	-	18.5	806	7.68	4.7	-	-	Clear	
0089_MW121	30/08/2021	3.7	-0.575	2.7 - 5.7	-	4.275	-	-	733	7.72	5.72	87.4	-	Clear,Cloudy	Hydrasleeve
0089_MW121	15/11/2021	3.7	0.37	2.7 - 5.7	-	3.33	-	-	663	8.45	5.71	8.1	-	milky, cloudy, no odour, moderate sediment load/turbidity, no sheen	
0089_MW121	10/01/2022	3.7	0.34	2.7 - 5.7	-	3.36	-	-	505.5	7.87	5.16	135.7	-		Hydrasleeve
0089_MW121	14/03/2022	3.7	0.45	2.7 - 5.7	-	3.25	-	-	686	7.78	5.05	147.6	-	Hydrasleeve didn't fill up during recovery	HandBailing
0089_MW121	7/06/2022	3.7	0.465	2.7 - 5.7	-	3.235	-	-	763	7.72	5.15	68.3	-	Hydrasleeve didn't fill up during recovery	HandBailing
0089_MW121	5/09/2022	3.7	0.475	2.7 - 5.7	-	3.225	-	-	550.2	-	7.39	37.8	-	Cloudy	HandBailing
0089_MW121	12/12/2022	3.7	-	2.7 - 5.7	-	-	-	-	544	8	5.68	-	-	Cloudy	HandBailing
0089_MW121	13/03/2023	3.7	0.34	2.7 - 5.7	-	3.36	-	-	599	-	5.15	109.3	-	Insufficient water column to fill hydrasleeve	HandBailing
0089_MW121	5/09/2023	3.7	0.39	2.7 - 5.7	-	3.31	-	-	604	7.91	5.84	2.6	-		HandBailing
0089_MW121	12/12/2023	3.7	0.16	2.7 - 5.7	-	3.54	-	-	511	7.67	7.04	-55.5	-	Cloudy	HydraSleeve
0089_MW121	11/03/2024	3.7	0.25	2.7 - 5.7	-	3.45	-	-	815	7.93	4.33	-18.9	-	Cloudy	HydraSleeve
0089_MW121	29/05/2024	3.7	0.6	2.7 - 5.7	-	3.1	-	-	649	7.74	2.29	-	-		HydraSleeve
0089_MW121	16/12/2024	3.7	0.28	2.7 - 5.7	4.09	3.42	3.8	21.9	508	7.55	5.16	-32	-	light grey, cloudy, no sheen, no odour, significant sediment load.	Low flow/peri pump
0089_MW121	21/03/2025	3.7	0.469	2.7 - 5.7	3.98	3.231	3.5	26.7	541	7.75	4.72	31.4	3,522	Moderately cloudy, pale brown, no roots, brown-orange staining on top of HS with small areas of black staining, faint hydrocarbon odour	No purge/hydrasleeve
0089_MW121	6/06/2025	3.7	0.637	2.7 - 5.7	3.961	3.063	3.5	20.8	529	7.99	19.46	-82.3	343.8	cloudy white, low turbidity, some sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW121	19/09/2025	3.7	0.45	2.7 - 5.7	4.05	3.25	4	19	432.5	7.82	5.57	-114.5	281.1	White, turbid, no odour, no sheen, no sediment load, do:59.9%	No purge/hydrasleeve
0089_MW123	3/08/2017	6.62	0.395	4.5 - 8	-	6.225	-	19.5	492	7.49	-	-	-		
0089_MW123	16/12/2019	6.62	0.23	4.5 - 8	-	6.39	-	22.1	-	-	5.47	-	-	QC101 201 taken	
0089_MW123	14/12/2020	6.62	0.35	4.5 - 8	-	6.27	-	20.3	1,655	7.84	-	-125.8	-	Cloudy	
0089_MW123	16/03/2021	6.62	-0.72	4.5 - 8	-	7.34	-	24.2	661	7.69	3.89	61.8	-	Cloudy	
0089_MW123	8/06/2021	6.62	0.44	4.5 - 8	-	6.18	-	18.6	820	7.42	1.84	-	-	Cloudy	
0089_MW123	30/08/2021	6.62	0.355	4.5 - 8	-	6.265	-	-	770	-	-	-190.2	-		Hydrasleeve
0089_MW123	15/11/2021	6.62	0.299	4.5 - 8	-	6.321	-	-	893	-	1.16	-125.9	-	milky, cloudy, no discernible odour, very high turbidity, no sheen	
0089_MW123	16/11/2021	6.62	0.299	4.5 - 8	-	6.321	-	-	770	7.38	1.74	-190.2	-		Hydrasleeve
0089_MW123	10/01/2022	6.62	0.35	4.5 - 8	-	6.27	-	-	858	7.34	1.27	171.7	-	QC 101/201	Hydrasleeve
0089_MW123	14/03/2022	6.62	0.39	4.5 - 8	-	6.23	-	-	1,657	7.38	2.18	45.3	-	Clear	HydroSleeve
0089_MW123	7/06/2022	6.62	0.44	4.5 - 8	-	6.18	-	-	1,971	-	-	-133.5	-	Clear	Hydrasleeve
0089_MW123	5/09/2022	6.62	0.45	4.5 - 8	-	6.17	-	-	1,460	-	-	-20.9	-	Clear	HydraSleeve
0089_MW123	12/12/2022	6.62	-	4.5 - 8	-	-	-	-	2,339	7.8	1.87	-32.6	-	Clear	HydraSleeve
0089_MW123	13/03/2023	6.62	0.315	4.5 - 8	-	6.305	-	-	2,474	7.4	1.96	118.5	-	Cloudy	HydraSleeve
0089_MW123	5/09/2023	6.62	0.34	4.5 - 8	-	6.28	-	-	1,393	7.54	1.66	-29.7	-		HydraSleeve
0089_MW123	12/12/2023	6.62	0.12	4.5 - 8	-	6.5	-	-	699	7.4	2.64	-59.8	-	Cloudy	HydraSleeve
0089_MW123	11/03/2024	6.62	2.2	4.5 - 8	-	4.42	-	21.4	1,989	7.85	2.72	-24.1	-	Clear	HydraSleeve
0089_MW123	29/05/2024	6.62	0.42	4.5 - 8	-	6.2	-	-	-	7.59	1.35	-9.9	-		HydraSleeve
0089_MW123	16/12/2024	6.62	0.255	4.5 - 8	7.78	6.365	7.7	24.7	1,388	7.3	1.14	-30	898	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW123	21/03/2025	6.62	0.412	4.5 - 8	7.74	6.208	7.2	23.5	2,092	7.3	1.76	72.2	1,362	Cloudy pale yellow, no sheen, no roots, medium sediment load	No purge/hydrasleeve
0089_MW123	6/06/2025	6.62	0.582	4.5 - 8	7.716	6.038	7	21.4	882	7.55	12.4	-130.8	573	clear, colourless, low turbidity, some white sediment at base of Hydrasleeve, no sheen or odour	No purge/hydrasleeve
0089_MW123	19/09/2025	6.62	0.42	4.5 - 8	8	6.2	7	19.6	914	7.25	2	-113.5	595	White, turbid, no odour, no sheen, no sediment load, DO 14.3%	No purge/hydrasleeve
0089_MW124	3/08/2017	1.899	0.154	0.75 - 4	-	1.745	-	17.8	27,400	-	0.04	-289	-		
0089_MW124	30/03/2020	1.899	0.223	0.75 - 4	-	1.676	-	21	39,913	7.14	4.29	-	-		
0089_MW124	15/07/2020	1.899	0.439	0.75 - 4	-	1.46	-	15.6	40,089	7.04	6.09	7.05	-		
0089_MW124	22/09/2020	1.899	0.006	0.75 - 4	-	1.893	-	19.3	47,467	7.36	2.19	-82.3	-	Black,Clear	
0089_MW124	14/12/2020	1.899	0.109	0.75 - 4	-	1.79	-	19.5	40,107	7.16	-	-188.3	-	Clear	
0089_MW124	15/03/2021	1.899	0.264	0.75 - 4	-	1.635	-	20.8	38,532	-	-	-262.9	-	Clear	
0089_MW124	8/06/2021	1.899	0.269	0.75 - 4	-	1.63	-	19	42,836	7.31	0.97	-	-	Clear,Cloudy	
0089_MW124	30/08/2021	1.899	0.119	0.75 - 4	-	1.78	-	17	42,307	7.26	1.27	-226.3	-	Clear	Hydrasleeve
0089_MW124	16/11/2021	1.899	0.119	0.75 - 4	-	1.78	-	-	42,307	7.26	1.27	-226.3	-		Hydrasleeve
0089_MW124	10/01/2022	1.899	-0.041	0.75 - 4	-	1.94	-	-	35,739	7.5	0.4	-303.8	-		Hydrasleeve
0089_MW124	14/03/2022	1.899	0.189	0.75 - 4	-	1.71	-	-	39,644	7.11	0.53	-247.3	-	Clear	HydroSleeve
0089_MW124	7/06/2022	1.899	0.274	0.75 - 4	-	1.625	-	18.4	20,665	-	-	-	-	Clear	Hydrasleeve
0089_MW124	5/09/2022	1.899	0.299	0.75 - 4	-	1.6	-	16.7	37,916	7.12	0.56	-314	-	Hydrogen sulfide smell	HydraSleeve
0089_MW124	12/12/2022	1.899	-	0.75 - 4	-	-	-	-	38,051	6.68	0.3	-317.3	-	Hydrogen sulfide odour	HydraSleeve
0089_MW124	13/03/2023	1.899	0.049	0.75 - 4	-	1.85	-	-	43,647	6.72	0.58	-316.9	-	Clear, Hydrogen sulfide odour	HydraSleeve
0089_MW124	7/06/2023	1.899	0.729	0.75 - 4	-	1.17	-	18.7	39,032	7.33	1.55	-179.8	-	Clear	HydraSleeve
0089_MW124	5/09/2023	1.899	0.129	0.75 - 4	-	1.77	-	-	32,781	7.15	1.25	-	-		HydraSleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW124	11/12/2023	1.899	0.079	0.75 - 4	-	1.82	-	-	42,500	7.23	0.77	-214.4	-	Clear	HydraSleeve
0089_MW124	11/03/2024	1.899	-0.041	0.75 - 4	-	1.94	-	-	47,090	7.05	0.48	-191.4	-	Clear	HydraSleeve
0089_MW124	29/05/2024	1.899	0.629	0.75 - 4	-	1.27	-	-	41,234	7.16	0.34	-204.1	-		HydraSleeve
0089_MW124	18/12/2024	1.899	-0.001	0.75 - 4	4.19	1.9	2.9	20.9	39,769	7.22	2.99	-93.5	25,859	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW124	21/03/2025	1.899	0.312	0.75 - 4	4.195	1.59	3.7	24.8	42,058	7.18	0.92	-193.3	27,332	Clear, colourless, strong sulfidic odour, no roots or sheen	No purge/hydrasleeve
0089_MW124	6/06/2025	1.899	0.305	0.75 - 4	4.136	1.594	3.5	20.6	41,269	7.21	13.33	-95.6	26,834	clear, colourless, low turbidity, no sediment load, no sheen, faint seawater odour	No purge/hydrasleeve
0089_MW124	19/09/2025	1.899	0.119	0.75 - 4	4.17	1.78	3	21.2	31,586	7.21	0.92	-205	20,502	Clear, low sediment load, no sheen, strong sulfuric odour, no turbidity	No purge/hydrasleeve
0089_MW125	3/08/2017	1.882	0.16	0.9 - 3.9	-	1.722	-	17.9	27,800	7.19	0.08	-309	-		
0089_MW125	30/03/2020	1.882	0.062	0.9 - 3.9	-	1.82	-	20.7	-	7.02	2.5	-	-		
0089_MW125	15/07/2020	1.882	0.442	0.9 - 3.9	-	1.44	-	16.4	40,575	7.09	4.35	-171.3	-		
0089_MW125	22/09/2020	1.882	0.014	0.9 - 3.9	-	1.868	-	19.2	48,861	7.16	1.82	-154.5	-	Clear,Black	
0089_MW125	14/12/2020	1.882	0.122	0.9 - 3.9	-	1.76	-	19.6	40,970	7.14	0.29	-187.9	-	Clear	
0089_MW125	15/03/2021	1.882	0.152	0.9 - 3.9	-	1.73	-	21.1	44,213	7.4	0.81	-199.4	-	Clear	
0089_MW125	8/06/2021	1.882	0.252	0.9 - 3.9	-	1.63	-	19	-	7.29	1.02	-	-	Clear	
0089_MW125	30/08/2021	1.882	0.112	0.9 - 3.9	-	1.77	-	-	-	7.18	-	-205.3	-	Clear	Hydrasleeve
0089_MW125	16/11/2021	1.882	0.112	0.9 - 3.9	-	1.77	-	17.6	29,455	7.18	0.5	-205.3	-		Hydrasleeve
0089_MW125	10/01/2022	1.882	-0.018	0.9 - 3.9	-	1.9	-	-	36,979	7.25	0.38	-266.6	-		Hydrasleeve
0089_MW125	14/03/2022	1.882	0.197	0.9 - 3.9	-	1.685	-	-	45,470	7.17	0.65	-305.3	-	Clear	HydroSleeve
0089_MW125	7/06/2022	1.882	0.252	0.9 - 3.9	-	1.63	-	-	44,803	7.27	0.77	-245.8	-	Clear	Hydrasleeve
0089_MW125	5/09/2022	1.882	0.302	0.9 - 3.9	-	1.58	-	19	41,218	7.16	0.21	-347.7	-	Hydrogen sulfide odour	HydraSleeve
0089_MW125	12/12/2022	1.882	-	0.9 - 3.9	-	-	-	21.6	43,543	7.15	0.77	-	-	Clear	HydraSleeve
0089_MW125	13/03/2023	1.882	0.092	0.9 - 3.9	-	1.79	-	-	39,002	6.56	0.16	-290.9	-	Clear	HydraSleeve
0089_MW125	7/06/2023	1.882	0.622	0.9 - 3.9	-	1.26	-	-	41,227	7.23	1.28	-234.9	-	Clear	HydraSleeve
0089_MW125	5/09/2023	1.882	0.132	0.9 - 3.9	-	1.75	-	-	35,806	7.13	0.66	-275.7	-		HydraSleeve
0089_MW125	11/12/2023	1.882	0.052	0.9 - 3.9	-	1.83	-	-	42,759	7.12	0.31	-234	-	Clear	HydraSleeve
0089_MW125	11/03/2024	1.882	-0.018	0.9 - 3.9	-	1.9	-	-	50,440	7.21	1.23	-	-	Clear	HydraSleeve
0089_MW125	29/05/2024	1.882	0.562	0.9 - 3.9	-	1.32	-	-	43,409	7.04	0.27	263.3	-		HydraSleeve
0089_MW125	18/12/2024	1.882	0.007	0.9 - 3.9	4.32	1.875	2.9	21.6	39,706	7.19	2.4	-150.2	25,798	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW125	19/03/2025	1.882	0.312	0.9 - 3.9	4.41	1.57	3.9	28.3	44,826	7.12	0.84	-218.6	29,131	Clear, colourless, strong sulfidic odour, no sheen, low sediment load	No purge/hydrasleeve
0089_MW125	6/06/2025	1.882	0.348	0.9 - 3.9	4.334	1.534	3	20.1	40,696	7.24	8.8	-104.5	26,449	clear, colourless, low turbidity, low sediment, no sheen, salt water odour	No purge/hydrasleeve
0089_MW125	9/09/2025	1.882	0.152	0.9 - 3.9	4.325	1.73	3	22.1	14,141	7.38	3.2	-93.1	9,192	Clear, no turbidity, no sediment load, no sheen, sulfuric odour	No purge/hydrasleeve
0089_MW126	3/08/2017	1.948	0.163	0.9 - 3.9	-	1.785	-	17.9	26,300	7.02	0.01	-313	-		
0089_MW126	8/01/2020	1.948	0.218	0.9 - 3.9	-	1.73	-	21.1	41,841	7.09	4.67	-	-		
0089_MW126	31/03/2020	1.948	0.082	0.9 - 3.9	-	1.866	-	19.5	38,371	7.04	1.8	-	-		
0089_MW126	15/07/2020	1.948	0.408	0.9 - 3.9	-	1.54	-	16.7	40,030	-	2.96	-234.8	-		
0089_MW126	22/09/2020	1.948	0.035	0.9 - 3.9	-	1.913	-	19.3	46,315	7.17	0.91	-162.3	-	Clear,Black	
0089_MW126	14/12/2020	1.948	0.158	0.9 - 3.9	-	1.79	-	19.7	37,968	7.03	0.64	-	-	Clear	
0089_MW126	15/03/2021	1.948	0.123	0.9 - 3.9	-	1.825	-	20.3	40,561	7.24	1.24	-254.2	-	Clear	
0089_MW126	8/06/2021	1.948	0.278	0.9 - 3.9	-	1.67	-	19.7	43,757	7.33	-	-	-	Clear	
0089_MW126	30/08/2021	1.948	0.158	0.9 - 3.9	-	1.79	-	-	-	6.94	1.24	-	-	Clear	Hydrasleeve
0089_MW126	16/11/2021	1.948	0.158	0.9 - 3.9	-	1.79	-	-	43,803	6.94	1.24	-217.3	-		Hydrasleeve
0089_MW126	10/01/2022	1.948	0.048	0.9 - 3.9	-	1.9	-	-	-	6.95	0.91	-297.2	-	Slight sulfur odour	Hydrasleeve
0089_MW126	14/03/2022	1.948	0.208	0.9 - 3.9	-	1.74	-	-	41,517	7.03	0.27	-320.3	-	Clear	HydroSleeve
0089_MW126	7/06/2022	1.948	0.238	0.9 - 3.9	-	1.71	-	-	41,941	7.09	1.11	-	-	Clear	Hydrasleeve
0089_MW126	5/09/2022	1.948	0.308	0.9 - 3.9	-	1.64	-	-	41,207	6.95	0.61	-344.4	-	Strong hydrogen sulfide smell	HydraSleeve
0089_MW126	12/12/2022	1.948	-	0.9 - 3.9	-	-	-	-	39,481	6.99	0.42	-324.1	-	Hydrogen sulfide odour	HydraSleeve
0089_MW126	13/03/2023	1.948	0.098	0.9 - 3.9	-	1.85	-	-	38,467	6.36	-	-331.6	-	Clear,Hydrogen sulfide odour	HydraSleeve
0089_MW126	7/06/2023	1.948	0.688	0.9 - 3.9	-	1.26	-	-	33,877	7.08	1.08	-	-	Clear	HydraSleeve
0089_MW126	5/09/2023	1.948	0.148	0.9 - 3.9	-	1.8	-	-	18,622	7.17	-	-249.2	-		HydraSleeve
0089_MW126	11/12/2023	1.948	0.028	0.9 - 3.9	-	1.92	-	-	42,780	7.15	0.35	-280	-	Clear	HydraSleeve
0089_MW126	11/03/2024	1.948	0.028	0.9 - 3.9	-	1.92	-	-	39,948	7.01	0.44	-294.5	-	Hydrogen sulfide	HydraSleeve
0089_MW126	29/05/2024	1.948	0.578	0.9 - 3.9	-	1.37	-	-	-	6.96	0.78	-264.2	-		HydraSleeve
0089_MW126	18/12/2024	1.948	0.013	0.9 - 3.9	4.23	1.935	3	21.9	33,089	7.06	4.3	-142.4	21,513	clear, colourless, no sheen, hydrocarbon odour, no sediment	No purge/hydrasleeve
0089_MW126	21/03/2025	1.948	0.293	0.9 - 3.9	4.26	1.655	3.7	24.7	39,199	7.02	0.41	-280.1	25,481	Clear, colourless, sulfidic odour, no sheen or roots	No purge/hydrasleeve
0089_MW126	6/06/2025	1.948	0.366	0.9 - 3.9	4.203	1.582	3	20.4	35,393	7.22	953	-122.2	23,038	clear, colourless, low turbidity, low sediment, black staining on Hydrasleeve, dead organic matter odour	No purge/hydrasleeve
0089_MW126	9/09/2025	1.948	0.178	0.9 - 3.9	3.9	1.77	2.3	19	39,413	6.95	3.63	-211.1	25,610	Sulfuric odour, colorless, no sediment load, no sheen, no turbidity	No purge/hydrasleeve
0089_MW127	3/08/2017	1.771	0.171	0.9 - 3.9	-	1.6	-	17.9	-	7.08	0.07	-298	-		
0089_MW127	8/01/2020	1.771	0.001	0.9 - 3.9	-	1.77	-	23.4	40,920	7.14	1.8	-	-		
0089_MW127	31/03/2020	1.771	0.266	0.9 - 3.9	-	1.505	-	23	39,878	7.11	0.52	-	-	QC104& QC204 taken here	
0089_MW127	15/07/2020	1.771	0.411	0.9 - 3.9	-	1.36	-	17.3	34,614	7.11	3.29	-222.5	-		
0089_MW127	22/09/2020	1.771	0.05	0.9 - 3.9	-	1.721	-	19.7	43,370	7.31	-	-158.7	-	Clear	
0089_MW127	14/12/2020	1.771	0.156	0.9 - 3.9	-	1.615	-	19.8	36,014	7.15	0.6	-210.3	-	Clear	
0089_MW127	15/03/2021	1.771	0.141	0.9 - 3.9	-	1.63	-	20.8	38,542	-	0.66	-264.4	-	Clear	
0089_MW127	8/06/2021	1.771	0.266	0.9 - 3.9	-	1.505	-	20.1	40,922	7.35	0.94	-	-	Clear	
0089_MW127	30/08/2021	1.771	0.181	0.9 - 3.9	-	1.59	-	-	36,917	7.05	0.77	-216	-	Clear	Hydrasleeve
0089_MW127	16/11/2021	1.771	0.181	0.9 - 3.9	-	1.59	-	-	36,917	7.05	-	-216	-		Hydrasleeve
0089_MW127	10/01/2022	1.771	-0.039	0.9 - 3.9	-	1.81	-	-	39,757	7.13	0.55	-275.9	-	Slight sulfur odour	Hydrasleeve
0089_MW127	14/03/2022	1.771	0.061	0.9 - 3.9	-	1.71	-	-	36,314	7.18	0.57	-286.3	-	Clear	HydroSleeve
0089_MW127	7/06/2022	1.771	0.261	0.9 - 3.9	-	1.51	-	-	-	6.94	-	-251.1	-	Clear	Hydrasleeve
0089_MW127	5/09/2022	1.771	0.291	0.9 - 3.9	-	1.48	-	-	39,553	7.37	1.11	-325	-	Hydrogen sulfide smell	HydraSleeve
0089_MW127	12/12/2022	1.771	-	0.9 - 3.9	-	-	-	-	39,462	7.24	0.78	-326.7	-	Hydrogen sulfide odour	HydraSleeve
0089_MW127	13/03/2023	1.771	0.051	0.9 - 3.9	-	1.72	-	-	35,750	-	1.15	-319.4	-	Clear	HydraSleeve
0089_MW127	7/06/2023	1.771	0.511	0.9 - 3.9	-	1.26	-	-	37,641	7.09	0.74	-262.1	-	Clear	HydraSleeve
0089_MW127	5/09/2023	1.771	0.141	0.9 - 3.9	-	1.63	-	-	30,877	7.11	0.28	-297.3	-		HydraSleeve
0089_MW127	11/12/2023	1.771	0.051	0.9 - 3.9	-	1.72	-	-	-	7.62	1.05	-	-	Clear	HydraSleeve
0089_MW127	11/03/2024	1.771	0.001	0.9 - 3.9	-	1.77	-	-	-	7.01	0.28	-303.5	-	Hydrogen sulfide	HydraSleeve
0089_MW127	29/05/2024	1.771	0.451	0.9 - 3.9	-	1.32	-	18.6	36,689	7.12	2.67	-236.4	-		HydraSleeve
0089_MW127	18/12/2024	1.771	0.101	0.9 - 3.9	4.2	1.67	2.7	22.7	35,222	7.09	1.88	-88.1	22,909	cloudy, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW127	21/03/2025	1.771	0.287	0.9 - 3.9	4.205	1.484	3.7	25.2	40,183	7.07	0.95	-279.4	26,126	Clear, pale yellow, sulfidic odour, no sheen or roots	No purge/hydrasleeve
0089_MW127	6/06/2025	1.771	0.367	0.9 - 3.9	4.107	1.404	3	21.1	63,112	7.18	5.33	-95.1	23,482	clear, colourless, low turbidity, some grey sediment, no sheen, saltwater odour	No purge/hydrasleeve
0089_MW127	9/09/2025	1.771	0.196	0.9 - 3.9	4.1	1.575	2.5	19.1	31,851	7.18	1.13	-138.5	20,717	DO:13.2%, colorless, odorless, low sediment load, no sheen, no turbidity	No purge/hydrasleeve
0089_MW128	3/08/2017	4.537	0.352	2.5 - 5.5	-	4.185	-	19.9	605	7.42	1.3	45	-		
0089_MW128	7/06/2022	4.537	0.227	2.5 - 5.5	-	4.31	-	-	-	7.28	-	-193.4	-	Unblocked	Hydrasleeve
0089_MW128	5/09/2022	4.537	0.232	2.5 - 5.5	-	4.305	-	-	866	7.42	3.55	-36.7	-	Cloudy	HandBailing
0089_MW128	12/12/2022	4.537	-	2.5 - 5.5	-	-	-	-	1,660	7.27	2.95	28	-	Cloudy	HandBailing
0089_MW128	7/06/2023	4.537	0.457	2.5 - 5.5	-	4.08	-	-	-	7.67	2.68	-53.6	-	Cloudy, Milky water	HandBailing

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW128	5/09/2023	4.537	0.237	2.5 - 5.5	-	4.3	-	-	889	7.41	-	4	-		HandBailing
0089_MW128	12/12/2023	4.537	0.017	2.5 - 5.5	-	4.52	-	-	1,288	-	2.88	-70.2	-	Brown	HydraSleeve
0089_MW128	12/03/2024	4.537	0.497	2.5 - 5.5	-	4.04	-	-	1,871	7.02	3.08	21.8	-	Clear	HydraSleeve
0089_MW128	29/05/2024	4.537	0.477	2.5 - 5.5	-	4.06	-	-	1,749	-	1.69	-84.7	-		HydraSleeve
0089_MW128	16/12/2024	4.537	0.187	2.5 - 5.5	5.55	4.35	5.5	21.6	484	7.35	1.48	-43.8	316.7	clear, colourless, no sheen, organic odour, no sediment	No purge/hydrasleeve
0089_MW128	21/03/2024	4.537	0.347	2.5 - 5.5	5.85	4.19	5.5	24	584	7.28	1.33	-93.7	379.5	Pale grey, moderately cloudy, medium sediemnt load, slightly sulfidic odour, no sheen, roots on top of HS	No purge/hydrasleeve
0089_MW128	6/06/2025	4.537	0.554	2.5 - 5.5	5.818	3.983	5.5	18.4	788	7.56	15.35	-152.6	513	cloudy white, low turbidity, some grey sediment, no sheen, no distictn odour, rootlets at top of Hydrasleeve	No purge/hydrasleeve
0089_MW128	19/09/2025	4.537	0.357	2.5 - 5.5	5.8	4.18	4.5	19.2	796	7.24	2.5	-113.5	517	White, cloudy, low sediment load, no sheen, no turbidity, strong sulfuric odour, do:20.3%	No purge/hydrasleeve
0089_MW139	1/08/2017	2.273	0.473	2 - 5	-	1.8	-	18.3	396	7.55	1.17	17	-		
0089_MW139	15/11/2019	2.273	0.095	2 - 5	-	2.178	-	21.1	3,743	7.56	-	-	2,431	No sheen, slight odour, very low sediment load	
0089_MW139	8/01/2020	2.273	0.053	2 - 5	-	2.22	-	21.9	5,072	7.69	4.01	-	-	QC101/201	
0089_MW139	30/03/2020	2.273	0.239	2 - 5	-	2.034	-	20.9	-	7.17	4.23	-	-		
0089_MW139	20/07/2020	2.273	0.453	2 - 5	-	1.82	-	17.4	11,385	-	7.99	43.5	-		
0089_MW139	22/09/2020	2.273	0.232	2 - 5	-	2.041	-	20.5	-	7.51	3.36	12.5	-	Clear	
0089_MW139	14/12/2020	2.273	0.223	2 - 5	-	2.05	-	21	6,350	7.45	2.45	15.4	-	Clear	
0089_MW139	16/03/2021	2.273	0.273	2 - 5	-	2	-	23.2	4,339	7.47	-	64.7	-	Clear	
0089_MW139	8/06/2021	2.273	0.389	2 - 5	-	1.884	-	16.9	3,013	7.71	1.92	-	-	Clear	
0089_MW139	31/08/2021	2.273	0.298	2 - 5	-	1.975	-	-	565	8.07	-	99.8	-		Hydrasleeve
0089_MW139	18/11/2021	2.273	0.232	2 - 5	-	2.041	-	-	4,228	-	0.97	12.9	-	milky, cloudy, no odour, low turbidity, no sheen	
0089_MW139	10/01/2022	2.273	0.173	2 - 5	-	2.1	-	-	1,484	8.26	-	-7	-		Hydrasleeve
0089_MW139	15/03/2022	2.273	0.269	2 - 5	-	2.004	-	-	12,140	7.59	1.5	-142.8	-	Clear	HydroSleeve
0089_MW139	8/06/2022	2.273	0.383	2 - 5	-	1.89	-	-	5,386	7.64	1.23	70.5	-	Clear	Hydrasleeve
0089_MW139	5/09/2022	2.273	0.378	2 - 5	-	1.895	-	-	839	7.9	2.34	86.6	-	Clear	HydraSleeve
0089_MW139	14/11/2022	2.273	-2.727	2 - 5	-	5	-	-	6,407	7.66	-	-20.1	-	Clear, no odour, low turbidity	Hydrasleeve
0089_MW139	12/12/2022	2.273	-	2 - 5	-	-	-	-	1,921	7.26	3.25	129.8	-	Clear	HydraSleeve
0089_MW139	15/03/2023	2.273	0.165	2 - 5	-	2.108	-	-	5,545	7.5	2.43	80.5	-		HydraSleeve
0089_MW139	7/06/2023	2.273	0.484	2 - 5	-	1.789	-	-	7,740	7.5	1.42	-27.9	-	Clear	HydraSleeve
0089_MW139	11/09/2023	2.273	0.213	2 - 5	-	2.06	-	-	4,034	7.39	1.68	-22.9	-		HydraSleeve
0089_MW139	17/11/2023	2.273	0.044	2 - 5	-	2.229	-	23.5	6,143	7.52	-	-	-	moderate sulphidic odour, very pale yellow, slightly turbid, some sediment retrieved at the bottom of the sleeve sampler	Sleeve sampler
0089_MW139	19/12/2023	2.273	0.063	2 - 5	-	2.21	-	-	3,794	7.4	1.27	-90.7	-	Clear	HydraSleeve
0089_MW139	11/03/2024	2.273	0.088	2 - 5	-	2.185	-	-	12,868	7.31	1.19	-200.1	-	QC205, QC205	HydraSleeve
0089_MW139	28/05/2024	2.273	0.328	2 - 5	-	1.945	-	-	19,363	7.23	2.04	-120.8	-		HydraSleeve
0089_MW139	25/10/2024	2.273	0.073	2 - 5	-	2.2	-	-	2,181	7.82	2.45	49.9	-	Clear, clear turbidity, nil odour	Grab
0089_MW139	15/01/2025	2.273	0.272	2 - 5	4.79	2.001	4	22.7	4,580	7.49	0.8	-72.9	2,976	Clear, colourless, no odour, no sheen, some ant eggs in the sleeve	No purge/hydrasleeve
0089_MW139	14/03/2025	2.273	0.303	2 - 5	4.785	1.97	4.2	27.3	8,364	7.48	1.09	-20.3	5,448	Clear, pale yellow, no odour, no turbidity, moderate sediment load	No purge/hydrasleeve
0089_MW139	11/06/2025	2.273	0.471	2 - 5	4.796	1.802	4	19.8	3,976	6.67	14.32	-177	2,586	clear, colourless, low turbidty, some pale yellow sediment at base of Hydrasleeve, no sheen, no odour	No purge/hydrasleeve
0089_MW139	23/09/2025	2.273	-0.913	2 - 5	5.51	3.186	4.5	23.4	610	7.9	-	29.1	396.5	Clear, colourless, no odour, no sheen, no sediment load	No purge/hydrasleeve
0089_MW141	1/08/2017	3.025	0.35	2 - 5	-	2.675	-	17	10,740	7.31	0.12	-259	-		
0089_MW141	15/11/2019	3.025	0.079	2 - 5	-	2.946	-	20	22,099	7.08	1.39	-	15,899	No sheen, pale grey, sulfuric odour, low sediment load	
0089_MW141	8/01/2020	3.025	0.045	2 - 5	-	2.98	-	21.6	25,555	7.11	1.97	-	-		
0089_MW141	30/03/2020	3.025	0.219	2 - 5	-	2.806	-	20.5	26,742	7.16	6.24	-	-		
0089_MW141	20/07/2020	3.025	0.37	2 - 5	-	2.655	-	17.7	15,605	-	5.72	-4.2	-		
0089_MW141	23/09/2020	3.025	0.166	2 - 5	-	2.859	-	19.1	28,278	7.37	1.39	-	-	Clear	
0089_MW141	14/12/2020	3.025	0.245	2 - 5	-	2.78	-	21.3	-	7.18	1.04	-180.8	-	Clear	
0089_MW141	16/03/2021	3.025	0.265	2 - 5	-	2.76	-	21.8	33,145	7.18	0.69	-246.1	-	Cloudy, sulfur odour	
0089_MW141	8/06/2021	3.025	1.352	2 - 5	-	1.673	-	19	-	7.06	0.57	-	-	Clear	
0089_MW141	31/08/2021	3.025	0.3	2 - 5	-	2.725	-	-	14,365	7.13	2.83	-161.8	-		Hydrasleeve
0089_MW141	18/11/2021	3.025	0.199	2 - 5	-	2.826	-	19.5	26,705	-	0.5	-239.9	-	very pale yellow, clear, strong sulphidic/sour odour, low turbidity, no sheen	
0089_MW141	10/01/2022	3.025	0.135	2 - 5	-	2.89	-	-	22,349	7.25	-	-177.6	-	QC 112/212	Hydrasleeve
0089_MW141	15/03/2022	3.025	0.299	2 - 5	-	2.726	-	22.1	26,489	7.11	0.84	-82.3	-	Clear	HydroSleeve
0089_MW141	8/06/2022	3.025	0.365	2 - 5	-	2.66	-	-	33,277	7	1.37	-219.5	-	Clear	Hydrasleeve
0089_MW141	5/09/2022	3.025	0.365	2 - 5	-	2.66	-	-	24,328	7.1	0.89	-203.8	-	Clear	HydraSleeve
0089_MW141	15/11/2022	3.025	-1.975	2 - 5	-	5	-	-	28,574	7.04	0.9	-	-	Clear, sulfuric odour, low turbidity.	Hydrasleeve
0089_MW141	12/12/2022	3.025	-	2 - 5	-	-	-	-	23,723	6.96	1.73	-249.2	-	Clear	HydraSleeve
0089_MW141	15/03/2023	3.025	0.126	2 - 5	-	2.899	-	-	26,283	6.91	0.83	65.8	-		HydraSleeve
0089_MW141	7/06/2023	3.025	0.561	2 - 5	-	2.464	-	-	-	7.08	1.15	-218.5	-	Clear	HydraSleeve
0089_MW141	11/09/2023	3.025	0.425	2 - 5	-	2.6	-	-	28,286	6.73	1.69	-124.4	-		HydraSleeve
0089_MW141	17/11/2023	3.025	0.008	2 - 5	-	3.017	-	-	31,050	7.15	0.59	-210.3	-	strong sulphidic odour, pale yellow, low turbidity, no sheen, very low sediment load	Sleeve sampler
0089_MW141	19/12/2023	3.025	0.03	2 - 5	-	2.995	-	-	27,346	6.83	3.06	-94.4	-	Clear	HydraSleeve
0089_MW141	11/03/2024	3.025	0.04	2 - 5	-	2.985	-	-	28,304	6.92	0.57	-198.9	-	Clear	HydraSleeve
0089_MW141	28/05/2024	3.025	0.363	2 - 5	-	2.662	-	-	34,533	6.93	1.13	-200.4	-		HydraSleeve
0089_MW141	25/10/2024	3.025	0.095	2 - 5	-	2.93	-	-	23,407	6.97	0.82	-15.2	-	Clear, clear turbidity, nil odour	Grab
0089_MW141	15/01/2025	3.025	-0.074	2 - 5	5.55	3.099	4.6	22.7	26,605	7	0.56	-89.8	17,297	Clear, colourless, no odour, no sheen	No purge/hydrasleeve
0089_MW141	14/03/2025	3.025	0.354	2 - 5	5.16	2.671	4.5	25.8	29,000	7.08	1.01	-116.4	18,847	Clear, colourless, very slight sulphidic odour, no turbidity, moderate sediment load, organic material within hs	No purge/hydrasleeve
0089_MW141	11/06/2025	3.025	0.541	2 - 5	5.152	2.484	4.5	20.9	29,344	7.55	1,320	-219.2	19,094	clear, colourless, low turbidty, low sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW141	23/09/2025	3.025	0.22	2 - 5	5.16	2.805	4	21.4	28,810	7.01	-	-230.2	18,726.5	Clear, colourless, low sediment load, sulphidic odour, no sheen	No purge/hydrasleeve
0089_MW142	1/08/2017	2.573	0.293	0.25 - 4	-	2.28	-	16.5	6,490	7.57	1.59	91	-		
0089_MW142	15/11/2019	2.573	0.034	0.25 - 4	-	2.539	-	21.2	28,355	7.19	-	-	18,415	No sheen, very pale yellow, organic odour, low sediment load	
0089_MW142	8/01/2020	2.573	0.443	0.25 - 4	-	2.13	-	21.5	24,002	7.2	2.55	-	-		
0089_MW142	30/03/2020	2.573	0.182	0.25 - 4	-	2.391	-	21.4	-	6.93	1.69	-	-		
0089_MW142	20/07/2020	2.573	0.393	0.25 - 4	-	2.18	-	17.7	16,821	-	1.74	1.3	-		
0089_MW142	23/09/2020	2.573	0.11	0.25 - 4	-	2.463	-	16.6	39,939	7.4	3.74	26	-	Clear	
0089_MW142	14/12/2020	2.573	0.213	0.25 - 4	-	2.36	-	19.3	38,842	7.27	1.89	-65.8	-		
0089_MW142	16/03/2021	2.573	0.253	0.25 - 4	-	2.32	-	23.9	-	-	0.84	-76.2	-	Yellow	
0089_MW142	8/06/2021	2.573	0.298	0.25 - 4	-	2.275	-	18.7	-	7.34	-	-	-	Brown	
0089_MW142	30/08/2021	2.573	0.235	0.25 - 4	-	2.338	-	18.3	-	-	2.18	-97.8	-	Cloudy	Hydrasleeve
0089_MW142	10/01/2022	2.573	0.083	0.25 - 4	-	2.49	-	-	28,910	7.24	2.2	-75.6	-		Hydrasleeve
0089_MW142	15/03/2022	2.573	0.298	0.25 - 4	-	2.275	-	22.1	34,445	7.24	2.27	47.4	-	Yellow	HydroSleeve
0089_MW142	8/06/2022	2.573	0.353	0.25 - 4	-	2.22	-	-	30,614	7.29	0.56	-142.5	-	Clear	Hydrasleeve
0089_MW142	5/09/2022	2.573	0.278	0.25 - 4	-	2.295	-	-	23,846	7.24	0.88	29.3	-	Cloudy	HydraSleeve
0089_MW142	12/12/2022	2.573	-	0.25 - 4	-	-	-	-	33,446	7.35	-	-131.5	-	Clear	HydraSleeve
0089_MW142	15/03/2023	2.573	0.103	0.25 - 4	-	2.47	-	-	34,518	7.03	0.52	-9.9	-		HydraSleeve
0089_MW142	7/06/2023	2.573	0.563	0.25 - 4	-	2.01	-	-	36,490	-	1.45	-41	-	Clear	HydraSleeve
0089_MW142	11/09/2023	2.573	0.203	0.25 - 4	-	2.37	-	-	30,127	6.84	4.45	-72.2	-		HydraSleeve
0089_MW142	19/12/2023	2.573	-0.022	0.25 - 4	-	2.595	-	-	32,843	7.04	1.47	-98.4	-	Clear	HydraSleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW142	11/03/2024	2.573	0.013	0.25 - 4	-	2.56	-	-	-	7	0.75	-85	-	Stagnant smell	HydraSleeve
0089_MW142	28/05/2024	2.573	0.322	0.25 - 4	-	2.251	-	-	41,275	7.08	2.73	-122.9	-		HydraSleeve
0089_MW142	15/01/2025	2.573	0.224	0.25 - 4	3.745	2.349	3.2	24.7	23,832	7.32	1.83	-72.6	15,489	Clear, colourless, no odour, no sheen	No purge/hydrasleeve
0089_MW142	14/03/2025	2.573	0.366	0.25 - 4	3.75	2.207	3.2	27.2	28,522	7.24	1.41	-7.5	18,559	Clear, pale yellow, no odour, no turbidity, low sediment load	No purge/hydrasleeve
0089_MW142	11/06/2025	2.573	0.622	0.25 - 4	3.746	1.951	3	20.6	47,174	7.44	12.98	-213.5	30,747	clear, colourless, low turbidity, some pale yellow sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW142	23/09/2025	2.573	0.173	0.25 - 4	3.75	2.4	3.5	14.6	42,289	6.44	-	-119.3	27,482	Clear, colourless, no sediment load, no odour, no sheen	No purge/hydrasleeve
0089_MW147	1/08/2017	3.423	0.373	2 - 5	-	3.05	-	19	8.31	7.15	0.11	-316	-		
0089_MW147	20/07/2020	3.423	0.513	2 - 5	-	2.91	-	17.6	13,855	-	-	-	-		
0089_MW147	15/03/2023	3.423	0.352	2 - 5	-	3.071	-	21.5	29,572	7.12	-	-66.5	-	Unblocked	HydraSleeve
0089_MW147	7/06/2023	3.423	0.528	2 - 5	-	2.895	-	-	22,197	7.1	2.24	-180.2	-	Clear	HydraSleeve
0089_MW147	11/09/2023	3.423	0.223	2 - 5	-	3.2	-	-	9,112	6.86	3.43	-32.1	-		HydraSleeve
0089_MW147	17/11/2023	3.423	0.041	2 - 5	-	3.382	-	-	14,488	7.31	-	-	-	very pale yellow, clear, some organic material, no sheen, slight sulphidic odour, low to no sediment load	Sleeve sampler
0089_MW147	19/12/2023	3.423	0.073	2 - 5	-	3.35	-	-	27,131	7.24	1.7	-248.8	-	Clear	HandBailing
0089_MW147	11/03/2024	3.423	0.063	2 - 5	-	3.36	-	-	-	7.04	1.37	-239.7	-	Well shallower than borelog. Likely sand ingress	HandBailing
0089_MW147	28/05/2024	3.423	0.4	2 - 5	-	3.023	-	-	27,068	7.12	-	-188.7	-		HydraSleeve
0089_MW147	25/10/2024	3.423	0.123	2 - 5	-	3.3	-	-	16,960	7.13	0.87	-7.8	-	Clear, clear turbidity, nil odour	Grab
0089_MW147	15/01/2025	3.423	0.69	2 - 5	5.146	2.733	4.6	24.6	15,148	7.1	1.4	-82.6	9,850	Clear, colourless, no odour, no sheen, roots present	No purge/hydrasleeve
0089_MW147	14/03/2025	3.423	0.382	2 - 5	5.505	3.041	5	25.2	23,431	7.13	0.6	-198	15,226	Very pale yellow, clear, strong sulphidic odour, no turbidity, low sediment load	No purge/hydrasleeve
0089_MW147	11/06/2025	3.423	0.571	2 - 5	5.495	2.852	5	18.7	25,153	7.03	9.72	-180.6	16,358	clear, colourless, no turbidty, some brown sediment, no sheen, no odour, some rootlets at top of Hydrasleeve	No purge/hydrasleeve
0089_MW147	23/09/2025	3.423	0.237	2 - 5	5.51	3.186	4	22	5,267	7.3	-	-160.1	3,425.5	Slightly turbid, moderate sediment load, colourless, no odour, no sheen	No purge/hydrasleeve
0089_MW149	1/08/2017	2.303	0.283	1 - 4	-	2.02	-	15.1	19,530	7.41	2.49	114	-		
0089_MW149	15/11/2019	2.303	0.037	1 - 4	-	2.266	-	19.8	35,004	7.28	0.32	-	22,757	No sheen, clear, no odour, low sediment load, some rootlets observed	
0089_MW149	8/01/2020	2.303	0.013	1 - 4	-	2.29	-	21.4	27,039	7.34	2.59	-	-		
0089_MW149	30/03/2020	2.303	0.209	1 - 4	-	2.094	-	20.3	34,240	7.31	4.5	-	-		
0089_MW149	20/07/2020	2.303	0.433	1 - 4	-	1.87	-	16.3	18,049	-	6.1	8.2	-		
0089_MW149	23/09/2020	2.303	0.103	1 - 4	-	2.2	-	13.7	42,411	7.62	6.23	141.1	-	Clear	
0089_MW149	14/12/2020	2.303	0.223	1 - 4	-	2.08	-	23.9	55,331	-	0.69	49.5	-	Clear	
0089_MW149	16/03/2021	2.303	0.243	1 - 4	-	2.06	-	-	53,451	7.39	-	73.1	-	Clear	
0089_MW149	8/06/2021	2.303	0.328	1 - 4	-	1.975	-	16.1	49,531	-	0.83	-	-	Clear	
0089_MW149	30/08/2021	2.303	0.237	1 - 4	-	2.066	-	-	51,642	7.87	5.05	50.9	-	Clear	Hydrasleeve
0089_MW149	18/11/2021	2.303	0.13	1 - 4	-	2.173	-	-	45,923	-	2	-38	-	pale orange, clear, low turbidity, no sheen	
0089_MW149	10/01/2022	2.303	0.093	1 - 4	-	2.21	-	-	41,460	-	1.71	-41.9	-		Hydrasleeve
0089_MW149	15/03/2022	2.303	0.277	1 - 4	-	2.026	-	-	52,750	7.66	2.09	-82.8	-	Clear	HydroSleeve
0089_MW149	8/06/2022	2.303	0.393	1 - 4	-	1.91	-	-	44,848	7.72	2.07	-162.3	-	Clear	Hydrasleeve
0089_MW149	5/09/2022	2.303	0.283	1 - 4	-	2.02	-	-	44,742	7.69	3.94	44.9	-	Monument below bore casing due to beach erosion.	HydraSleeve
0089_MW149	15/11/2022	2.303	-1.697	1 - 4	-	4	-	-	-	7.53	-	-121.3	-	Clear, no odour, low turbidity	Hydrasleeve
0089_MW149	12/12/2022	2.303	-	1 - 4	-	-	-	20.9	19,444	7.67	1.41	-7.9	-	Clear	HydraSleeve
0089_MW149	15/03/2023	2.303	0.247	1 - 4	-	2.056	-	-	48,864	7.44	-	27.6	-		HydraSleeve
0089_MW149	7/06/2023	2.303	0.543	1 - 4	-	1.76	-	-	50,393	-	1.76	-15.1	-	Clear	HydraSleeve
0089_MW149	11/09/2023	2.303	0.243	1 - 4	-	2.06	-	-	26,455	7.09	2.25	-22.4	-		HydraSleeve
0089_MW149	17/11/2023	2.303	-0.063	1 - 4	-	2.366	-	-	42,522	7.44	2.61	28.6	-	pale yellow, cloudy, no sheen, low to no sediment load, no odour, low turbidity	Sleeve sampler
0089_MW149	19/12/2023	2.303	-0.007	1 - 4	-	2.31	-	-	24,598	7.3	1.67	-151.1	-	Clear	HydraSleeve
0089_MW149	11/03/2024	2.303	0.018	1 - 4	-	2.285	-	-	23,802	-	0.82	-182.9	-	Clear	HydraSleeve
0089_MW149	28/05/2024	2.303	0.388	1 - 4	-	1.915	-	-	47,767	7.14	2.67	-	-		HydraSleeve
0089_MW149	25/10/2024	2.303	0.013	1 - 4	-	2.29	-	-	29,700	7.52	-	32.5	-	Clear, clear turbidity, nil odour	Grab
0089_MW149	15/01/2025	2.303	-0.347	1 - 4	4.389	2.65	4	25.7	16,982	7.25	0.86	-73.2	1,697.1	Clear, colourless, no odour, no sheen	No purge/hydrasleeve
0089_MW149	14/03/2025	2.303	0.389	1 - 4	4.38	1.914	3.8	30.5	27,746	7.39	1.8	33.9	18,035	Clear, pale yellow, no odour, no turbidity, low sediment load	No purge/hydrasleeve
0089_MW149	11/06/2025	2.303	0.78	1 - 4	4.387	1.523	4	18.1	51,373	7.06	9.87	-188.7	33,387	clear, colourless, low turbidty, no sediment, no sheen, salt water odour, rust on bottom of weight	No purge/hydrasleeve
0089_MW149	23/09/2025	2.303	0.153	1 - 4	4.385	2.15	4	20.1	29,807	7.43	-	-34.7	19,370	Clear, colourless, low sediment load, no odour, no sheen	No purge/hydrasleeve
0089_MW158	7/08/2017	14.541	0.381	-	-	14.16	-	19.1	11,380	7.39	0.18	31	-		
0089_MW158	1/11/2019	14.541	0.281	-	-	14.26	-	20.5	13,583	7.11	0.5	-	9,665.5	No sheen, clear, no odour, very low sediment load	
0089_MW158	31/03/2020	14.541	0.361	-	-	14.18	-	21.3	-	7.24	1.34	-	-		
0089_MW158	21/07/2020	14.541	0.416	-	-	14.125	-	17.1	10,131	-	6.06	41.6	-		
0089_MW158	21/09/2020	14.541	0.418	-	-	14.123	-	-	14,358	7.4	1.13	-85.8	-	Clear	
0089_MW158	14/12/2020	14.541	0.401	-	-	14.14	-	20.5	12,880	7.33	1.96	-103.8	-	Clear	
0089_MW158	15/03/2021	14.541	-1.279	-	-	15.82	-	22.4	16,445	7.3	1.49	45.6	-	Clear	
0089_MW158	10/06/2021	14.541	0.55	-	-	13.991	-	-	14,380	7.76	-	-	-	Clear	
0089_MW158	30/08/2021	14.541	-0.039	-	-	14.58	-	-	13,576	7.25	2.51	101.4	-	Clear	Hydrasleeve
0089_MW158	16/11/2021	14.541	-0.039	-	-	14.58	-	-	13,576	7.25	2.51	101.4	-		Hydrasleeve
0089_MW158	15/03/2022	14.541	0.459	-	-	14.082	-	-	15,124	7.19	-	62.8	-	Hydrasleeve didn't fill up during recovery	HandBailing
0089_MW158	7/06/2022	14.541	0.633	-	-	13.908	-	20.4	13,181	7.16	-	-	-	Clear	Hydrasleeve
0089_MW158	5/09/2022	14.541	0.42	-	-	14.121	-	-	11,811	7.28	1.67	-	-		HydraSleeve
0089_MW158	12/12/2022	14.541	-	-	-	-	-	-	-	7.28	1.53	27.5	-	Clear	HydraSleeve
0089_MW158	13/03/2023	14.541	0.289	-	-	14.252	-	-	13,868	7.26	0.97	93.1	-		HydraSleeve
0089_MW158	10/07/2023	14.541	1.404	-	-	13.137	-	-	-	7.12	-	-25.1	-	Clear, colourless, organic/swampy odour, no sheen, low to no turbidity	
0089_MW158	4/09/2023	14.541	0.361	-	-	14.18	-	-	7,198	7.33	4.1	-7.9	-		HydraSleeve
0089_MW158	12/12/2023	14.541	0.141	-	-	14.4	-	-	7,780	7.43	4.57	-81.5	-	Clear	HydraSleeve
0089_MW158	12/03/2024	14.541	-0.079	-	-	14.62	-	-	14,111	7.21	1.38	33.3	-	Clear	HydraSleeve
0089_MW158	27/05/2024	14.541	0.531	-	-	14.01	-	-	8,486	7.32	0.74	528	-		HydraSleeve
0089_MW158	12/12/2024	14.541	0.262	-	15.58	14.279	15.5	23.6	14,045	7.29	2.08	-25.9	9,135	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW158	12/03/2025	14.541	0.436		15.72	14.105	15	24.3	13,969	7.22	1.11	82.4	9,081	pale grey, nobodour, moderate turbidity, low sediment load	No purge/hydrasleeve
0089_MW158	9/06/2025	14.541	0.557	-	15.861	13.984	15	19.4	13,926	7.38	14	-190.3	9,055	clear, colourless, low turbidity, low sediment, no sheen, strong dead organic matter odour	No purge/hydrasleeve
0089_MW161	7/08/2017	17.225	0.64	-	-	16.585	-	-	3,460	7.38	0.55	114	-		
0089_MW161	1/11/2019	17.225	0.503	-	-	16.722	-	20.8	3,503	7.24	3.02	-	2,476.5	No sheen, cloudy grey-white and purged clear/colourless, no odour, low to no sediment load	
0089_MW161	21/07/2020	17.225	0.605	-	-	16.62	-	-	3,034	-	6.63	-	-		
0089_MW161	21/09/2020	17.225	0.697	-	-	16.528	-	19.4	4,048	-	1.43	44.6	-	Clear	
0089_MW161	14/12/2020	17.225	0.455	-	-	16.77	-	21.2	-	7.3	2.18	55.5	-	Brown	
0089_MW161	15/03/2021	17.225	0.525	-	-	16.7	-	22.3	3,843	7.45	1.94	56.4	-	Clear,Cloudy	
0089_MW161	10/06/2021	17.225	0.57	-	-	16.655	-	20.9	3,886	7.28	0.64	-	-	Clear	
0089_MW161	30/08/2021	17.225	2.625	-	-	14.6	-	20.2	3,193	7.46	2.71	-	-	Clear	Hydrasleeve
0089_MW161	15/11/2021	17.225	0.482	-	-	16.743	-	-	-	-	1.91	10.3	-	pale yellow, no odour, low to moderate sediment load (mulch on hydrosleeve), no sheen	
0089_MW161	16/11/2021	17.225	0.482	-	-	16.743	-	-	3,193	7.46	2.71	88.1	-		Hydrasleeve
0089_MW161	10/01/2022	17.225	0.445	-	-	16.78	-	-	3,518	7.53	2.82	-64.6	-		Hydrasleeve
0089_MW161	15/03/2022	17.225	4.609	-	-	12.616	-	22	3,893	7.34	1.1	54.5	-	Bore labelled MB42	HydroSleeve
0089_MW161	4/05/2022	17.225	0.566	-	-	16.659	-	-	3,337	-	1.9	135.6	-	Clear/colourless, no sheen, no odour, low turbidity, fines present/ cloudy	
0089_MW161	7/06/2022	17.225	0.588	-	-	16.637	-	-	3,175	7.29	8.31	-1.4	-	Clear	Hydrasleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW161	5/09/2022	17.225	0.556	-	-	16.669	-	-	3,152	7.54	3.74	17.3	-		HydraSleeve
0089_MW161	12/12/2022	17.225	-	-	-	-	-	-	2,871	7.58	2.78	-16.4	-	Clear	HydraSleeve
0089_MW161	13/03/2023	17.225	0.418	-	-	16.807	-	-	2,971	7.49	1.9	89.8	-		HydraSleeve
0089_MW161	9/05/2023	17.225	0.451	-	-	16.774	-	-	2,953	7.31	1.16	92	-	Light grey, no sheen, no odour, moderate turbidity	Hydrasleeve
0089_MW161	10/07/2023	17.225	0.552	-	-	16.673	-	-	2,082	-	11.35	62.7	-	Very pale yellow, cloudy, no sheen, no odour, moderate turbidity, 15 min air bubbles in line, sediment found in blocking pump	
0089_MW161	4/09/2023	17.225	0.519	-	-	16.706	-	-	-	7.52	3.27	-12.2	-		HydraSleeve
0089_MW161	15/11/2023	17.225	0.281	-	-	16.944	-	-	3,008	7.64	5.48	120.6	-	HS weight lost down well, pale yellow, cloudy, low sediment load, no sheen, no odour ??????????	Sleeve sampler
0089_MW161	12/03/2024	17.225	0.36	-	-	16.865	-	22.7	3,124	7.44	1.71	-	-	Clear	HydraSleeve
0089_MW161	16/05/2024	17.225	0.624	-	-	16.601	-	-	3,153	7.57	4.64	-	-	Pale grey/yellow, moderate turbidity, no odour, no sheen	Sleeve sampler
0089_MW161	13/06/2024	17.225	0.726	-	-	16.499	-	20	2,960	-	2.66	32	-		
0089_MW161	24/10/2024	17.225	0.425	-	-	16.8	-	-	3,061	7.53	2.95	-	-	Clear, clear turbidity, nil odour	Grab
0089_MW161	12/12/2024	17.225	0.385	-	18.17	16.84	17.2	23.7	3,095	7.32	2.95	-23.4	2,013	pale brown, cloudy, no sheen, no odour, minor sediment	No purge/hydrasleeve
0089_MW161	12/03/2025	17.225	0.565	-	18.345	16.66	17.5	22.4	3,252	7.48	2.95	80.4	2,115	pale grey, moderate organic odour, roots on HS, low to moderate turbidity, low sediment load	No purge/hydrasleeve
0089_MW161	21/03/2025	17.225	0.565	-	-	16.66	-	25.6	3,275	7.68	3.9	155	-		Grab
0089_MW161	9/06/2025	17.225	0.698	-	18.335	16.527	17	20.4	3,174	7.53	6.52	-121.4	2,064	Clear, colourless, low turbidity, no sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW161	23/09/2025	17.225	0.968	-	17.18	16.257	17	21.9	4,099	7.48	-	26.7	2,658	Pale brown, slightly turbid, low sediment load, no odour, no sheen	No purge/hydrasleeve
0089_MW166	7/08/2017	11.89	0.67	10 - 13	-	11.22	-	-	3,210	6.6	0.1	93	-		
0089_MW166	1/11/2019	11.89	0.492	10 - 13	-	11.398	-	21.9	3,547	7.21	1.59	-	2,450.5	No sheen, cloudy white, no odour, bubbles on top	
0089_MW166	1/04/2020	11.89	0.63	10 - 13	-	11.26	-	18.3	4,328	-	2.53	-	-		
0089_MW166	21/07/2020	11.89	0.695	10 - 13	-	11.195	-	17.4	3,556	-	4.1	29.7	-		
0089_MW166	22/09/2020	11.89	0.596	10 - 13	-	11.294	-	16.5	3,972	7.72	10.72	86.1	-	Clear	
0089_MW166	14/12/2020	11.89	0.61	10 - 13	-	11.28	-	19.8	3,668	-	1.36	-36.3	-	Hand bailed. Not enough water for hydrasleeve	
0089_MW166	15/03/2021	11.89	0.595	10 - 13	-	11.295	-	26	5,043	7.41	1.74	28.8	-		
0089_MW166	10/06/2021	11.89	-0.2	10 - 13	-	12.09	-	19.2	5,572	7.53	2.44	-	-	Clear	
0089_MW166	30/08/2021	11.89	0.14	10 - 13	-	11.75	-	-	3,888	7.4	1.07	43.5	-	Cloudy,Clear	Hydrasleeve
0089_MW166	15/11/2021	11.89	0.195	10 - 13	-	11.695	-	-	3,820	7.55	2.94	11.7	-	pale brown, no odour, moderate to high turbidity, no sheen	
0089_MW166	16/11/2021	11.89	0.195	10 - 13	-	11.695	-	-	3,888	7.4	1.07	43.5	-		Hydrasleeve
0089_MW166	10/01/2022	11.89	0.56	10 - 13	-	11.33	-	-	3,798	7.37	2.13	-84.1	-		Hydrasleeve
0089_MW166	15/03/2022	11.89	0.688	10 - 13	-	11.202	-	-	4,681	7.36	1.31	56.7	-	Clear	HydroSleeve
0089_MW166	4/05/2022	11.89	0.622	10 - 13	-	11.268	-	19	4,992	7.46	1.6	145.3	-	Clear/colourless, no sheen, no odour, low turbidity	
0089_MW166	7/06/2022	11.89	0.697	10 - 13	-	11.193	-	-	3,170	7.34	8.84	-67.6	-	Clear	Hydrasleeve
0089_MW166	5/09/2022	11.89	0.615	10 - 13	-	11.275	-	-	3,797	7.41	1.16	43.3	-		HydraSleeve
0089_MW166	12/12/2022	11.89	-	10 - 13	-	-	-	-	-	-	3.26	-19.2	-	Clear	HydraSleeve
0089_MW166	13/03/2023	11.89	0.577	10 - 13	-	11.313	-	-	3,901	7.29	3.2	86.9	-		HydraSleeve
0089_MW166	9/05/2023	11.89	0.675	10 - 13	-	11.215	-	-	3,932	-	2.37	81.8	-	Light grey, no sheen, no odour, moderate turbidity	Hydrasleeve
0089_MW166	10/07/2023	11.89	0.685	10 - 13	-	11.205	-	-	3,162	7.36	3.03	54.3	-	Very slightly cloudy (clear at 5 min), colourless, no odour, no sheen, low turbidity	
0089_MW166	4/09/2023	11.89	0.655	10 - 13	-	11.235	-	-	3,749	7.34	4.08	-	-		HydraSleeve
0089_MW166	15/11/2023	11.89	0.417	10 - 13	-	11.473	-	-	4,113	7.43	4.34	136.8	-	pale orange/yellow, cloudy, no odour, no sheen, low sediment load	Sleeve sampler
0089_MW166	12/12/2023	11.89	0.36	10 - 13	-	11.53	-	-	4,283	7.2	2.62	-	-	Clear	HydraSleeve
0089_MW166	12/03/2024	11.89	0.52	10 - 13	-	11.37	-	-	4,912	7.22	-	29.6	-	Sand ingress. Bailer used for shallow water (purged first)	HandBailing
0089_MW166	16/05/2024	11.89	0.785	10 - 13	-	11.105	-	-	5,323	-	-	-76.4	-	Brown, turbid, no odour, no sheen, YSI oxygen probe malfunction (no DO recorded)	Sleeve sampler
0089_MW166	27/05/2024	11.89	0.785	10 - 13	-	11.105	-	-	4,282	7.38	1.43	17.9	-		HydraSleeve
0089_MW166	12/06/2024	11.89	0.93	10 - 13	-	10.96	-	-	3,938	7.11	0.09	-0.6	-		
0089_MW166	12/12/2024	11.89	0.49	10 - 13	12.37	11.4	12.3	22.4	4,506	7.18	3.74	-26	2,929	pale brown, cloudy, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW166	12/03/2025	11.89	0.692	10 - 13	12.32	11.198	11.5	23	5,519	7.29	1.82	100.3	3,591	pale brown, no odour, low to moderate turbidity, low sediment load	No purge/hydrasleeve
0089_MW166	9/06/2025	11.89	0.798	10 - 13	12.605	11.092	12	19.7	5,935	7.42	8.26	-100.6	3,858	clear, slight yellow tinger, low turbidity, low sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW166	23/09/2025	11.89	0.64	10 - 13	12.28	11.25	12	19.4	425.6	7.26	-	37.1	2,769	Pale orange/brown, turbid, high sediment load, no odour, no sheen (DO 17.1%)	Bailer
0089_MW171	7/08/2017	29.238	0.558	28.5 - 31.5	-	28.68	-	18.2	6,558	7.31	0.31	-276	-		
0089_MW171	30/10/2019	29.238	0.314	28.5 - 31.5	-	28.924	-	21.4	7,503	7.31	1.93	-	-	No sheen, cloudy light brown, no odour, high sediment load	
0089_MW171	1/04/2020	29.238	0.688	28.5 - 31.5	-	28.55	-	20.7	14,371	7.25	6.2	-	-		
0089_MW171	21/07/2020	29.238	0.758	28.5 - 31.5	-	28.48	-	17.9	3,785	-	2.53	-44.2	-		
0089_MW171	14/12/2020	29.238	0.688	28.5 - 31.5	-	28.55	-	19.3	6,683	7.11	-	-219.2	-	Hydrocarbon like odour	
0089_MW171	15/03/2021	29.238	0.688	28.5 - 31.5	-	28.55	-	25.9	8,569	7.32	1.26	-226.5	-	Cloudy, sulfur odour	
0089_MW171	10/06/2021	29.238	0.846	28.5 - 31.5	-	28.392	-	-	15,776	-	-	-	-	Clear	
0089_MW171	30/08/2021	29.238	0.638	28.5 - 31.5	-	28.6	-	-	10,080	7.3	-	-117.4	-	Clear	Hydrasleeve
0089_MW171	15/11/2021	29.238	0.449	28.5 - 31.5	-	28.789	-	-	6,690	7.47	0.74	-9.8	-		
0089_MW171	16/11/2021	29.238	0.449	28.5 - 31.5	-	28.789	-	-	10,080	7.3	2.14	-117.4	-		Hydrasleeve
0089_MW171	10/01/2022	29.238	0.598	28.5 - 31.5	-	28.64	-	-	13,570	7.31	0.88	67	-		Hydrasleeve
0089_MW171	15/03/2022	29.238	0.787	28.5 - 31.5	-	28.451	-	-	13,905	7.36	0.59	-212.7	-	Clear	HydroSleeve
0089_MW171	4/05/2022	29.238	0.708	28.5 - 31.5	-	28.53	-	-	17,398	-	0.7	-19.2	-	Clear/colourless, no sheen, no odour, low turbidity	
0089_MW171	7/06/2022	29.238	0.897	28.5 - 31.5	-	28.341	-	19.9	12,891	7.16	16.23	-205.3	-	Clear	Hydrasleeve
0089_MW171	5/09/2022	29.238	0.7	28.5 - 31.5	-	28.538	-	18.8	-	-	4.88	71.3	-		HydraSleeve
0089_MW171	12/12/2022	29.238	-	28.5 - 31.5	-	-	-	-	14,483	7.19	0.91	-157.9	-	Clear	HydraSleeve
0089_MW171	13/03/2023	29.238	0.913	28.5 - 31.5	-	28.325	-	-	16,011	-	1.87	84.1	-	Clear	HydraSleeve
0089_MW171	9/05/2023	29.238	0.721	28.5 - 31.5	-	28.517	-	19.4	7,168	7.41	1.24	80.2	-	Clear/colourless, no sheen, no odour, low turbidity	Hydrasleeve
0089_MW171	10/07/2023	29.238	0.518	28.5 - 31.5	-	28.72	-	19.5	5,980	-	-	-	-	High turbidity (clear at 20 min) , no odour, no sheen, pale yellow-brown	
0089_MW171	4/09/2023	29.238	0.478	28.5 - 31.5	-	28.76	-	-	6,989	7.31	2.36	-	-		HydraSleeve
0089_MW171	15/11/2023	29.238	0.253	28.5 - 31.5	-	28.985	-	-	7,842	7.45	1.62	117.7	-	clear, colourless, no odour, no sheen, slight turbidity, some sediment retrieved in the bottom of the sleeve sampler	Sleeve sampler
0089_MW171	12/12/2023	29.238	0.738	28.5 - 31.5	-	28.5	-	-	13,052	7.32	3.01	-64.9	-	Clear	HydraSleeve
0089_MW171	12/03/2024	29.238	0.583	28.5 - 31.5	-	28.655	-	-	12,765	7.36	0.75	-238.3	-	Stagnant smell	HydraSleeve
0089_MW171	15/05/2024	29.238	0.543	28.5 - 31.5	-	28.695	-	-	7,594	7.35	2.91	-0.1	-	Colourless, clear, no odour, no sheen, organic matter present	Sleeve sampler
0089_MW171	27/05/2024	29.238	0.543	28.5 - 31.5	-	28.695	-	-	4,853	7.5	1.53	7.1	-		HydraSleeve
0089_MW171	24/10/2024	29.238	0.738	28.5 - 31.5	-	28.5	-	-	6,056	7.39	1.5	51.1	-	Clear, clear turbidity, nil odour	Grab
0089_MW171	12/12/2024	29.238	0.368	28.5 - 31.5	31.8	28.87	29.5	23.8	6,504	7.19	1.39	-27.8	4,236	Clear, colourless, no sheen, no odour, minor sediment	No purge/hydrasleeve
0089_MW171	12/03/2025	29.238	0.54	28.5 - 31.5	32.01	28.698	31.5	22.4	7,037	7.4	2.39	73.5	4,577	Clear, colourless, slight organic odour, no turbidity, low sediment load	No purge/hydrasleeve
0089_MW171	21/03/2025	29.238	0.54	28.5 - 31.5	-	28.698	-	23.1	4,992	3.06	7.62	141.4	-		Grab
0089_MW171	9/06/2025	29.238	0.671	28.5 - 31.5	31.924	28.567	30	20.6	7,388	7.44	6.66	-92.5	4,804	clear, colourless, no turbidity, no sediment, no odour or sheen	No purge/hydrasleeve
0089_MW171	23/09/2025	29.238	13.238	28.5 - 31.5	31.5	16	30	20.4	6,312	7.31	2.4	51	4,101.5	Pale white, cloudy/slighly turbid, no odour, no sheen	No purge/hydrasleeve
0089_MW173	9/08/2017	10.08	0.505	-	-	9.575	-	19.2	5,690	7.36	0.16	-138	-		
0089_MW173	15/11/2019	10.08	0.35	-	-	9.73	-	-	4,505	7.56	10.41	-	3,081	No sheen, pale brown-grey, no odour, medium sediment load	
0089_MW173	31/03/2020	10.08	0.68	-	-	9.4	-	23	7,064	-	1.82	-	-		
0089_MW173	22/07/2020	10.08	0.55	-	-	9.53	-	20.2	3,765	7.59	5.35	-201	-		
0089_MW173	16/03/2021	10.08	0.485	-	-	9.595	-	24.6	3,586	-	1.5	-1,900	-	Clear	
0089_MW173	10/06/2021	10.08	0.609	-	-	9.471	-	21.8	4,549	7.23	-	-	-	Brown	

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW173	15/11/2021	10.08	0.384	-	-	9.696	-	-	2,657	7.18	0.8	-43	-	grey, organic odour, moderate turbidity, black sediment, no sheen	
0089_MW173	15/03/2022	10.08	0.55	-	-	9.53	-	-	-	7.37	1.85	57.9	-	Clear	HandBailing
0089_MW173	4/05/2022	10.08	0.521	-	-	9.559	-	-	4,335	7.29	1	-	-	Clear/colourless, no sheen, no odour, low turbidity	
0089_MW173	8/06/2022	10.08	0.58	-	-	9.5	-	-	4,602	7.31	1.43	-164.6	-	Clear	Hydrasleeve
0089_MW173	5/09/2022	10.08	0.481	-	-	9.599	-	-	3,927	7.63	7.69	-	-		HydraSleeve
0089_MW173	18/11/2022	10.08	0.374	-	-	9.706	-	-	4,533	7.53	2.45	-79.4	-	Pale yellow, no sheen, no odour, low turbidity	Hydrasleeve
0089_MW173	12/12/2022	10.08	-	-	-	-	-	-	3,335	7.08	2.96	44.7	-	Clear	HydraSleeve
0089_MW173	13/03/2023	10.08	0.466	-	-	9.614	-	-	3,690	7	0.86	62.7	-		HydraSleeve
0089_MW173	9/05/2023	10.08	0.506	-	-	9.574	-	-	3,527	-	1.27	102.4	-	Clear/colourless, no sheen, no odour, low turbidity	Hydrasleeve
0089_MW173	6/06/2023	10.08	0.693	-	-	9.387	-	17.7	3,760	7.2	1.85	80.6	-	Clear	HydraSleeve
0089_MW173	5/07/2023	10.08	0.522	-	-	9.558	-	-	5,319	7.34	3	-98.9	-	Clear, no odour, no sheen, no turbidity, no sediment	
0089_MW173	4/09/2023	10.08	0.45	-	-	9.63	-	-	-	7.16	2.2	-50.6	-		HydraSleeve
0089_MW173	14/11/2023	10.08	0.281	-	-	9.799	-	-	4,163	7.12	1.18	-	-	clear, colourless, no sheen, no odour, no sediment load	Sleeve sampler
0089_MW173	13/12/2023	10.08	0.265	-	-	9.815	-	-	3,312	7.24	2.56	-41	-	Clear	HydraSleeve
0089_MW173	13/03/2024	10.08	0.33	-	-	9.75	-	-	2,623	7.18	2.92	30.7	-	Clear	HydraSleeve
0089_MW173	16/05/2024	10.08	0.565	-	-	9.515	-	-	3,314	7.43	4.16	76.9	-	Pale yellow/green, low turbidity, no odour, no sheen, very low sediment load	Sleeve sampler
0089_MW173	27/05/2024	10.08	0.565	-	-	9.515	-	-	3,492	7.45	3.64	52.1	-		HydraSleeve
0089_MW173	22/10/2024	10.08	0.38	-	-	9.7	-	-	-	7.12	1.11	42.6	-	Clear, low turbidity, nil odour	Grab
0089_MW173	12/12/2024	10.08	0.395	-	11.32	9.685	10.3	27	4,403	7.03	0.77	-36.9	2,869	Clear, colourless, no sheen, no odour, no sediment load	No purge/hydrasleeve
0089_MW173	10/03/2025	10.08	0.38	-	-	9.7	-	-	4,917	7.13	2.71	149.5	-		Grab
0089_MW173	20/03/2025	10.08	0.545	-	11.31	9.535	10.8	23.3	4,303	7.14	3.62	68.6	2,797	Clear, colourless, slightly organic odour, low sed load, no sheen	No purge/hydrasleeve
0089_MW173	10/06/2025	10.08	0.653	-	11.386	9.427	10	19.8	4,806	7.23	8.19	-635.2	3,125	clear, very pale yellow, low turbidity, no sediment, no sheen, no odour, small rootlets	No purge/hydrasleeve
0089_MW173	18/09/2025	10.08	0.479	-	11.341	9.601	10	22.9	4,500	7.06	1.81	-96.5	2,926	Strong sulfuric smell, low sediment load, pake yellow, no sheen, do:21.6% no turbidity	No purge/hydrasleeve
0089_MW193	8/08/2017	11.86	0.63	10.5 - 13.5	-	11.23	-	19.7	3,330	7.34	0.17	191	-		
0089_MW193	28/10/2019	11.86	0.395	10.5 - 13.5	-	11.465	-	20.7	3,023	6.92	-	-	-	No sheen, pale grey, purged to clear, no odour, medium to high sediment load	
0089_MW193	8/01/2020	11.86	0.46	10.5 - 13.5	-	11.4	-	20.5	3,789	6.97	1.52	-	-	Bore not labelled	
0089_MW193	31/03/2020	11.86	0.67	10.5 - 13.5	-	11.19	-	-	4,411	-	2.47	-	-		
0089_MW193	15/07/2020	11.86	0.76	10.5 - 13.5	-	11.1	-	19	3,925	-	5.88	-49.2	-		
0089_MW193	16/12/2020	11.86	0.56	10.5 - 13.5	-	11.3	-	-	3,257	-	1.42	-116.7	-	Clear,Black	
0089_MW193	16/03/2021	11.86	0.06	10.5 - 13.5	-	11.8	-	26.8	3,820	7.23	1.14	-119	-	Clear	
0089_MW193	10/06/2021	11.86	0.73	10.5 - 13.5	-	11.13	-	20.7	3,135	-	0.23	-	-	Cloudy	
0089_MW193	30/08/2021	11.86	0.55	10.5 - 13.5	-	11.31	-	-	3,759	7.33	-	-	-	Black	Hydrasleeve
0089_MW193	16/11/2021	11.86	0.55	10.5 - 13.5	-	11.31	-	-	3,759	7.33	-	-86.2	-		Hydrasleeve
0089_MW193	10/01/2022	11.86	0.571	10.5 - 13.5	-	11.289	-	-	3,540	-	1.08	-132.8	-	Grey slight odour and quite turbid	Hydrasleeve
0089_MW193	15/03/2022	11.86	0.655	10.5 - 13.5	-	11.205	-	-	4,066	7.48	1.38	-	-	Cloudy	HandBailing
0089_MW193	7/06/2022	11.86	1.018	10.5 - 13.5	-	10.842	-	-	4,079	-	2.52	-286.6	-		Hydrasleeve
0089_MW193	5/09/2022	11.86	0.611	10.5 - 13.5	-	11.249	-	-	3,201	7.37	1.09	-237.7	-	Hydrocarbon	HydraSleeve
0089_MW193	12/12/2022	11.86	-	10.5 - 13.5	-	-	-	20.5	2,379	7.23	1.75	22.5	-	Clear	HydraSleeve
0089_MW193	13/03/2023	11.86	0.55	10.5 - 13.5	-	11.31	-	-	3,166	7.28	-	53.6	-		HydraSleeve
0089_MW193	6/06/2023	11.86	0.823	10.5 - 13.5	-	11.037	-	-	3,676	-	2.15	-	-	Clear	HydraSleeve
0089_MW193	4/09/2023	11.86	0.58	10.5 - 13.5	-	11.28	-	-	1,741	7.38	3.71	-20.8	-		HydraSleeve
0089_MW193	13/12/2023	11.86	0.38	10.5 - 13.5	-	11.48	-	21.6	2,749	-	2.74	-21.5	-	Cloudy	HydraSleeve
0089_MW193	12/03/2024	11.86	0.49	10.5 - 13.5	-	11.37	-	-	5,286	7.53	2.26	18.7	-	Cloudy	HydraSleeve
0089_MW193	27/05/2024	11.86	2.478	10.5 - 13.5	-	9.382	-	-	-	7.69	-	59.7	-		HydraSleeve
0089_MW193	12/12/2024	11.86	0.471	10.5 - 13.5	12.5	11.389	12.5	24.5	1,905	6.97	1.91	-30.3	1,239	Colourless, cloudy, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW193	18/03/2025	11.86	0.68	10.5 - 13.5	12.36	11.18	11.8	24.3	2,540	7.25	2.33	35.2	1,651	Clear, colourless, low sed load, sulfidic odour, no roots, no sheen	No purge/hydrasleeve
0089_MW193	10/06/2025	11.86	0.789	10.5 - 13.5	12.412	11.071	12	19.8	2,341	7.49	6.88	-622.9	1,522	clear, colourless, low turbidity, some sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW193	18/09/2025	11.86	0.51	10.5 - 13.5	12.5	11.35	11.5	20.4	1,225	7.28	3.27	-99.5	1,225	Clear, low sediment load, strong sulfuric odor, no sheen, no turbidity, do:34.2%	No purge/hydrasleeve
0089_MW195D	9/08/2017	4.363	0.448	10 - 13	-	3.915	-	19	21,260	7.42	0.01	-169	-		
0089_MW195D	28/10/2019	4.363	0.188	10 - 13	-	4.175	-	20.7	26,949	7.27	0.66	-	19,038	No sheen, milky grey, no odour, medium sediment load	
0089_MW195D	8/01/2020	4.363	0.023	10 - 13	-	4.34	-	20.5	17,425	7.9	-	-	-	Bore labelled MW292_D	
0089_MW195D	31/03/2020	4.363	0.179	10 - 13	-	4.184	-	21.9	25,679	7.47	0.44	-	-		
0089_MW195D	15/07/2020	4.363	0.363	10 - 13	-	4	-	19.9	17,155	7.68	0.81	-52.7	-		
0089_MW195D	21/09/2020	4.363	0.129	10 - 13	-	4.234	-	20.3	35,243	7.18	-	37.3	-	Cloudy,Black,Brown	
0089_MW195D	16/12/2020	4.363	0.133	10 - 13	-	4.23	-	21.2	34,195	7.43	1.25	-	-	Clear,Cloudy	
0089_MW195D	16/03/2021	4.363	0.193	10 - 13	-	4.17	-	23.5	30,467	7.5	-	-135	-	Clear	
0089_MW195D	9/06/2021	4.363	0.308	10 - 13	-	4.055	-	-	-	8	2.91	-	-	Cloudy	
0089_MW195D	30/08/2021	4.363	0.093	10 - 13	-	4.27	-	-	30,466	7.5	0.97	-94.9	-		Hydrasleeve
0089_MW195D	15/11/2021	4.363	0.293	10 - 13	-	4.07	-	-	27,836	7.29	1.42	-38.3	-	cloudy white, moderate turbidity, no sheen	
0089_MW195D	16/11/2021	4.363	0.293	10 - 13	-	4.07	-	-	30,466	7.5	0.97	-94.9	-		Hydrasleeve
0089_MW195D	10/01/2022	4.363	0.103	10 - 13	-	4.26	-	-	31,589	7.53	0.96	-134.9	-		Hydrasleeve
0089_MW195D	15/03/2022	4.363	0.234	10 - 13	-	4.129	-	-	32,683	6.79	0.71	-104.5	-	Clear	HydroSleeve
0089_MW195D	4/05/2022	4.363	0.438	10 - 13	-	3.925	-	-	26,279	7.26	0.6	31	-	Cloudy/colourless , no sheen, no odour, high turbidity, fines present/ cloudy	
0089_MW195D	7/06/2022	4.363	0.833	10 - 13	-	3.53	-	-	32,780	7.28	11.71	-76.2	-		Hydrasleeve
0089_MW195D	5/09/2022	4.363	0.217	10 - 13	-	4.146	-	-	23,420	7.35	7.54	0.5	-		HydraSleeve
0089_MW195D	18/11/2022	4.363	0.28	10 - 13	-	4.083	-	-	2,458	7.59	1.87	-50.4	-	Grey, no sheen, no odour, high turbidity, high clay and silt content	Hydrasleeve
0089_MW195D	12/12/2022	4.363	-	10 - 13	-	-	-	-	37,788	7.37	1.5	-54.9	-	Clear	HydraSleeve
0089_MW195D	13/03/2023	4.363	0.221	10 - 13	-	4.142	-	-	24,740	7.12	-	-149.5	-		HydraSleeve
0089_MW195D	9/05/2023	4.363	0.483	10 - 13	-	3.88	-	-	25,903	7.33	1.14	-41.6	-	Light grey, no sheen, no odour, high turbidity	Hydrasleeve
0089_MW195D	6/06/2023	4.363	0.405	10 - 13	-	3.958	-	-	32,740	7.45	0.94	-126.6	-	Clear	HydraSleeve
0089_MW195D	4/07/2023	4.363	0.45	10 - 13	-	3.913	-	-	24,998	7.43	-	-58.6	-	Very turbid, cloudy, white/milky, no odour, no sheen	
0089_MW195D	4/09/2023	4.363	0.373	10 - 13	-	3.99	-	20.3	26,144	7.35	1.86	-59.2	-		HydraSleeve
0089_MW195D	15/11/2023	4.363	0.198	10 - 13	-	4.165	-	-	23,801	7.44	1.47	-14	-	very pale yellow/white, cloudy, no sheen, no odour, medium sediment load	Sleeve sampler
0089_MW195D	13/12/2023	4.363	0.193	10 - 13	-	4.17	-	-	14,835	7.43	1.95	-	-	Clear	HydraSleeve
0089_MW195D	12/03/2024	4.363	0.063	10 - 13	-	4.3	-	-	26,663	7.45	1.81	-	-	Clear	HydraSleeve
0089_MW195D	16/05/2024	4.363	0.493	10 - 13	-	3.87	-	-	14,237	7.2	2.26	120.7	-	Pale yellow/brown, low to moderate turbidity, no odour, no sheen	Sleeve sampler
0089_MW195D	27/05/2024	4.363	0.493	10 - 13	-	3.87	-	-	53,365	7.64	-	-57.9	-		HydraSleeve
0089_MW195D	21/10/2024	4.363	0.293	10 - 13	-	4.07	-	21.8	3,906	7.49	1.94	-	-	Clear, clear turbidity, nil odour	Grab
0089_MW195D	12/12/2024	4.363	0.283	10 - 13	12.37	4.08	11	27.3	24,365	7.2	0.57	-26	15,686	Colourless, cloudy, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW195D	7/03/2025	4.363	0.213	10 - 13	-	4.15	-	-	20,283	7.61	2.45	-	-		Grab
0089_MW195D	19/03/2025	4.363		10 - 13	12.37	3.885	11.8	22.2	24,123	7.31	1.65	-45.1	-	Cloudy pale grey, colourless, suldific odour, medium sediment load	No purge/hydrasleeve
0089_MW195D	1/04/2025	4.363	0.213	10 - 13	-	4.15	-	-	-	6.2	2.7	232.1	-		Grab
0089_MW195D	10/06/2025	4.363	0.605	10 - 13	12.375	3.758	11	20.5	24,123	6.71	6.66	-183.9	15,689	clear colourless, no turbidty, light grey sediment at base of Hydrasleeve, no sheen, no odour	No purge/hydrasleeve
0089_MW195D	18/09/2025	4.363	0.423	10 - 13	12.36	3.94	12	18	24,880	7.27	1.66	-123.9	16,176	Pale white, low sediment load, no sheen, no turbidity, slight sulfuric odour, do: 15.2%	No purge/hydrasleeve
0089_MW195S	9/08/2017	4.571	0.441	3.5 - 6.5	-	4.13	-	19.7	1,724	7.16	0.01	-242	-		
0089_MW195S	8/01/2020	4.571	0.261	3.5 - 6.5	-	4.31	-	21.2	4,526	7.24	3.17	-	-	Bore labelled MW292_I	

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW195S	31/03/2020	4.571	0.411	3.5 - 6.5	-	4.16	-	-	4,976	7.36	2.52	-	-		
0089_MW195S	15/07/2020	4.571	0.571	3.5 - 6.5	-	4	-	19.7	4,189	7.35	1.39	33.3	-	MW195-S	
0089_MW195S	21/09/2020	4.571	0.385	3.5 - 6.5	-	4.186	-	20.4	9,189	7.06	0.38	-8	-	Black,Brown,Cloudy	
0089_MW195S	16/12/2020	4.571	0.386	3.5 - 6.5	-	4.185	-	21.2	4,742	7.31	3.05	-30.2	-	Clear	
0089_MW195S	16/03/2021	4.571	0.771	3.5 - 6.5	-	3.8	-	-	5,102	7.28	2.85	-	-	Clear	
0089_MW195S	9/06/2021	4.571	0.516	3.5 - 6.5	-	4.055	-	18.9	5,810	7.78	2.54	-	-	Cloudy	
0089_MW195S	30/08/2021	4.571	0.401	3.5 - 6.5	-	4.17	-	19.9	5,972	7.32	1.88	1	-	Clear	Hydrasleeve
0089_MW195S	16/11/2021	4.571	0.358	3.5 - 6.5	-	4.213	-	-	-	7.32	1.88	1	-		Hydrasleeve
0089_MW195S	10/01/2022	4.571	0.361	3.5 - 6.5	-	4.21	-	-	-	7.37	1.66	1.9	-		Hydrasleeve
0089_MW195S	15/03/2022	4.571	0.496	3.5 - 6.5	-	4.075	-	-	5,711	7.14	0.95	-	-	Clear	HydroSleeve
0089_MW195S	7/06/2022	4.571	1.084	3.5 - 6.5	-	3.487	-	20.9	5,194	7.21	17.16	-	-	QC111/QC211	Hydrasleeve
0089_MW195S	5/09/2022	4.571	0.481	3.5 - 6.5	-	4.09	-	-	-	7.25	1.31	29	-		HydraSleeve
0089_MW195S	12/12/2022	4.571	-	3.5 - 6.5	-	-	-	21.4	5,723	7.25	1.37	-9.5	-	Clear	HydraSleeve
0089_MW195S	13/03/2023	4.571	0.366	3.5 - 6.5	-	4.205	-	-	4,419	7.22	1.22	34.5	-	Clear	HydraSleeve
0089_MW195S	6/06/2023	4.571	1.166	3.5 - 6.5	-	3.405	-	-	4,148	7.08	-	0.4	-	Clear	HydraSleeve
0089_MW195S	12/03/2024	4.571	0.301	3.5 - 6.5	-	4.27	-	-	3,730	7.17	3.8	-	-	Clear	HydraSleeve
0089_MW195S	27/05/2024	4.571	0.589	3.5 - 6.5	-	3.982	-	-	9,089	7.39	4.29	-	-		HydraSleeve
0089_MW195S	7/03/2025	4.571	0.431	3.5 - 6.5	-	4.14	-	-	4,371	-	3.74	35.8	-		Grab
0089_MW196	8/08/2017	12.75	0.294	-	-	12.456	-	20	548	-	3.26	63	-		
0089_MW196	29/10/2019	12.75	0.08	-	-	12.67	-	21.5	622	7.57	-	-	435.5	No sheen, slight yellow tinge, no odour, very low sediment load	
0089_MW196	2/04/2020	12.75	0.246	-	-	12.504	-	21.2	632	7.75	7.13	-	-		
0089_MW196	22/07/2020	12.75	0.35	-	-	12.4	-	20.4	876	7.71	5.29	-	-		
0089_MW196	24/09/2020	12.75	0.215	-	-	12.535	-	18.6	746	-	7.38	35.3	-	Clear,Cloudy	
0089_MW196	16/12/2020	12.75	0.25	-	-	12.5	-	20.6	614	7.64	2.26	-15.1	-	Clear	
0089_MW196	10/06/2021	12.75	0.39	-	-	12.36	-	20.8	690	8.32	4.27	-	-	Clear	
0089_MW196	30/08/2021	12.75	0.31	-	-	12.44	-	-	652	8.1	4.68	-148.7	-	Clear,Cloudy	HandBailing
0089_MW196	16/11/2021	12.75	0.31	-	-	12.44	-	-	652	8.1	4.68	-148.7	-		HandBailing
0089_MW196	14/03/2022	12.75	0.328	-	-	12.422	-	-	620	7.93	4.09	131.1	-	Hydrasleeve didn't fill up during recovery	HandBailing
0089_MW196	6/09/2022	12.75	0.374	-	-	12.376	-	-	605	7.73	4.19	125.4	-		HydraSleeve
0089_MW196	13/12/2022	12.75	-	-	-	-	-	-	925	-	7.37	122.5	-	Clear	HydraSleeve
0089_MW196	13/03/2023	12.75	0.27	-	-	12.48	-	-	617	7.79	5.2	116.8	-	Cloudy	HydraSleeve
0089_MW196	5/07/2023	12.75	0.325	-	-	12.425	-	-	-	7.64	10.1	-71.2	-	Cloudy (clear at 9 min), no odour, no sheen, moderate turbidity (no turb at 9 min), moderate sediment (low sed at 9 min)	
0089_MW196	12/03/2024	12.75	0.14	-	-	12.61	-	-	662	7.65	4.05	34.5	-	Cloudy,Brown	HydraSleeve
0089_MW196	12/12/2024	12.75	0.214	-	13.6	12.536	13.6	26.2	599	7.43	4.01	-14.9	389.6	pale brown, clear, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW196	18/09/2025	12.75	0.35	-	13.48	12.4	12	18.6	529	7.75	5.2	-95.2	344.1	Pale brown, strong sulfuric odour, ver cloudy, slight turbidity, no sheen, do:55.5%	No purge/hydrasleeve
0089_MW199	8/08/2017	11.8	0.26	-	-	11.54	-	20.4	-	7.44	-	-111	-		
0089_MW199	29/10/2019	11.8	0.06	-	-	11.74	-	21	24,015	-	0.22	-	16,927	No sheen, clear, no odour, very low sediment load	
0089_MW199	8/01/2020	11.8	0.4	-	-	11.4	-	21.3	70.6	7.81	9.07	-	-		
0089_MW199	31/03/2020	11.8	3.15	-	-	8.65	-	23.4	-	-	3.68	-	-		
0089_MW199	15/07/2020	11.8	0.66	-	-	11.14	-	19	3,345	7.69	3.59	106.1	-		
0089_MW199	21/09/2020	11.8	0.326	-	-	11.474	-	19.7	21,776	7.16	2.9	-202.3	-	Clear	
0089_MW199	16/12/2020	11.8	0.53	-	-	11.27	-	22	4,121	7.54	2.31	-24.5	-	Clear	
0089_MW199	30/08/2021	11.8	0.54	-	-	11.26	-	-	1,292	7.67	3.16	-154.4	-	Clear	Hydrasleeve
0089_MW199	16/11/2021	11.8	0.54	-	-	11.26	-	-	1,292	7.67	3.16	-154.4	-		Hydrasleeve
0089_MW199	10/01/2022	11.8	0.37	-	-	11.43	-	-	14,294	7.48	2.28	-120.4	-		Hydrasleeve
0089_MW199	17/03/2022	11.8	0.41	-	-	11.39	-	-	8,752	7.01	-	118.3	-	Clear	HydroSleeve
0089_MW199	7/06/2022	11.8	1.229	-	-	10.571	-	-	11,349	7.27	-	42.3	-	QC109/209	Hydrasleeve
0089_MW199	5/09/2022	11.8	0.456	-	-	11.344	-	-	6,473	7.52	4.39	42.8	-		HydraSleeve
0089_MW199	12/12/2022	11.8	-	-	-	-	-	-	10,542	7.37	1.03	4.3	-	Clear	HydraSleeve
0089_MW199	13/03/2023	11.8	0.252	-	-	11.548	-	-	12,823	7.26	1.21	87.8	-		HydraSleeve
0089_MW199	6/06/2023	11.8	0.466	-	-	11.334	-	-	2,641	7.32	2.05	99.3	-	Clear	HydraSleeve
0089_MW199	4/07/2023	11.8	0.565	-	-	11.235	-	-	806	7.42	4.22	-117.3	-	Clear, no odour, no sheen, no turbidity, no sediment, DO fluctuating at 33 min sampled	
0089_MW199	12/12/2023	11.8	0.3	-	-	11.5	-	-	17,255	7.18	0.26	-259.4	-	Brown	HydraSleeve
0089_MW199	12/03/2024	11.8	0.12	-	-	11.68	-	22.5	19,385	7.14	0.79	-230.8	-	Hydrocarbon odour	HydraSleeve
0089_MW199	29/05/2024	11.8	0.125	-	-	11.675	-	-	16,286	7.25	2.51	-145.6	-		HydraSleeve
0089_MW199	12/12/2024	11.8	0.24	-	17.435	11.56	16.5	25.6	20,143	7.29	0.24	-263.4	13,102	pale yellow, clear, no sheen, hydrocarbon odour, no sediment	No purge/hydrasleeve
0089_MW199	18/03/2025	11.8	0.31	-	17.44	11.49	17	25.6	20,217	7.17	0.37	-242.6	13,141	Highly organic and sulfidic odour. Clear and pale grey in colour. No sheen. No roots. No sediment load	No purge/hydrasleeve
0089_MW199	10/06/2025	11.8	0.419	-	17.682	11.381	16.5	18.3	18,290	6.82	9.3	-147.6	11,891	clear, colourless, low turbidity, no sediment, no sheen, strong organic odour	No purge/hydrasleeve
0089_MW199	18/09/2025	11.8	0.309	-	17.7	11.491	17	19.1	19,121	7.19	1.09	-206.5	12,427	Clear, strong sulfuric smell, no sediment load, no turbidity, no sheen, do:11.9%	No purge/hydrasleeve
0089_MW200	9/08/2017	2.07	0.435	-	-	1.635	-	17.8	6,960	7.16	0.92	147	-		
0089_MW200	11/11/2019	2.07	0.075	-	-	1.995	-	-	2,089	-	0.18	-	1,514	No sheen, very pale yellow/brown, strong organic odour, medium sediment load	
0089_MW200	31/03/2020	2.07	0.4	-	-	1.67	-	23.6	5,697	7.73	-	-	-		
0089_MW200	15/07/2020	2.07	0.23	-	-	1.84	-	17.7	8,090	7.42	10.57	-49.5	-	Bore survey may be required	
0089_MW200	24/09/2020	2.07	0.945	-	-	1.125	-	20.8	9,988	8.06	4.97	-	-	Clear	
0089_MW200	15/12/2020	2.07	0	-	-	2.07	-	-	8,837	7.66	-	-92.1	-	Clear	
0089_MW200	16/03/2021	2.07	0.25	-	-	1.82	-	26.2	11,389	-	2.16	23.5	-	Clear	
0089_MW200	9/06/2021	2.07	0.395	-	-	1.675	-	18.5	9,354	7.99	3.9	-	-	Clear	
0089_MW200	1/09/2021	2.07	0.214	-	-	1.856	-	-	7,822	7.89	2.32	44.1	-		Hydrasleeve
0089_MW200	16/11/2021	2.07	0.128	-	-	1.942	-	-	-	7.64	0.39	-35.2	-	colourless, clear, slight sulphidic odour, low turbidity, no sheen	
0089_MW200	10/01/2022	2.07	0.01	-	-	2.06	-	-	7,646	7.79	2.32	-34.7	-		Hydrasleeve
0089_MW200	14/03/2022	2.07	0.23	-	-	1.84	-	-	10,507	7.59	-	-77.9	-	Clear	HydroSleeve
0089_MW200	5/05/2022	2.07	-0.133	-	-	2.203	-	-	-	7.14	0.4	126.1	-	Clear/colourless, no sheen, no odour, low turbidity, small diameter well (40 mm), bailer present no Cardno hydrasleeve	
0089_MW200	7/06/2022	2.07	0.191	-	-	1.879	-	-	10,280	7.61	8.39	57.4	-		Hydrasleeve
0089_MW200	5/09/2022	2.07	0.224	-	-	1.846	-	-	7,487	7.81	-	-	-		HydraSleeve
0089_MW200	17/11/2022	2.07	0.045	-	-	2.025	-	-	6,422	7.51	-	-27.8	-	clear, colourless, no odour, no sheen, low turbidity	Peristaltic pump
0089_MW200	12/12/2022	2.07	-	-	-	-	-	-	7,544	7.54	2.04	45.4	-	Clear	HydraSleeve
0089_MW200	14/03/2023	2.07	0.072	-	-	1.998	-	-	8,944	7.38	1.34	18.3	-		HydraSleeve
0089_MW200	9/05/2023	2.07	0.32	-	-	1.75	-	-	8,973	7.2	0.16	93.3	-	Clear/colourless, no sheen, no odour, low turbidity	Low Flow
0089_MW200	7/06/2023	2.07	0.35	-	-	1.72	-	-	10,704	7.45	1.56	78.9	-	Cloudy	HydraSleeve
0089_MW200	7/07/2023	2.07	0.23	-	-	1.84	-	-	8,116	7.32	0.13	-130.2	-	Clear, colourless, no odour, no sheen, no sediment	
0089_MW200	5/09/2023	2.07	0.04	-	-	2.03	-	-	8,461	7.58	2.33	-48.9	-		HandBailing
0089_MW200	15/11/2023	2.07	-0.15	-	-	2.22	-	-	7,056	7.48	0.36	72	-	clear, colourless, no sheen, no odour, no sediment load	Low Flow
0089_MW200	13/12/2023	2.07	-0.13	-	-	2.2	-	-	4,636	7.63	1.88	-190	-	Clear	HandBailing
0089_MW200	13/03/2024	2.07	-0.01	-	-	2.08	-	-	6,276	7.38	1.78	31	-	Clear	HydraSleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW200	16/05/2024	2.07	0.21	-	-	1.86	-	-	9,217	7.32	0.7	-118.6	-	Colourless, clear, low turbidity, no odour, no sheen	Low flow
0089_MW200	29/05/2024	2.07	0.21	-	-	1.86	-	20.6	10,261	7.54	5.65	87	-		HydraSleeve
0089_MW200	20/11/2024	2.07	0.07	-	-	2	-	-	5,799	7.54	1.97	59.9	-	Clear, low turbidity, nil odour	Grab
0089_MW200	18/12/2024	2.07	0.025	-	2.67	2.045	2.5	22.7	7,556	7.52	5.19	-100.6	4,907	clear, colourless, no sheen, hydrocarbon odour, no sediment	No purge/hydrasleeve
0089_MW200	19/03/2025	2.07	0.271	-	2.61	1.799	2	24.8	9,163	7.58	3.12	62.7	5,955	Clear, colourless, salty and organic odour, low sed load, no sheen	No purge/hydrasleeve
0089_MW200	10/06/2025	2.07	0.447	-	2.641	1.623	2	22	9,386	7.73	16.02	-128.1	6,102	clear, colourless, no turbidity, no sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW200	23/09/2025	2.07	0.025	-	2.63	2.045	2.5	14.1	6,005	7.45	-	47.7	3,966.5	Clear, colourless, no sediment load, no odour, no sheen	No purge/hydrasleeve
0089_MW202	9/08/2017	2.12	0.61	-	-	1.51	-	-	1,656	7.38	0.19	-149	-		
0089_MW202	31/03/2020	2.12	0.41	-	-	1.71	-	22.9	1,350	8.01	1.64	-	-	103 and 303	
0089_MW202	22/07/2020	2.12	0.5	-	-	1.62	-	17.6	1,985	7.69	4.37	6.5	-		
0089_MW202	21/09/2020	2.12	0.2	-	-	1.92	-	17.7	981	-	2.24	111.3	-	Clear	
0089_MW202	16/12/2020	2.12	0.17	-	-	1.95	-	21.5	1,209	7.54	-	-14.5	-	Clear	
0089_MW202	15/03/2021	2.12	0.3	-	-	1.82	-	21.4	1,487	7.7	8.8	86.8	-	Clear	
0089_MW202	10/06/2021	2.12	0.735	-	-	1.385	-	21.1	2,432	7.57	-	-	-	Clear	
0089_MW202	30/08/2021	2.12	0.27	-	-	1.85	-	19.2	-	7.6	2.16	-127.5	-	Clear	HandBailing
0089_MW202	16/11/2021	2.12	0.27	-	-	1.85	-	-	1,493	-	-	-127.5	-		HandBailing
0089_MW202	12/01/2022	2.12	0.25	-	-	1.87	-	-	1,374	7.47	1.53	45.3	-	Hand bailed hydrasleeve broke upon retrieval.	HandBailing
0089_MW202	8/06/2022	2.12	0.4	-	-	1.72	-	-	-	-	1.42	56	-	Clear	Hydrasleeve
0089_MW202	5/09/2022	2.12	0.72	-	-	1.4	-	-	3,310	7.56	4.12	-194.7	-		HydraSleeve
0089_MW202	12/12/2022	2.12	-	-	-	-	-	-	1,883	7.56	1.76	-127.3	-	Clear	HydraSleeve
0089_MW202	13/03/2023	2.12	0.35	-	-	1.77	-	-	1,762	6.97	2.84	-159.7	-	Clear	HydraSleeve
0089_MW202	7/06/2023	2.12	0.588	-	-	1.532	-	-	-	7.63	1.15	-	-	Clear	HydraSleeve
0089_MW202	5/09/2023	2.12	0.26	-	-	1.86	-	-	2,255	7.61	3.63	-44	-		HydraSleeve
0089_MW202	13/12/2023	2.12	0.121	-	-	1.999	-	-	1,982	7.55	1.22	-97.9	-	Clear	HydraSleeve
0089_MW202	12/03/2024	2.12	0.19	-	-	1.93	-	-	1,327	7.41	1.85	33.7	-	Clear	HydraSleeve
0089_MW202	29/05/2024	2.12	0.587	-	-	1.533	-	-	1,722	7.57	0.84	-46.2	-		HydraSleeve
0089_MW202	20/03/2025	2.12	0.507	-	2.907	1.613	2.5	22.7	1,583	7.57	3.06	52	1,029	Clear, colourless, slightly salty and organic odour, no sheen, low sediment load	No purge/hydrasleeve
0089_MW202	10/06/2025	2.12	0.606	-	2.927	1.514	2	19.4	2,232	7.22	16.35	-90.7	1,465	clear, colourless, low turbidty, no sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW202	19/09/2025	2.12	0.32	-	2.85	1.8	2	18.9	1,425	7.49	1.19	-111.5	926	Clear, low sediment load, no odour, no sheen, no turbidity, do:12.5%	No purge/hydrasleeve
0089_MW203	9/08/2017	10.855	6.315	-	-	4.54	-	16.3	-	7.5	0.96	53	-		
0089_MW203	8/11/2019	10.855	0.15	-	-	10.705	-	22.2	1,511	7.54	3.51	-	1,040	No sheen, brown, no odour, high sediment load	
0089_MW203	31/03/2020	10.855	0.245	-	-	10.61	-	22.8	-	-	-	-	-	Qc102 and 202	
0089_MW203	15/07/2020	10.855	0.435	-	-	10.42	-	19.4	1,314	-	-	-	-		
0089_MW203	22/09/2020	10.855	0.295	-	-	10.56	-	18.1	822	7.44	3.17	-	-	Clear	
0089_MW203	16/12/2020	10.855	0.25	-	-	10.605	-	22.2	985	7.61	1.78	-18.8	-	Clear	
0089_MW203	16/03/2021	10.855	0.335	-	-	10.52	-	23.8	1,013	7.89	1.97	21	-	Clear	
0089_MW203	9/06/2021	10.855	0.415	-	-	10.44	-	18.9	1,010	8.09	3.38	-	-	Clear	
0089_MW203	30/08/2021	10.855	0.425	-	-	10.43	-	-	835	-	5.44	-141.6	-	Clear,Cloudy,Brown	HandBailing
0089_MW203	16/11/2021	10.855	0.425	-	-	10.43	-	-	835	7.81	5.44	-141.6	-		HandBailing
0089_MW203	10/01/2022	10.855	0.335	-	-	10.52	-	-	-	7.68	-	-76.5	-		Hydrasleeve
0089_MW203	17/03/2022	10.855	0.315	-	-	10.54	-	-	1,100	7.62	2.08	-39.5	-	Clear	HydroSleeve
0089_MW203	7/06/2022	10.855	0.445	-	-	10.41	-	-	995	7.91	3.02	-	-	Hydrasleeve didn't fill up during recovery	HandBailing
0089_MW203	6/09/2022	10.855	0.475	-	-	10.38	-	-	957	7.79	1.74	-63.3	-		HydraSleeve
0089_MW203	12/12/2022	10.855	-	-	-	-	-	23	990	7.94	3.76	-169.5	-	Brown	HydraSleeve
0089_MW203	13/03/2023	10.855	0.275	-	-	10.58	-	-	229.1	7.29	3.98	-246.8	-	Clear	HydraSleeve
0089_MW203	6/06/2023	10.855	0.409	-	-	10.446	-	-	1,061	7.51	-	127.6	-	Clear	HydraSleeve
0089_MW203	11/07/2023	10.855	0.397	-	-	10.458	-	-	1,367	7.82	5.68	-38.4	-	Slightly cloudy (clear at 9 min), no odour, no sheen, moderate turbidity (low turb at 9 min), low sediment	
0089_MW203	5/09/2023	10.855	0.305	-	-	10.55	-	-	2,758	7.87	-	-86.4	-		HydraSleeve
0089_MW203	12/12/2023	10.855	0.165	-	-	10.69	-	-	-	7.4	3.71	-	-	Clear	HydraSleeve
0089_MW203	13/03/2024	10.855	0.185	-	-	10.67	-	-	1,198	7.39	2.45	31.1	-	Clear	HydraSleeve
0089_MW203	29/05/2024	10.855	0.303	-	-	10.552	-	21.4	1,833	7.33	5.01	-	-		HydraSleeve
0089_MW203	13/12/2024	10.855	0.284	-	12.82	10.571	11.5	23.4	893	7.18	2.17	-57	580	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW203	18/03/2025	10.855	0.36	-	12.89	10.495	12.4	24.4	845	7.26	3.67	47.9	550	Medium sediment load (fine sediment), medium turbidity, clear and clourless with pale brown at bottom half of HS (sediment), slightly organic odour	No purge/hydrasleeve
0089_MW203	10/06/2025	10.855	0.509	-	12.849	10.346	11	19.5	903	6.86	9.66	-119.1	588	clear, colourless, low turbidity, some brown sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW203	16/09/2025	10.855	0.53	-	12.85	10.325	11.8	19.9	836	7.32	3.41	-80.3	544	White, little bit cloudy, slightly turbid, no sheen, odourless, do:29.9%	No purge/hydrasleeve
0089_MW214	2/08/2017	8.075	0.315	5.5 - 9	-	7.76	-	17.1	1,574	7.4	4.56	127	-		
0089_MW214	1/09/2021	8.075	0.435	5.5 - 9	-	7.64	-	-	2,914	7.28	3.88	-138.8	-	Black,Cloudy	HandBailing
0089_MW214	16/11/2021	8.075	0.435	5.5 - 9	-	7.64	-	-	2,914	-	3.88	-138.8	-		HandBailing
0089_MW214	7/06/2022	8.075	0.405	5.5 - 9	-	7.67	-	-	-	-	1.51	-93.6	-	Cloudy	Hydrasleeve
0089_MW214	6/09/2022	8.075	0.53	5.5 - 9	-	7.545	-	-	2,212	7.04	3.82	-	-		HydraSleeve
0089_MW214	13/12/2022	8.075	-	5.5 - 9	-	-	-	-	2,886	7.25	1.33	-85.9	-	Clear	HydraSleeve
0089_MW214	14/03/2023	8.075	0.349	5.5 - 9	-	7.726	-	-	8,127	7.32	1.33	36.1	-		HydraSleeve
0089_MW214	8/06/2023	8.075	0.467	5.5 - 9	-	7.608	-	-	3,370	7.29	1.77	-135.3	-	Clear	HydraSleeve
0089_MW214	11/03/2024	8.075	0.245	5.5 - 9	-	7.83	-	-	-	-	0.94	19.6	-	Clear	HydraSleeve
0089_MW214	28/05/2024	8.075	0.66	5.5 - 9	-	7.415	-	-	3,192	7.25	3.54	-15	-		HydraSleeve
0089_MW214	16/12/2024	8.075	0.225	5.5 - 9	9.09	7.85	9	24.4	2,312	7.05	-	-55.6	1,505	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW214	20/03/2025	8.075	0.45	5.5 - 9	9.077	7.625	8.5	21.5	3,016	7.24	2.32	-80.5	1,270	Clear, colourless, slightly sulfidic odour, no sheen, low sed load, no roots, black staining on top of HS - potentially hydrocarbons, dark sediment settled at bottom of HS	No purge/hydrasleeve
0089_MW214	5/06/2025	8.075	0.794	5.5 - 9	9.068	7.281	8	19.5	3,727	7.22	3.86	-124.7	2,423	clear, low turbidity, some dark grey sediment, no sheen, distinct hydrocarbon odour	No purge/hydrasleeve
0089_MW214	15/09/2025	8.075	1.605	5.5 - 9	9.1	6.47	9	17.4	2,504	7.18	3.13	-53.5	1,628	Low sediment load, low organic matter content, no sheen ,strong smell, do: 34.5%	No purge/hydrasleeve
0089_MW215	2/08/2017	3.794	0.239	1.5 - 4.5	-	3.555	-	18	901	7.62	2.38	113	-		
0089_MW215	1/09/2021	3.794	0.378	1.5 - 4.5	-	3.416	-	-	1,446	8.15	1.7	-	-	Blockage cleared with steel bailer	Hydrasleeve
0089_MW215	7/06/2022	3.794	0.334	1.5 - 4.5	-	3.46	-	17.2	-	7.46	1.72	-51.5	-	Clear,Black	Hydrasleeve
0089_MW215	6/09/2022	3.794	0.486	1.5 - 4.5	-	3.308	-	-	1,293	7.56	3.66	-30.8	-		HydraSleeve
0089_MW215	13/12/2022	3.794	-	1.5 - 4.5	-	-	-	18.1	1,887	7.6	1.88	-24.7	-	Clear	HydraSleeve
0089_MW215	14/03/2023	3.794	0.252	1.5 - 4.5	-	3.542	-	-	2,103	-	1.9	68.1	-		HydraSleeve
0089_MW215	8/06/2023	3.794	0.365	1.5 - 4.5	-	3.429	-	-	2,907	7.27	1.64	-127.6	-	Clear	HydraSleeve
0089_MW215	11/12/2023	3.794	-0.096	1.5 - 4.5	-	3.89	-	-	3,062	7.79	3.79	-78.2	-		HydraSleeve
0089_MW215	11/03/2024	3.794	0.154	1.5 - 4.5	-	3.64	-	-	1,657	7.42	1.98	24.7	-	Stagnant odour	HydraSleeve
0089_MW215	28/05/2024	3.794	0.549	1.5 - 4.5	-	3.245	-	-	2,577	7.44	1.11	-41.4	-		HydraSleeve
0089_MW215	16/12/2024	3.794	0.269	1.5 - 4.5	4.84	3.525	4.8	21	1,360	7.21	0.71	-15.6	884	clear, colourless, no sheen, organic odour, no sediment	No purge/hydrasleeve
0089_MW215	20/03/2025	3.794	0.354	1.5 - 4.5	4.805	3.44	4.3	21.9	1,948	7.36	1.56	-90.3	1,270	Clear, colourless, sulfidic odour, no sheen, low sed load, roots on top of HS	No purge/hydrasleeve
0089_MW215	5/06/2025	3.794	0.682	1.5 - 4.5	4.802	3.112	3.5	20.7	3,986	7.34	6.6	-163.8	2,591	clear dark grey, medium turbidity, some sediment, small sheen, distinct hydrocarbon odour	No purge/hydrasleeve
0089_MW215	15/09/2025	3.794	0.549	1.5 - 4.5	4.5	3.245	4.5	17.8	1,468	7.34	3.73	-74.5	956	Little odour, roots presents,dead ants, clear, no sheen, yellow tinge on sleeve, no turbidity, do:47.6%	No purge/hydrasleeve
0089_MW216	2/08/2017	8.329	0.384	6 - 9	-	7.945	-	16.6	906	7.61	1.31	68	-		

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW216	19/12/2019	8.329	0.429	6 - 9	-	7.9	-	18.6	1,142	7.53	3.95	-	-		
0089_MW216	31/03/2020	8.329	0.424	6 - 9	-	7.905	-	20	1,479	7.27	7.38	-	-		
0089_MW216	22/07/2020	8.329	2.329	6 - 9	-	6	-	19.6	1,304	7.39	-	25.4	-		
0089_MW216	15/12/2020	8.329	0.419	6 - 9	-	7.91	-	20.9	1,592	7.25	2.02	0.6	-	Cloudy	
0089_MW216	18/03/2021	8.329	-0.601	6 - 9	-	8.93	-	21	1,753	7.52	2.26	118.1	-	Clear	
0089_MW216	9/06/2021	8.329	0.577	6 - 9	-	7.752	-	18.4	1,753	7.78	3.69	-	-	Cloudy	
0089_MW216	31/08/2021	8.329	0.42	6 - 9	-	7.909	-	-	2,545	7.73	3.77	7.6	-		Hydrasleeve
0089_MW216	16/03/2022	8.329	0.529	6 - 9	-	7.8	-	-	2,296	7.17	3	-41.7	-	Cloudy	HydroSleeve
0089_MW216	7/06/2022	8.329	0.459	6 - 9	-	7.87	-	-	-	7.41	1.09	-20.1	-	Clear	Hydrasleeve
0089_MW216	5/09/2022	8.329	0.481	6 - 9	-	7.848	-	-	2,104	7.53	4.39	12	-		HydraSleeve
0089_MW216	13/12/2022	8.329	-	6 - 9	-	-	-	18	5,561	7.54	3.08	-68.7	-	Clear	HydraSleeve
0089_MW216	14/03/2023	8.329	0.385	6 - 9	-	7.944	-	-	5,002	7.38	1.84	58.8	-		HydraSleeve
0089_MW216	8/06/2023	8.329	0.504	6 - 9	-	7.825	-	-	4,647	7.34	1.67	3	-	Clear	HydraSleeve
0089_MW216	4/08/2023	8.329	0.414	6 - 9	-	7.915	-	-	2,980	7.07	1	97.1	-	Colourless, slightly cloudy, no odour, no sheen, low sediment load, low turbidity	
0089_MW216	4/09/2023	8.329	0.459	6 - 9	-	7.87	-	-	2,816	7.26	2.54	-19	-		HydraSleeve
0089_MW216	11/12/2023	8.329	0.149	6 - 9	-	8.18	-	-	1,369	7.51	4.85	-64.6	-	Cloudy	HydraSleeve
0089_MW216	12/03/2024	8.329	0.299	6 - 9	-	8.03	-	-	2,804	7.24	1.25	32	-	Clear,Cloudy	HydraSleeve
0089_MW216	28/05/2024	8.329	0.66	6 - 9	-	7.669	-	-	2,262	7.48	3.9	5.5	-		HydraSleeve
0089_MW216	16/12/2024	8.329	0.379	6 - 9	9.43	7.95	9.4	19.8	2,562	7.36	2.43	-14.4	1,666	cloudy, colourless, no sheen, no odour, moderate sediment	No purge/hydrasleeve
0089_MW216	20/03/2025	8.329	0.481	6 - 9	9.44	7.848	9	20.3	3,606	7.45	2.33	55.2	2,344	Clear, colourless, odourless, no sheen, low sed load	No purge/hydrasleeve
0089_MW216	5/06/2025	8.329	0.806	6 - 9	9.431	7.523	9	19.8	2,017	7.52	5.67	82	1,311	clear, low turbidity, no sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW216	15/09/2025	8.329	0.959	6 - 9	9.1	7.37	9	15.5	2,187	7.44	2.77	-46.5	2,187	Odourless, low sediment load, no sheen, colourless, do:26.7%	No purge/hydrasleeve
0089_MW217	2/08/2017	8.847	0.482	6.5 - 9.5	-	8.365	-	-	731	-	5.34	120	-		
0089_MW217	18/12/2019	8.847	0.357	6.5 - 9.5	-	8.49	-	21.7	332.1	7.23	4.8	-	-		
0089_MW217	31/03/2020	8.847	0.409	6.5 - 9.5	-	8.438	-	23.5	483.2	-	6.59	-	-		
0089_MW217	22/07/2020	8.847	0.537	6.5 - 9.5	-	8.31	-	22.8	637	7.62	5.86	-18.3	-	114 and 214	
0089_MW217	24/09/2020	8.847	0.389	6.5 - 9.5	-	8.458	-	21.7	2,381	8.08	7.29	99.3	-	Cloudy	
0089_MW217	15/12/2020	8.847	0.427	6.5 - 9.5	-	8.42	-	21.8	504	7.72	4.4	-7.8	-	Clear	
0089_MW217	18/03/2021	8.847	0.417	6.5 - 9.5	-	8.43	-	22.5	958	7.58	4.33	61.4	-	Clear	
0089_MW217	9/06/2021	8.847	0.567	6.5 - 9.5	-	8.28	-	19.3	733	8.12	6.87	-	-	Clear	
0089_MW217	31/08/2021	8.847	0.492	6.5 - 9.5	-	8.355	-	-	1,170	7.57	5.62	-	-	Clear,Cloudy	Hydrasleeve
0089_MW217	16/11/2021	8.847	0.492	6.5 - 9.5	-	8.355	-	-	1,170	7.57	5.62	-118.9	-		Hydrasleeve
0089_MW217	18/11/2021	8.847	0.492	6.5 - 9.5	-	8.355	-	-	945	7.48	6.14	12.5	-	pale yellow, no odour, low to moderate turbidity, no sheen	
0089_MW217	13/01/2022	8.847	0.392	6.5 - 9.5	-	8.455	-	-	1,005	7	2.16	105.8	-	Cloudy no odour	Hydrasleeve
0089_MW217	17/03/2022	8.847	0.497	6.5 - 9.5	-	8.35	-	-	957	7.62	6.59	-11.3	-	Cloudy	HydroSleeve
0089_MW217	8/06/2022	8.847	-0.083	6.5 - 9.5	-	8.93	-	-	-	7.65	-	-	-	Cloudy	Hydrasleeve
0089_MW217	8/09/2022	8.847	0.592	6.5 - 9.5	-	8.255	-	-	1,122	7.53	-	-43.3	-		HydraSleeve
0089_MW217	16/11/2022	8.847	0.375	6.5 - 9.5	-	8.472	-	-	1,017	7.49	5.73	9.4	-	Clear/colourless, no sheen, no odour, moderate turbidity	Hydrasleeve
0089_MW217	13/12/2022	8.847	-	6.5 - 9.5	-	-	-	-	1,133	6.84	5.03	-15.4	-	Cloudy	HydraSleeve
0089_MW217	15/03/2023	8.847	0.377	6.5 - 9.5	-	8.47	-	-	1,053	7.45	5.58	1,262	-	Clear	HydraSleeve
0089_MW217	8/06/2023	8.847	0.617	6.5 - 9.5	-	8.23	-	-	795	7.4	-	71.6	-	Clear	HydraSleeve
0089_MW217	3/07/2023	8.847	0.502	6.5 - 9.5	-	8.345	-	-	532	7.39	5.1	51.1	-	Cloudy white, moderate turbidity, no odour	
0089_MW217	4/09/2023	8.847	0.009	6.5 - 9.5	-	8.838	-	20.4	798	7.47	6.02	-20.2	-		HydraSleeve
0089_MW217	7/11/2023	8.847	0.325	6.5 - 9.5	-	8.522	-	25.8	754	7.52	4.14	76	-	cloudy white, high turbidity, low sediment load, no odour, no sheen	Sleeve sampler
0089_MW217	13/12/2023	8.847	0.247	6.5 - 9.5	-	8.6	-	-	823	7.53	7.17	-32.3	-	Cloudy	HydraSleeve
0089_MW217	13/03/2024	8.847	0.307	6.5 - 9.5	-	8.54	-	-	-	7.4	5	56.9	-	Cloudy	HydraSleeve
0089_MW217	28/05/2024	8.847	0.547	6.5 - 9.5	-	8.3	-	-	1,222	7.8	1.37	-	-		HydraSleeve
0089_MW217	26/11/2024	8.847	0.347	6.5 - 9.5	-	8.5	-	-	1,096	7.5	5.2	49.5	-	Clear, clear turbidity, nil odour	Grab
0089_MW217	16/12/2024	8.847	0.382	6.5 - 9.5	8.996	8.465	8.9	21.5	925	7.42	5.69	-13.4	602	cloudy, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW217	20/03/2025	8.847	0.493	6.5 - 9.5	9.69	8.354	9.2	21.7	815	7.49	6.71	45.5	528	Brown/grey and cloudy, high sediment load, no odour, no sheen, no roots	No purge/hydrasleeve
0089_MW217	5/06/2025	8.847	0.793	6.5 - 9.5	9.689	8.054	8.5	19.6	765	7.62	9.37	57.7	497	cloudy light grey, medium turbidity, some sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW217	15/09/2025	8.847	0.647	6.5 - 9.5	9.5	8.2	9.5	18.3	838	7.51	5.06	-48.5	544	Cloudy, clay like particle, low sediment load, no sheen, little odor, do:54.6%	No purge/hydrasleeve
0089_MW220	2/08/2017	7.054	0.564	-	-	6.49	-	17.2	1,621	7.11	4	145	-		
0089_MW220	13/01/2022	7.054	0.354	-	-	6.7	-	-	993	7.34	2.69	87.1	-	Lots of roots present. Organic smell.	Hydrasleeve
0089_MW220	8/06/2022	7.054	0.194	-	-	6.86	-	-	-	7.69	1.21	109.5	-	Cloudy	Hydrasleeve
0089_MW220	8/09/2022	7.054	1.924	-	-	5.13	-	-	815	7.52	4.98	34.6	-	Slight organic odour	HydraSleeve
0089_MW220	16/11/2022	7.054	0.38	-	-	6.674	-	-	789	7.48	1.182	-9.9	-	Brown, no sheen, no odour, moderate turbidity	Hydrasleeve
0089_MW220	13/12/2022	7.054	-	-	-	-	-	-	687	7.25	1.23	-121.3	-	Brown, Organic odour	HydraSleeve
0089_MW220	15/03/2023	7.054	-	-	-	-	-	-	773	7.46	1.93	117.8	-	No rwl reading water taken, swl lower than sleeve	HydraSleeve
0089_MW220	8/06/2023	7.054	0.824	-	-	6.23	-	-	803	7.43	1.89	60.8	-	Clear	HydraSleeve
0089_MW220	3/07/2023	7.054	0.442	-	-	6.612	-	-	579	7.38	-	53.5	-	Cloudy white, no sheen, weak sulphidic odour, moderate sediment	
0089_MW220	4/09/2023	7.054	-1.576	-	-	8.63	-	-	727	7.26	3.2	-18.8	-		HydraSleeve
0089_MW220	7/11/2023	7.054	0.245	-	-	6.809	-	-	766	7.29	1.11	-	-	colourless, moderate turbidity, low sediment load, no sheen, no odour	Sleeve sampler
0089_MW220	13/12/2023	7.054	0.214	-	-	6.84	-	-	814	7.32	3.38	-57.9	-	Cloudy	HydraSleeve
0089_MW220	13/03/2024	7.054	0.254	-	-	6.8	-	-	692	7.39	-	48.7	-	Hydrogen sulfide odour	HydraSleeve
0089_MW220	28/05/2024	7.054	0.486	-	-	6.568	-	-	611	7.94	1.72	-30.1	-		HydraSleeve
0089_MW220	16/12/2024	7.054	0.294	-	8.535	6.76	8.5	20	735	7.21	3.5	-9	477.8	cloudy, orange, no sheen, organic odour, moderate sediment	No purge/hydrasleeve
0089_MW220	20/03/2025	7.054	0.429		8.25	6.625	7.7	22.7	1,029	7.33	3.7	-77.3	669	Mororate cloudiness, grey, sulfidic &/ hydrocarbon odour, dark sediment at bottom of HS, small amount of black staining at top of HS	No purge/hydrasleeve
0089_MW220	5/06/2025	7.054	0.649	-	8.258	6.405	7	19.2	663	7.58	5.36	-58.5	430.7	cloudy grey, medium turbidity, moderate dark grey sediment load, no sheen, distinct organic odour, some rootlets at top of Hydrasleeve	No purge/hydrasleeve
0089_MW220	15/09/2025	7.054	0.679	-	8.25	6.375	8	16.6	840	7.05	1.55	-47.5	546	Little bit cloudy, roots present, low sediment load, little odor, no sheen. low sediment load	No purge/hydrasleeve
0089_MW224	9/08/2017	13.372	0.447	11.25 - 14.25	-	12.925	-	18.2	763	-	3.61	69	-		
0089_MW224	18/12/2019	13.372	0.242	11.25 - 14.25	-	13.13	-	21.9	427.3	7.66	7.9	-	-		
0089_MW224	31/03/2020	13.372	0.329	11.25 - 14.25	-	13.043	-	20	794	7.22	5.75	-	-		
0089_MW224	22/07/2020	13.372	0.482	11.25 - 14.25	-	12.89	-	-	-	-	5.15	10	-		
0089_MW224	24/09/2020	13.372	0.361	11.25 - 14.25	-	13.011	-	-	-	8.06	5.74	103.4	-	Cloudy	
0089_MW224	15/12/2020	13.372	0.312	11.25 - 14.25	-	13.06	-	21	835	7.73	-	-6.8	-	Clear	
0089_MW224	18/03/2021	13.372	0.422	11.25 - 14.25	-	12.95	-	-	894	-	4.49	65.1	-	Clear	
0089_MW224	9/06/2021	13.372	0.492	11.25 - 14.25	-	12.88	-	18.5	-	8.04	6.51	-	-	Clear	
0089_MW224	31/08/2021	13.372	0.472	11.25 - 14.25	-	12.9	-	-	905	7.7	6.18	-11,105	-	Clear,Cloudy	Hydrasleeve
0089_MW224	16/11/2021	13.372	0.472	11.25 - 14.25	-	12.9	-	19.1	905	7.7	-	-11,105	-		Hydrasleeve
0089_MW224	13/01/2022	13.372	0.382	11.25 - 14.25	-	12.99	-	-	900	7.64	3.71	85.9	-		Hydrasleeve
0089_MW224	17/03/2022	13.372	0.392	11.25 - 14.25	-	12.98	-	-	857	7.96	7.03	17.5	-	Cloudy	HydroSleeve
0089_MW224	8/06/2022	13.372	-0.008	11.25 - 14.25	-	13.38	-	-	-	7.73	-	120	-	Brown,Cloudy	Hydrasleeve
0089_MW224	8/09/2022	13.372	1.122	11.25 - 14.25	-	12.25	-	-	814	7.81	7.54	-89.5	-		HydraSleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW224	13/12/2022	13.372	-	11.25 - 14.25	-	-	-	-	829	7.59	5.19	17.1	-	Cloudy	HydraSleeve
0089_MW224	15/03/2023	13.372	0.397	11.25 - 14.25	-	12.975	-	-	911	7.74	6.5	113.2	-	Clear	HydraSleeve
0089_MW224	8/06/2023	13.372	1.042	11.25 - 14.25	-	12.33	-	-	885	7.75	5.81	65.3	-	Clear	HydraSleeve
0089_MW224	3/07/2023	13.372	0.407	11.25 - 14.25	-	12.965	-	-	917	7.61	7.13	53.3	-	No sheen, no odour, moderate sediment, cloudy white, purged dry	
0089_MW224	4/09/2023	13.372	0.382	11.25 - 14.25	-	12.99	-	-	13.9	7.85	9.55	-25.2	-		HydraSleeve
0089_MW224	13/12/2023	13.372	0.252	11.25 - 14.25	-	13.12	-	-	515	7.73	7.72	-50.8	-	Cloudy	HydraSleeve
0089_MW224	13/03/2024	13.372	0.272	11.25 - 14.25	-	13.1	-	-	450.3	7.48	3.92	62.1	-	Cloudy	HydraSleeve
0089_MW224	16/12/2024	13.372	0.342	11.25 - 14.25	14.42	13.03	14.4	19.9	1,182	7.64	3.06	-9.3	764	cloudy, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW224	20/03/2025	13.372	0.452	11.25 - 14.25	14.24	12.92	13.7	23.8	1,402	7.79	5.61	18.3	910	Clear and colourless, low sediment load, no odour/very slight hydrocarbon odour, no sheen or staining	No purge/hydrasleeve
0089_MW224	5/06/2025	13.372	0.551	11.25 - 14.25	14.216	12.821	13	18.9	834	7.85	12.43	88.3	542	slightly cloudy white, some turbidity, some sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW224	15/09/2025	13.372	0.552	11.25 - 14.25	14.25	12.82	14.25	16.1	869	7.78	7.8	-49.5	565	Low sediment load, cloudy,no sheen,, no odour, colorless, do:67.2	No purge/hydrasleeve
0089_MW225	2/08/2017	4.066	0.126	2 - 5	-	3.94	-	18.6	1,289	7.45	1.82	48	-		
0089_MW225	1/09/2021	4.066	0.216	2 - 5	-	3.85	-	18.2	2,008	7.6	-	-163.9	-	Cloudy,Black	HandBailing
0089_MW225	16/11/2021	4.066	0.216	2 - 5	-	3.85	-	-	2,008	7.6	2.26	-163.9	-		HandBailing
0089_MW225	16/03/2022	4.066	0.376	2 - 5	-	3.69	-	-	2,872	7.62	1.34	-194.3	-	Clear	HydroSleeve
0089_MW225	7/06/2022	4.066	0.316	2 - 5	-	3.75	-	-	-	7.43	0.86	-216.5	-	Cloudy	Hydrasleeve
0089_MW225	6/09/2022	4.066	0.406	2 - 5	-	3.66	-	15.5	1,548	7.5	4.42	5.6	-		HydraSleeve
0089_MW225	13/12/2022	4.066	-	2 - 5	-	-	-	-	2,012	7.45	3.4	-1.8	-	Clear	HydraSleeve
0089_MW225	14/03/2023	4.066	0.201	2 - 5	-	3.865	-	-	-	-	0.92	63	-		HydraSleeve
0089_MW225	8/06/2023	4.066	0.307	2 - 5	-	3.759	-	-	4,700	7.25	-	-131.5	-	Clear	HydraSleeve
0089_MW225	4/09/2023	4.066	0.196	2 - 5	-	3.87	-	-	177	7.83	9.39	-	-		HydraSleeve
0089_MW225	11/12/2023	4.066	-0.054	2 - 5	-	4.12	-	-	3,345	7.75	4.63	-122.5	-	Clear	HydraSleeve
0089_MW225	12/03/2024	4.066	0.151	2 - 5	-	3.915	-	-	3,543	7.15	0.86	24.1	-	Clear,Cloudy	HydraSleeve
0089_MW225	28/05/2024	4.066	0.446	2 - 5	-	3.62	-	-	2,691	7.39	1.46	-199.1	-		HydraSleeve
0089_MW225	16/12/2024	4.066	0.101	2 - 5	5.42	3.965	5.4	20.3	2,915	7.14	1.4	-54.4	1,895	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW225	11/03/2025	4.066	0.298	2 - 5	5.405	3.768	3	23.9	5,060	7.38	0.72	8.7	3,289	strong organic odour, roots present, pale yellow, clear, no sediment load	No purge/hydrasleeve
0089_MW225	5/06/2025	4.066	0.557	2 - 5	5.416	3.509	4	20.7	2,771	7.42	3.57	-157.4	1,801	clear, slight pale yellow tinge, some grey sediment, no sheen, faint organic odour	No purge/hydrasleeve
0089_MW225	15/09/2025	4.066	0.441	2 - 5	5.41	3.625	5.2	16.99	2,540	7.23	3.59	-41.9	1,651	Little odour, no sediment load, no sheen, no turbidity. sleeves half full.	No purge/hydrasleeve
0089_MW226	2/08/2017	1.749	-0.001	0.75 - 3.8	-	1.75	-	18.5	23,200	7.15	0.19	41	-		
0089_MW226	14/01/2020	1.749	-0.151	0.75 - 3.8	-	1.9	-	25.4	43,562	7.17	6.15	-	-		
0089_MW226	2/04/2020	1.749	0.138	0.75 - 3.8	-	1.611	-	22.2	40,885	6.92	5.29	-	-	QC101/201	
0089_MW226	21/07/2020	1.749	0.259	0.75 - 3.8	-	1.49	-	18.7	37,338	7.11	12.22	-22.5	-		
0089_MW226	22/09/2020	1.749	0.049	0.75 - 3.8	-	1.7	-	19.3	42,211	7.26	2.26	-	-	Clear	
0089_MW226	15/12/2020	1.749	0.029	0.75 - 3.8	-	1.72	-	21.9	43,297	7.1	1.02	-40.2	-	Clear	
0089_MW226	17/03/2021	1.749	0.334	0.75 - 3.8	-	1.415	-	23.2	44,123	7.09	1	-121.6	-	Clear,Yellow	
0089_MW226	10/06/2021	1.749	0.649	0.75 - 3.8	-	1.1	-	20.8	43,023	7.16	0.9	-	-	Clear	
0089_MW226	31/08/2021	1.749	0.033	0.75 - 3.8	-	1.716	-	-	43,481	7.52	2.42	-197.1	-		Hydrasleeve
0089_MW226	16/03/2022	1.749	0.854	0.75 - 3.8	-	0.895	-	-	43,451	7.11	0.66	-168.5	-	Brown,Clear	HydroSleeve
0089_MW226	7/06/2022	1.749	-0.001	0.75 - 3.8	-	1.75	-	-	-	7.16	0.75	-99.4	-	Cloudy	Hydrasleeve
0089_MW226	6/09/2022	1.749	0.269	0.75 - 3.8	-	1.48	-	-	38,453	7.08	0.72	-191.7	-	Slight hydrogen sulfide smell	HydraSleeve
0089_MW226	13/12/2022	1.749	-	0.75 - 3.8	-	-	-	-	39,126	7.14	-	-126.4	-	Brown	HydraSleeve
0089_MW226	14/03/2023	1.749	0.129	0.75 - 3.8	-	1.62	-	-	36,780	6.39	0.71	-66.2	-	Brown, H2S odour	HydraSleeve
0089_MW226	8/06/2023	1.749	0.249	0.75 - 3.8	-	1.5	-	-	43,015	7.09	0.75	-152.1	-	Clear	HydraSleeve
0089_MW226	4/09/2023	1.749	0.089	0.75 - 3.8	-	1.66	-	-	41,286	7.12	2.66	-	-		HydraSleeve
0089_MW226	11/12/2023	1.749	-0.161	0.75 - 3.8	-	1.91	-	-	-	7.11	0.9	-93.2	-		HydraSleeve
0089_MW226	12/03/2024	1.749	0.004	0.75 - 3.8	-	1.745	-	-	44,044	7.11	0.74	33.1	-	Cloudy,Green	HydraSleeve
0089_MW226	28/05/2024	1.749	0.549	0.75 - 3.8	-	1.2	-	-	40,617	-	0.97	-64.9	-		HydraSleeve
0089_MW226	16/12/2024	1.749	0.054	0.75 - 3.8	4.02	1.695	2.7	22.6	41,372	7.08	1.62	-35.3	26,894	pale yellow, clear, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW226	10/03/2025	1.749	0.119	0.75 - 3.8	4.07	1.63	3.5	27.5	11,722	7.4	0.91	80.9	7,056	clear, yellow, no odour, no sheen, some organic matter floating throughout	No purge/hydrasleeve
0089_MW226	5/06/2025	1.749	0.423	0.75 - 3.8	4.024	1.326	3	20.7	41,315	7.25	4.18	-10.3	26,863	clear, yellow tinge, low turbidity, no sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW226	16/09/2025	1.749	0.169	0.75 - 3.8	4.1	1.58	2.5	18.2	18,455	7.44	5.03	-103.5	11,976	Low sediment load, pale yellow, no sheen, little odour, no turbidity, do:31.6%	No purge/hydrasleeve
0089_MW227	2/08/2017	2.961	0.111	1.25 - 4.2	-	2.85	-	-	3.39	7.37	0.43	-169	-		
0089_MW227	1/04/2020	2.961	0.166	1.25 - 4.2	-	2.795	-	23.2	4,461	7.32	0.51	-	-	Qc104/204 taken here	
0089_MW227	22/07/2020	2.961	0.256	1.25 - 4.2	-	2.705	-	17.6	3,530	-	4.38	-6.2	-		
0089_MW227	21/09/2020	2.961	0.191	1.25 - 4.2	-	2.77	-	20.8	-	-	2.9	-205.8	-	Clear	
0089_MW227	15/12/2020	2.961	0.181	1.25 - 4.2	-	2.78	-	21	3,487	7.38	1.1	-100.6	-	Clear	
0089_MW227	15/03/2021	2.961	0.161	1.25 - 4.2	-	2.8	-	-	5,808	7.92	0.61	-161.2	-	Clear,Cloudy	
0089_MW227	10/06/2021	2.961	0.473	1.25 - 4.2	-	2.488	-	20.3	3,101	7.6	-	-	-	Clear	
0089_MW227	31/08/2021	2.961	0.154	1.25 - 4.2	-	2.807	-	-	-	8.03	1.57	-135.6	-		Hydrasleeve
0089_MW227	14/01/2022	2.961	0.081	1.25 - 4.2	-	2.88	-	-	5,867	7.59	0.73	-62.4	-		Hydrasleeve
0089_MW227	16/03/2022	2.961	0.259	1.25 - 4.2	-	2.702	-	-	7,043	7.49	0.47	-197.1	-	Clear, Pungent sulphur smell/stagnant water	HydroSleeve
0089_MW227	7/06/2022	2.961	0.231	1.25 - 4.2	-	2.73	-	17.5	-	7.39	-	-220.5	-	Yellow	Hydrasleeve
0089_MW227	7/09/2022	2.961	0.351	1.25 - 4.2	-	2.61	-	-	4,064	7.19	2.66	-62.1	-	Slight organic odour	HydraSleeve
0089_MW227	13/12/2022	2.961	-	1.25 - 4.2	-	-	-	-	2,913	7.55	1.95	35.7	-	Cloudy	HydraSleeve
0089_MW227	14/03/2023	2.961	0.111	1.25 - 4.2	-	2.85	-	-	3,625	7.03	1.03	-176.7	-	Quite turbid, H2S odour	HydraSleeve
0089_MW227	8/06/2023	2.961	0.236	1.25 - 4.2	-	2.725	-	-	3,721	-	-	-226.4	-	Clear	HydraSleeve
0089_MW227	3/07/2023	2.961	0.369	1.25 - 4.2	-	2.592	-	-	3,292	7.41	0.08	-65.9	-	Clear, no odour, no sheen, no turbidity, low sediment	
0089_MW227	5/09/2023	2.961	0.166	1.25 - 4.2	-	2.795	-	-	2,912	7.39	2.94	166.5	-		HydraSleeve
0089_MW227	11/12/2023	2.961	-0.129	1.25 - 4.2	-	3.09	-	-	5,355	7.57	2.85	-71.5	-		HydraSleeve
0089_MW227	12/03/2024	2.961	0.001	1.25 - 4.2	-	2.96	-	-	2,832	7.21	1.32	29.2	-	Clear	HydraSleeve
0089_MW227	28/05/2024	2.961	0.361	1.25 - 4.2	-	2.6	-	19.2	6,047	-	-	-267.1	-		HydraSleeve
0089_MW227	18/12/2024	2.961	0.056	1.25 - 4.2	4.11	2.905	4.1	20.8	2,919	7.48	2.74	-55.6	1,900	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW227	20/03/2025	2.961	0.256	1.25 - 4.2	4.105	2.705	3.5	22.2	4,124	7.25	4.42	53.4	2,683	Clear, pale green colour, no sheen, roots on top of HS, sulfidic odour	No purge/hydrasleeve
0089_MW227	5/06/2025	2.961	0.463	1.25 - 4.2	4.106	2.498	3	19.9	4,452	7.53	3.21	-196.3	2,888	clear, moderate turbidity, low sediment, light sheen, distinctive hydrocarbon odour	No purge/hydrasleeve
0089_MW227	23/09/2025	2.961	0.116	1.25 - 4.2	4.11	2.845	3.2	18.8	2,684	7.24	-	29	1,748.5	Pale brown, slightly turbid, low sediment load, no odour, no sheen	No purge/hydrasleeve
0089_MW228	2/08/2017	2.23	0.08	0.75 - 3.75	-	2.15	-	18.6	18,390	7.3	0.67	-	-		
0089_MW228	14/01/2020	2.23	-1.52	0.75 - 3.75	-	3.75	-	25.8	24,107	7.49	-	-	-		
0089_MW228	1/04/2020	2.23	0.148	0.75 - 3.75	-	2.082	-	23.8	28,530	7.26	1.15	-	-	QC103 & QC203	
0089_MW228	22/07/2020	2.23	0.25	0.75 - 3.75	-	1.98	-	18.2	-	-	2.2	11	-	QC112, QC212	
0089_MW228	21/09/2020	2.23	-0.845	0.75 - 3.75	-	3.075	-	19.9	31,898	7.22	2.25	-210.6	-	Clear	
0089_MW228	15/12/2020	2.23	0.165	0.75 - 3.75	-	2.065	-	-	29,607	7.2	0.89	-69.7	-	Clear	
0089_MW228	15/03/2021	2.23	0.15	0.75 - 3.75	-	2.08	-	23.3	28,133	7.27	0.57	-11,952	-	Cloudy,Clear,Brown	
0089_MW228	10/06/2021	2.23	0.555	0.75 - 3.75	-	1.675	-	20.7	34,475	7.38	0.72	-	-	Clear	
0089_MW228	31/08/2021	2.23	0.144	0.75 - 3.75	-	2.086	-	-	24,402	7.49	0.72	-64.5	-		Hydrasleeve
0089_MW228	14/01/2022	2.23	0.06	0.75 - 3.75	-	2.17	-	-	-	7.28	0.31	-	-		Hydrasleeve
0089_MW228	16/03/2022	2.23	0.23	0.75 - 3.75	-	2	-	-	16,409	7.5	-	-	-	Cloudy, Pungent sulphur smell/stagnant water	HydroSleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW228	7/06/2022	2.23	0.31	0.75 - 3.75	-	1.92	-	-	73,403	7.6	-	-	-	Clear	Hydrasleeve
0089_MW228	7/09/2022	2.23	0.337	0.75 - 3.75	-	1.893	-	-	-	7.48	1.7	152.1	-		HydraSleeve
0089_MW228	13/12/2022	2.23	-	0.75 - 3.75	-	-	-	-	17,609	7.68	3.1	-84.5	-	Clear	HydraSleeve
0089_MW228	14/03/2023	2.23	0.1	0.75 - 3.75	-	2.13	-	-	1,454	-	1.67	-88.1	-	Clear, H2S odour	HydraSleeve
0089_MW228	8/06/2023	2.23	0.285	0.75 - 3.75	-	1.945	-	-	12,206	7.32	-	-154.7	-	Clear	HydraSleeve
0089_MW228	3/07/2023	2.23	0.422	0.75 - 3.75	-	1.808	-	-	20,389	7.14	-	19.3	-	No odour, no sheen, no turbidity, low sediment, clear, colourless	
0089_MW228	5/09/2023	2.23	0.17	0.75 - 3.75	-	2.06	-	-	7,084	7.27	2.98	160.8	-		HydraSleeve
0089_MW228	11/12/2023	2.23	-0.605	0.75 - 3.75	-	2.835	-	24.9	9,601	7.39	1.7	-82.1	-		HydraSleeve
0089_MW228	12/03/2024	2.23	-0.02	0.75 - 3.75	-	2.25	-	-	10,689	7.26	1.38	65.3	-	Cloudy,Green	HydraSleeve
0089_MW228	28/05/2024	2.23	0.33	0.75 - 3.75	-	1.9	-	-	-	7.5	-	62.4	-		HydraSleeve
0089_MW228	18/12/2024	2.23	0.045	0.75 - 3.75	4.06	2.185	3.1	21.3	8,918	7.25	1.72	-50.6	5,800	pale yellow, clear, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW228	10/03/2025	2.23	0.12	0.75 - 3.75	4.055	2.11	3.5	28.3	10,733	7.36	0.9	80.7	7,023	clear, yellow, no odour, no sheen, some organic matter floating throughout	No purge/hydrasleeve
0089_MW228	5/06/2025	2.23	0.474	0.75 - 3.75	3.356	1.756	3	19.6	10,293	7.69	11.14	-39.8	6,690	clear, yellow tinge, low turbidity, no sediment, no sheen, no odour, dead ants in the Hydrasleeve	No purge/hydrasleeve
0089_MW228	16/09/2025	2.23	0.28	0.75 - 3.75	3.75	1.95	3.1	16.9	13,535	7.25	7.82	-66	8,798	Low sediment load, yellow tinge, no sheen, no turbidity, do:30.7%	No purge/hydrasleeve
0089_MW233	8/08/2017	3.705	0.715	-	-	2.99	-	-	312	7.49	0.06	-210	-		
0089_MW233	12/11/2019	3.705	0.275	-	-	3.43	-	16.6	354.2	7.64	0.12	-	274.3	No sheen, colourless, no odour, low sediment load, some organic debris	
0089_MW233	30/03/2020	3.705	0.325	-	-	3.38	-	17.6	344	8.12	3.1	-	-		
0089_MW233	15/07/2020	3.705	0.805	-	-	2.9	-	16.5	272.4	8.28	-	80.2	-	QC107,QC207	
0089_MW233	21/09/2020	3.705	0.66	-	-	3.045	-	15.7	443.9	7.6	2.99	30.6	-	Cloudy	
0089_MW233	15/12/2020	3.705	0.345	-	-	3.36	-	17.3	396.8	8.28	1.65	-118.8	-	Clear	
0089_MW233	15/03/2021	3.705	0.525	-	-	3.18	-	18.9	695	8.51	-	-	-	Clear	
0089_MW233	9/06/2021	3.705	0.782	-	-	2.923	-	-	419.5	-	2.03	-	-	Clear	
0089_MW233	30/08/2021	3.705	0.911	-	-	2.794	-	-	442.6	8.39	2.1	190.6	-	Clear	Hydrasleeve
0089_MW233	8/11/2021	3.705	0.515	-	-	3.19	-	18.1	378.6	7.98	2.06	-90.1	-	colourless, clear, no odour, very low sediment load, no sheen, cardno hydrosleeve present	
0089_MW233	10/01/2022	3.705	0.375	-	-	3.33	-	-	483.6	8.51	3.59	-73.1	-		Hydrasleeve
0089_MW233	17/03/2022	3.705	0.395	-	-	3.31	-	-	-	8.5	3.32	-114.5	-	Clear	HydroSleeve
0089_MW233	3/05/2022	3.705	0.49	-	-	3.215	-	-	385.4	7.8	0.6	-11.1	-	Clear/colourless, no sheen, strong sulfidic odour, low turbidity, moderate organic matter present (ants, twigs)	
0089_MW233	8/06/2022	3.705	0.615	-	-	3.09	-	-	242.6	7.91	2.27	-83	-	Cloudy	Hydrasleeve
0089_MW233	6/09/2022	3.705	1.065	-	-	2.64	-	-	824	8.66	4.62	-33.1	-		HydraSleeve
0089_MW233	15/11/2022	3.705	0.452	-	-	3.253	-	-	462.9	7.81	1.59	13.6	-	Clear/colourless, no sheen, no odour, low turbidity	Hydrasleeve
0089_MW233	13/12/2022	3.705	-	-	-	-	-	15.7	414.9	8.14	1.23	23.5	-	Clear	HydraSleeve
0089_MW233	13/03/2023	3.705	0.35	-	-	3.355	-	-	331.7	8.32	2.52	23.6	-	Clear	HydraSleeve
0089_MW233	9/05/2023	3.705	0.663	-	-	3.042	-	20.1	328.8	8.02	-	-1.7	-	No odour, no sheen, light yellow, little sediment	Hydrasleeve
0089_MW233	6/06/2023	3.705	-1.263	-	-	4.968	-	-	274	8.28	3.73	17.8	-	Clear	HydraSleeve
0089_MW233	4/09/2023	3.705	-1.263	-	-	4.968	-	-	3,004	7.88	3.67	-14.4	-		HydraSleeve
0089_MW233	13/11/2023	3.705	0.292	-	-	3.413	-	-	443.5	7.91	-	118.9	-	clear, colourless, slight sulphidic odour, very low sediment load	Sleeve sampler
0089_MW233	13/12/2023	3.705	0.245	-	-	3.46	-	-	1,612	8	0.97	-152.9	-	Clear	HydraSleeve
0089_MW233	12/03/2024	3.705	0.255	-	-	3.45	-	-	303.2	7.48	3.77	-123.3	-	Clear	HydraSleeve
0089_MW233	17/05/2024	3.705	0.403	-	-	3.302	-	-	287.6	7.93	2.86	-49.5	-	Pale yellow, moderate turbidity, no odour, low sediment load, no sheen	Sleeve sampler
0089_MW233	29/05/2024	3.705	0.403	-	-	3.302	-	-	285.5	8.27	3.69	-113.8	-		HydraSleeve
0089_MW233	10/10/2024	3.705	0.615	-	-	3.09	-	-	426	7.76	3.2	-15.7	-	Clear, clear turbidity, nil odour	Grab
0089_MW233	13/12/2024	3.705	0.395	-	4.265	3.31	4.265	19.7	451.3	7.71	3.3	-84.8	293.4	pale yellow, clear, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW233	20/03/2025	3.705	0.425	-	-	3.28	-	-	756	7.77	7.7	212.7	-		Grab
0089_MW233	12/06/2025	3.705	1.609	-	4.48	2.096	4	18.3	308.1	7.59	11.89	-370.5	203.5	clear, colourless, low turbidity, no sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW233	16/09/2025	3.705	1.13	-	4.15	2.575	2.5	15.3	237.5	8.12	11.77	-83.5	154.8	Low sediment load, no turbidity, white , little bit cloudy	No purge/hydrasleeve
0089_MW236	8/08/2017	4.642	0.592	-	-	4.05	-	20.3	622	7.38	-	222	-		
0089_MW236	11/10/2019	4.642	0.39	-	-	4.252	-	20.7	578	7.36	1.92	-	409.5	No sheen, pale yellow, no odour, no sediment load	
0089_MW236	2/04/2020	4.642	0.466	-	-	4.176	-	22.4	579	7.62	5.92	-	-		
0089_MW236	16/07/2020	4.642	0.642	-	-	4	-	18.9	969	8.01	2.8	-10.9	-	QC108, QC208	
0089_MW236	21/09/2020	4.642	0.502	-	-	4.14	-	16.8	574	7.65	3.98	-2.4	-	Water Too Shallow	
0089_MW236	15/12/2020	4.642	0.462	-	-	4.18	-	21	616	-	3.19	7.5	-	Clear,Cloudy	
0089_MW236	16/03/2021	4.642	0.562	-	-	4.08	-	24.2	776	7.5	2.59	97.6	-	Clear	
0089_MW236	10/06/2021	4.642	0.632	-	-	4.01	-	21.9	726	8.33	-	-	-	Clear	
0089_MW236	31/08/2021	4.642	0.692	-	-	3.95	-	18.5	776	7.57	4.77	69.9	-	Clear	Hydrasleeve
0089_MW236	8/11/2021	4.642	0.525	-	-	4.117	-	-	882	7.53	3.76	-10.1	-	colourless, clear, no odour, very low sediment load, no sheen	
0089_MW236	16/11/2021	4.642	0.525	-	-	4.117	-	-	776	7.57	4.77	69.9	-		Hydrasleeve
0089_MW236	10/01/2022	4.642	0.538	-	-	4.104	-	-	816	7.66	2.94	49.9	-	Hydrasleeve broke upon retrieval.	HandBailing
0089_MW236	3/05/2022	4.642	0.571	-	-	4.071	-	-	709	7.36	-	92.3	-	Brown, no sheen, no odour, high turbidity	
0089_MW236	7/06/2022	4.642	0.647	-	-	3.995	-	-	-	7.71	3.29	24.7	-	Hydrasleeve didn't fill up during recovery	HandBailing
0089_MW236	6/09/2022	4.642	0.762	-	-	3.88	-	18.1	670	7.85	5.38	4.6	-	Slight fuel odour	HydraSleeve
0089_MW236	15/11/2022	4.642	0.541	-	-	4.101	-	-	681	7.57	4.52	-	-	pale yellow, no odour, no sheen, low sediment load	Peristaltic pump
0089_MW236	13/12/2022	4.642	-	-	-	-	-	-	715	7.77	3.63	79	-	Cloudy,Yellow	HandBailing
0089_MW236	10/05/2023	4.642	0.729	-	-	3.913	-	-	669	-	3.72	-3.9	-	Insufficient water for Hydrasleeve. Peri pump required. Clear, colourless, no sheen, no odour, low sediment load	Low Flow
0089_MW236	6/06/2023	4.642	0.522	-	-	4.12	-	-	738	7.59	-	141.8	-	Clear	HandBailing
0089_MW236	5/09/2023	4.642	0.557	-	-	4.085	-	19.9	662	7.66	3.58	118.5	-	Shallow water. Bailer used	HandBailing
0089_MW236	13/11/2023	4.642	0.421	-	-	4.221	-	-	699	7.59	3.62	78.9	-	brown, cloudy, medium turbidity, medium sediment load, slight organic odour, no sheen	Sleeve sampler
0089_MW236	13/12/2023	4.642	0.362	-	-	4.28	-	-	674	7.48	5.61	-46.6	-	Clear	HydraSleeve
0089_MW236	12/03/2024	4.642	0.402	-	-	4.24	-	-	722	7.37	2.97	8.8	-	Brown	HydraSleeve
0089_MW236	17/05/2024	4.642	0.735	-	-	3.907	-	-	657	7.54	3.09	-0.5	-	Pale yellow, clear, low turbidity, no odour, no sheen	Sleeve sampler
0089_MW236	13/12/2024	4.642	0.481	-	5.07	4.161	5	23.4	705	7.42	2.78	-37.7	458.7	light brown, clear, no odour, no sheen, moderate sediment	No purge/hydrasleeve
0089_MW236	18/03/2025	4.642	0.603		5.063	4.039	4.5	22	807	7.45	1.37	36.1	525	Low sediment load, pale brown grey, slightly coloury, no sheen, detectable but faint hydrocarbon odour	No purge/hydrasleeve
0089_MW236	1/04/2025	4.642	0.542	-	-	4.1	-	25.9	-	7.41	1.87	-	-		Grab
0089_MW236	12/06/2025	4.642	0.735	-	5.068	3.907	4	21.1	665	8.33	12.23	-417.5	432.9	clear, pale yellow, low turbidity, some brown sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW236	11/09/2025	4.642	0.846	-	-	3.796	-	-	-	7.63	5.01	-62.8	-	Clear/brown with some brown sediment, low turbidity, no odour, no sheen	HydraSleeve
0089_MW236	17/09/2025	4.642	0.846	-	5.6	3.796	4.5	19.6	666	7.6	4.97	-92.3	432.5	Colourless, low turbidity, low sediment load, no sheen, odorless, flow rate: 0.3L/min, do:54.8%	Low flow/peri pump
0089_MW238	4/08/2017	4.827	0.554	-	-	4.273	-	19.9	525	7.6	2.86	140	-		
0089_MW238	21/10/2019	4.827	0.337	-	-	4.49	-	20.8	553	7.55	4.56	-	390	No sheen, clear, no odour, very low sediment load	
0089_MW238	14/01/2020	4.827	0.827	-	-	4	-	24.2	985	8.44	19.95	-	-		
0089_MW238	1/04/2020	4.827	0.447	-	-	4.38	-	21.3	696	7.48	1.3	-	-		
0089_MW238	16/07/2020	4.827	0.512	-	-	4.315	-	19.8	-	7.85	-	18.2	-		
0089_MW238	21/09/2020	4.827	0.437	-	-	4.39	-	18.1	616	7.74	4.64	31.5	-	Cloudy,Brown	
0089_MW238	30/09/2020	4.827	0.437	-	-	4.39	-	20.5	674	7.7	2.64	97.3	-	Colourless, no odour, no sheen, no sediment load	
0089_MW238	15/12/2020	4.827	0.322	-	-	4.505	-	22	-	7.65	1.51	-9.2	-	Clear,Cloudy	
0089_MW238	15/02/2021	4.827	0.351	-	-	4.476	-	-	639	7.39	46	104.9	-	Clear, slight orange/brown-tinge, no odour, no sheen, low to moderate sediment load	
0089_MW238	18/03/2021	4.827	0.377	-	-	4.45	-	21.3	728	7.74	1.31	2.8	-	Clear	
0089_MW238	10/06/2021	4.827	0.537	-	-	4.29	-	21.3	779	-	2.58	-	-	Clear	

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW238	31/08/2021	4.827	0.852	-	-	3.975	-	-	665	7.81	4.26	75.4	-	Clear	Hydrasleeve
0089_MW238	16/11/2021	4.827	0.852	-	-	3.975	-	-	665	-	4.26	75.4	-		Hydrasleeve
0089_MW238	12/01/2022	4.827	0.415	-	-	4.412	-	-	-	7.64	2.28	108.5	-	Clear no odour	Hydrasleeve
0089_MW238	9/06/2022	4.827	0.547	-	-	4.28	-	19.8	679	7.84	1.93	-2.5	-	Cloudy	Hydrasleeve
0089_MW238	6/09/2022	4.827	0.847	-	-	3.98	-	-	636	7.83	4.37	76.5	-		HydraSleeve
0089_MW238	13/12/2022	4.827	-	-	-	-	-	-	673	7.86	2.85	-	-	Cloudy	HydraSleeve
0089_MW238	15/03/2023	4.827	0.357	-	-	4.47	-	-	764	-	0.97	89.2	-	Clear	HydraSleeve
0089_MW238	5/09/2023	4.827	0.517	-	-	4.31	-	-	347	7.55	1.61	-17.5	-		HydraSleeve
0089_MW238	12/12/2023	4.827	0.577	-	-	4.25	-	-	696	7.55	1.66	-93.5	-	Clear	HydraSleeve
0089_MW238	12/03/2024	4.827	0.237	-	-	4.59	-	-	772	7.49	2.76	56.1	-	Clear	HydraSleeve
0089_MW238	29/05/2024	4.827	0.387	-	-	4.44	-	-	561	-	4.43	-14.3	-		HydraSleeve
0089_MW238	13/12/2024	4.827	0.377	-	7.03	4.45	5.5	23.2	737	7.26	1.65	-35.6	479.6	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW238	17/03/2025	4.827	0.407	-	7.045	4.42	6.5	21.9	697	7.53	0.94	-37	453.6	clear, colourless, sulfidic odour, roots on top of HS, no sheen	No purge/hydrasleeve
0089_MW238	12/06/2025	4.827	0.616	-	7.032	4.211	5.5	20.3	815	8.16	8.63	-404.8	531	clear, colourless, low turbidity, no sediment, no sheen, no odour, some floating organic matter and rootlets at top of Hydrasleeve	No purge/hydrasleeve
0089_MW238	17/09/2025	4.827	0.957	-	7.3	3.87	7	20.7	678	7.47	2.15	-84.5	441	Pale yellow, low sediment load, no sheen, no odor, do:21.8%, bore 3	No purge/hydrasleeve
0089_MW239	4/08/2017	4.03	0.545	-	-	3.485	-	19.8	-	7.42	1.65	-98	-		
0089_MW239	18/10/2019	4.03	0.335	-	-	3.695	-	20.6	-	7.48	5.07	-	403	No sheen, clear, no odour, very low sediment load	
0089_MW239	22/07/2020	4.03	0.525	-	-	3.505	-	17.8	18,786	-	6.11	-	-	Bore is damaged/bent	
0089_MW239	21/09/2020	4.03	0.44	-	-	3.59	-	-	561	-	5.38	38.5	-	Cloudy,Brown	
0089_MW239	1/10/2020	4.03	0.437	-	-	3.593	-	20.1	618	7.85	1.87	-	-	Colourless, no odour, no sheen, no sediment load	
0089_MW239	15/12/2020	4.03	0.305	-	-	3.725	-	21.3	635	7.6	1.03	9	-	Clear	
0089_MW239	15/02/2021	4.03	0.336	-	-	3.694	-	23.6	655	7.21	20.9	101.3	-	Clear, slight orange to brown tinge, mild organic odour, no sheen, low to moderate sediment load.	
0089_MW239	18/03/2021	4.03	0.4	-	-	3.63	-	22.8	709	7.83	1.44	96	-	Clear	
0089_MW239	10/06/2021	4.03	0.519	-	-	3.511	-	21	696	-	1.22	-	-	Cloudy,Clear	
0089_MW239	31/08/2021	4.03	0.77	-	-	3.26	-	-	581	7.84	5.22	72.3	-	Brown	Hydrasleeve
0089_MW239	9/11/2021	4.03	0.53	-	-	3.5	-	-	710	7.68	2.81	-127.3	-	pale brown, slightly cloudy, no odour, low to moderate sediment load, no sheen	
0089_MW239	16/11/2021	4.03	0.53	-	-	3.5	-	-	581	7.84	5.22	72.3	-		Hydrasleeve
0089_MW239	12/01/2022	4.03	0.396	-	-	3.634	-	21.2	476.1	7.75	4.52	105.6	-	Clear slight diesel odour	Hydrasleeve
0089_MW239	3/05/2022	4.03	0.404	-	-	3.626	-	-	767	7.32	-	-	-	Pale brown, no sheen, no odour, moderate turbidity, high sediment load at bottom of hydrasleeve	
0089_MW239	9/06/2022	4.03	0.53	-	-	3.5	-	-	643	7.79	3.61	1.3	-	Cloudy	Hydrasleeve
0089_MW239	6/09/2022	4.03	0.83	-	-	3.2	-	-	632	7.83	5.45	-	-	Well buried in sand stockpile	HydraSleeve
0089_MW239	13/12/2022	4.03	-	-	-	-	-	-	634	7.86	3.29	120.3	-	Cloudy	HydraSleeve
0089_MW239	15/03/2023	4.03	0.34	-	-	3.69	-	-	732	7.7	3.8	93.5	-	Cloudy	HydraSleeve
0089_MW239	9/05/2023	4.03	0.598	-	-	3.432	-	-	657	7.67	2.4	22.5	-	Pale yellow, cloudy, no odour, no sheen, moderate turbidity	Hydrasleeve
0089_MW239	5/09/2023	4.03	0.5	-	-	3.53	-	20.1	758	7.55	3	-12.6	-		HydraSleeve
0089_MW239	17/11/2023	4.03	0.315	-	-	3.715	-	-	762	-	4.23	95.7	-	very pale yellow, clear, slight hydocarbon odour, no sheen, low sediment load	Sleeve sampler
0089_MW239	12/03/2024	4.03	0.21	-	-	3.82	-	-	702	7.54	2.88	73.1	-	Clear	HydraSleeve
0089_MW239	17/05/2024	4.03	0.315	-	-	3.715	-	23.9	702	7.5	3.71	-5.2	-	Yellow/brown, moderate turbidity, no odour, no sheen	Sleeve sampler
0089_MW239	29/05/2024	4.03	0.315	-	-	3.715	-	-	576	-	4.22	-3.6	-		HydraSleeve
0089_MW239	30/10/2024	4.03	0.43	-	-	3.6	-	-	479.8	7.52	1.48	-	-	Light brown, clear turbidity, weak hydrocarbon odour	Grab
0089_MW239	13/12/2024	4.03	0.367	-	5.115	3.663	5.1	24.4	615	7.53	1.8	-32.8	400	orange, clear, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW239	1/04/2025	4.03	0.43	-	-	3.6	-	-	944	7.52	1.63	177.1	-		Grab
0089_MW239	17/09/2025	4.03	0.68	-	5.9	3.35	4.5	20.6	555	7.52	1.19	-94.5	360.7	Clear, no odor, low sediment load, no sheen, no turbidity, do:12.8%	
0089_MW240	4/08/2017	4.483	0.543	-	-	3.94	-	21	695	7.23	0.73	140	-		
0089_MW240	21/10/2019	4.483	0.324	-	-	4.159	-	21.8	779	7.25	1.14	-	539.5	No sheen, clear, no odour, no sediment	
0089_MW240	14/01/2020	4.483	1.783	-	-	2.7	-	27.4	1,112	7.51	19.11	-	-		
0089_MW240	1/04/2020	4.483	0.303	-	-	4.18	-	23	888	7.51	4.01	-	-		
0089_MW240	16/07/2020	4.483	0.493	-	-	3.99	-	20.3	888	-	1.57	15.6	-		
0089_MW240	21/09/2020	4.483	0.448	-	-	4.035	-	18.2	755	7.4	1.76	18.8	-	Brown,Clear	
0089_MW240	30/09/2020	4.483	0.448	-	-	4.035	-	-	-	7.43	1.76	87.3	-	Colourless, no odour, no sheen, no sediment load	
0089_MW240	15/12/2020	4.483	0.293	-	-	4.19	-	22.6	796	7.43	-	-14.1	-	Clear	
0089_MW240	15/02/2021	4.483	0.346	-	-	4.137	-	-	960	7.36	0.67	124.7	-	Clear, colourless-very pale gold, no odour, no sheen, very low to no sediment load.	
0089_MW240	18/03/2021	4.483	-0.217	-	-	4.7	-	23.7	964	7.75	2.49	86.9	-	Clear	
0089_MW240	10/06/2021	4.483	0.543	-	-	3.94	-	21.4	942	8.28	1.5	-	-	Cloudy	
0089_MW240	31/08/2021	4.483	0.813	-	-	3.67	-	-	834	7.5	2.92	81.3	-	Clear	Hydrasleeve
0089_MW240	16/11/2021	4.483	0.813	-	-	3.67	-	-	834	7.5	2.92	81.3	-		Hydrasleeve
0089_MW240	12/01/2022	4.483	0.415	-	-	4.068	-	-	863	7.41	2.07	99.9	-		Hydrasleeve
0089_MW240	9/06/2022	4.483	0.548	-	-	3.935	-	-	-	7.64	2.34	-	-	Cloudy	Hydrasleeve
0089_MW240	6/09/2022	4.483	0.826	-	-	3.657	-	19.5	775	7.51	2.35	83.2	-	Hydrocarbons	HydraSleeve
0089_MW240	13/12/2022	4.483	-	-	-	-	-	-	774	7.65	2.22	-	-	Cloudy	HydraSleeve
0089_MW240	15/03/2023	4.483	0.373	-	-	4.11	-	-	878	7.45	1.77	78	-	Cloudy	HydraSleeve
0089_MW240	5/09/2023	4.483	0.513	-	-	3.97	-	-	815	7.45	1.84	-22.2	-		HydraSleeve
0089_MW240	12/12/2023	4.483	0.283	-	-	4.2	-	-	812	7.55	-	-83.6	-		HydraSleeve
0089_MW240	12/03/2024	4.483	0.233	-	-	4.25	-	-	868	7.35	1.71	47.1	-	Slight fuel odour	HydraSleeve
0089_MW240	29/05/2024	4.483	0.413	-	-	4.07	-	-	627	7.55	-	-3.1	-		HydraSleeve
0089_MW240	13/12/2024	4.483	0.373	-	6.8	4.11	5.1	23.5	706	7.35	2.29	-37.9	458.6	clear, colourless, no sheen, no odour, minor sediment	No purge/hydrasleeve
0089_MW240	17/03/2025	4.483	0.421		6.805	4.062	6.3	23.3	879	7.53	2	38.1	571	moderately cloudy, colourless w brown sediment settled at bottom, weak hydrocarbon odour	No purge/hydrasleeve
0089_MW240	12/06/2025	4.483	0.631	-	6.799	3.852	6	20.1	954	9.01	9.01	-375.6	619	clear, colourless, low turbidity, some brown sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW240	11/09/2025	4.483	1.001	-	-	3.482	-	-	795	7.41	3.77	-117.3	-	Clear, no turbidity, no odour, no sheen	HydraSleeve
0089_MW240	17/09/2025	4.483	1.001	-	6	3.482	4	21.7	691	7.47	3.95	-86.5	448.5	Pale brown, low sediment load, no sheen, no odor, do::34.5%	No purge/hydrasleeve
0089_MW242	7/08/2017	3.539	0.489	-	-	3.05	-	21.9	579	-	-	-	-		
0089_MW242	18/10/2019	3.539	0.301	-	-	3.238	-	21.7	508	7.57	0.63	-	351	No sheen, clear, no odour, no sediment load	
0089_MW242	30/03/2020	3.539	-0.395	-	-	3.934	-	21.2	493.2	7.98	1.39	-	-		
0089_MW242	16/07/2020	3.539	0.514	-	-	3.025	-	21.5	462.6	7.88	2.34	23.7	-		
0089_MW242	21/09/2020	3.539	0.414	-	-	3.125	-	-	538	-	2.77	-	-	Clear	
0089_MW242	1/10/2020	3.539	0.434	-	-	3.105	-	-	609	7.63	1.03	73.8	-	Colourless, no odour, no sheen, no sediment load	
0089_MW242	15/12/2020	3.539	0.274	-	-	3.265	-	23.3	653	7.68	0.71	-12.9	-	Clear	
0089_MW242	16/02/2021	3.539	0.319	-	-	3.22	-	-	604	7.13	0.43	-	-	Clear, colourless, mild organic odour, no sheen, low sediment load	
0089_MW242	18/03/2021	3.539	0.109	-	-	3.43	-	23.6	36,676	7.42	2.43	39	-	Clear	
0089_MW242	9/06/2021	3.539	0.509	-	-	3.03	-	20.8	-	7.81	2.48	-	-	Clear	
0089_MW242	31/08/2021	3.539	0.784	-	-	2.755	-	-	-	7.71	3.52	84	-	Clear	Hydrasleeve
0089_MW242	9/11/2021	3.539	0.501	-	-	3.038	-	-	704	-	-	-9.3	-	slightly cloudy, no odour, low sediment load, no sheen	
0089_MW242	12/01/2022	3.539	0.369	-	-	3.17	-	-	1,508	8.01	0.87	-105.4	-		Hydrasleeve
0089_MW242	17/03/2022	3.539	0.319	-	-	3.22	-	-	477.1	7.89	1.49	-73.6	-	Clear	HydroSleeve
0089_MW242	3/05/2022	3.539	0.394	-	-	3.145	-	-	554	7.72	0.7	123.3	-	Clear/colourless, no sheen, no odour, low turbidity	

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW242	8/06/2022	3.539	0.509	-	-	3.03	-	-	518.1	-	1.65	-25	-	Clear	Hydrasleeve
0089_MW242	6/09/2022	3.539	0.794	-	-	2.745	-	-	700	7.86	3.18	59.4	-		HydraSleeve
0089_MW242	14/11/2022	3.539	0.45	-	-	3.089	-	-	533.5	7.32	-	2.3	-	Pale yellow, no sheen, weak organic odour, low turbidity	Hydrasleeve
0089_MW242	13/12/2022	3.539	-	-	-	-	-	-	497.4	7.58	1.13	155.2	-	Cloudy	HydraSleeve
0089_MW242	15/03/2023	3.539	0.309	-	-	3.23	-	-	450.9	7.77	1.95	30.6	-	Clear	HydraSleeve
0089_MW242	9/05/2023	3.539	0.561	-	-	2.978	-	24.9	442.1	7.77	1.67	-	-	Clear, colourless, slight turbidity, no sheen, no odour, some sediment present at bottom	Hydrasleeve
0089_MW242	4/09/2023	3.539	0.454	-	-	3.085	-	-	249.7	-	-	-	-		HydraSleeve
0089_MW242	17/11/2023	3.539	0.28	-	-	3.259	-	-	464.9	7.8	2.24	61.3	-	very pale yelllow, clear, no sheen, very low sediment load, low turbidity, no odour	Sleeve sampler
0089_MW242	13/12/2023	3.539	0.239	-	-	3.3	-	-	468.8	-	2.28	-105	-	Clear	HydraSleeve
0089_MW242	12/03/2024	3.539	0.179	-	-	3.36	-	-	-	7.57	-	-	-	Clear	HydraSleeve
0089_MW242	17/05/2024	3.539	0.294	-	-	3.245	-	24.7	429.8	-	1.64	-35.3	-	Pale yellow, low to moderate turbidity, no odour, no sheen	Sleeve sampler
0089_MW242	19/11/2024	3.539	0.489	-	-	3.05	-	-	424.3	8.1	3.8	-	-	Clear, low turbidity, nil odour	Grab
0089_MW242	13/12/2024	3.539	0.334	-	4.263	3.205	4.25	24.3	461.4	7.62	1.76	-41.3	300.2	brown , cloudy, no sheen, no odour, moderate sediment	No purge/hydrasleeve
0089_MW242	17/03/2025	3.539	0.355	-	4.26	3.184	3.5	26.8	472	7.82	1.4	-127.1	307.4	very cloudy and dark grey brown, sulfific odour, no sheen	No purge/hydrasleeve
0089_MW242	25/03/2025	3.539	0.355	-	-	3.184	-	-	810	7.6	0.3	-	-		Grab
0089_MW242	4/06/2025	3.539	0.56	-	4.259	2.979	3.5	24.2	552	7.73	26.2	4.2	358.2	clear, low turbidity, no sediment, no sheen, no odour, 50ml/min	Low flow/peri pump
0089_MW242	11/09/2025	3.539	0.997	-	-	2.542	-	-	786	7.67	-	-6.13	-	Clear, no turbidity, no odour, no sheen	HydraSleeve
0089_MW242	17/09/2025	3.539	0.961	-	4.26	2.578	3.2	21.4	689	7.64	3.86	-93.5	447.5	Pale yellow, low sediment load, no turbidity, no sheen, odourless, do:33.1%	No purge/hydrasleeve
0089_MW243	24/10/2019	4.892	0.271	-	-	4.621	-	20.7	701	7.49	0.24	-	494	No sheen, clear, no odour, low sediment load	
0089_MW243	14/01/2020	4.892	0.262	-	-	4.63	-	23.4	450.5	-	5.55	-	-		
0089_MW243	1/04/2020	4.892	0.292	-	-	4.6	-	21.2	766	7.51	-	-	-		
0089_MW243	16/07/2020	4.892	0.502	-	-	4.39	-	19.9	868	7.74	3.25	-	-		
0089_MW243	21/09/2020	4.892	0.422	-	-	4.47	-	17.8	704	7.58	3.21	19.4	-	Clear	
0089_MW243	30/09/2020	4.892	0.422	-	-	4.47	-	20.4	-	7.53	1.17	-	-	Colourless, no odour, no sheen, no sediment load	
0089_MW243	15/12/2020	4.892	0.322	-	-	4.57	-	22.4	-	7.58	1.65	-9.2	-	Clear	
0089_MW243	15/02/2021	4.892	0.322	-	-	4.57	-	21.6	917	7.46	0.55	70.3	-	Clear, pale-orange, no sheen, no odour, very low sediment load.	
0089_MW243	18/03/2021	4.892	0.392	-	-	4.5	-	21.7	-	7.73	2.29	-5.1	-	Clear	
0089_MW243	10/06/2021	4.892	0.526	-	-	4.366	-	20.2	825	7.65	3	-	-	Clear	
0089_MW243	31/08/2021	4.892	0.757	-	-	4.135	-	19.9	800	7.64	2.86	80.6	-	Clear	Hydrasleeve
0089_MW243	9/11/2021	4.892	0.493	-	-	4.399	-	-	959	-	1.85	-140.8	-	colourless, clear, no odour, very low sediment load, no sheen	
0089_MW243	16/11/2021	4.892	0.493	-	-	4.399	-	-	800	-	2.86	80.6	-		Hydrasleeve
0089_MW243	12/01/2022	4.892	0.393	-	-	4.499	-	-	1,026	7.1	2.06	109.5	-		Hydrasleeve
0089_MW243	3/05/2022	4.892	0.415	-	-	4.477	-	-	1,171	6.19	1.7	174.2	-	Clear/colourless, no sheen, no odour, low turbidity	
0089_MW243	9/06/2022	4.892	0.652	-	-	4.24	-	-	908	7.74	3.07	-3.4	-	Brown,Cloudy	Hydrasleeve
0089_MW243	6/09/2022	4.892	0.772	-	-	4.12	-	-	916	7.62	2.31	68	-		HydraSleeve
0089_MW243	14/11/2022	4.892	0.464	-	-	4.428	-	-	987	-	1.67	1.4	-	Pale yellow, no sheen, no odour, moderate turbidity, brown stained hydrasleeve	Hydrasleeve
0089_MW243	13/12/2022	4.892	-	-	-	-	-	-	929	7.6	2.11	140.8	-	Cloudy	HydraSleeve
0089_MW243	15/03/2023	4.892	0.342	-	-	4.55	-	-	969	7.49	-	58.8	-	Cloudy	HydraSleeve
0089_MW243	9/05/2023	4.892	0.595	-	-	4.297	-	-	953	7.53	2.63	-	-	No odour, sediment at bottom, yellow/brown colour, no sheen	Hydrasleeve
0089_MW243	5/09/2023	4.892	0.492	-	-	4.4	-	-	393	7.25	2.78	-19.8	-		HydraSleeve
0089_MW243	17/11/2023	4.892	0.312	-	-	4.58	-	-	988	7.58	2.02	91.1	-	no odour, pale yellow, low sediment load, no sheen	Sleeve sampler
0089_MW243	12/12/2023	4.892	0.252	-	-	4.64	-	-	-	7.58	3.22	-24.7	-	Cloudy	HydraSleeve
0089_MW243	12/03/2024	4.892	0.222	-	-	4.67	-	-	825	7.5	3.57	51.4	-	Slight fuel odour	HydraSleeve
0089_MW243	17/05/2024	4.892	0.348	-	-	4.544	-	-	905	7.38	1.34	-7.3	-	Pale grey, moderate turbidity, no odour, no sediment load, no sheen	Sleeve sampler
0089_MW243	29/05/2024	4.892	0.348	-	-	4.544	-	-	603	7.7	5.62	-6	-		HydraSleeve
0089_MW243	30/10/2024	4.892	0.392	-	-	4.5	-	-	711	7.43	1.41	45	-	Clear, clear turbidity, weak hydrocarbon odour	Grab
0089_MW243	13/12/2024	4.892	0.352	-	7	4.54	5.5	23	913	7.36	1.67	-24.4	594	clear, colourless, no sheen, no odour, minor sediment	No purge/hydrasleeve
0089_MW243	17/03/2025	4.892	0.401		7.002	4.491	6.5	21.2	1,412	7.59	1.7	60.4	914	clear, colourless, odourless, organic sediment settled at bottom of sleeve	No purge/hydrasleeve
0089_MW243	1/04/2025	4.892	0.292	-	-	4.6	-	-	643	7.54	2.95	171.9	-		Grab
0089_MW243	12/06/2025	4.892	0.614	-	6.948	4.278	5.5	19.6	933	7.44	10.91	-419	605	clear, colourless, low turbidity, some brown sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW243	17/09/2025	4.892	-		6.93	4	4.6	-	821	7.56	3.19	-88.6	533	Pale white, low sediment load, no odour, no sheen	No purge/hydrasleeve
0089_MW245	4/08/2017	4.551	1.271	-	-	3.28	-	19.3	768	6.83	0.05	-185	-		
0089_MW245	21/10/2019	4.551	0.291	-	-	4.26	-	20.3	722	6.9	-	-	520	No sheen, faint yellow tinge, hydrocarbon odour, slight sediment (black specks)	
0089_MW245	14/01/2020	4.551	-0.249	-	-	4.8	-	23.4	3,863	-	4.07	-	-		
0089_MW245	1/04/2020	4.551	0.271	-	-	4.28	-	21.5	-	7.07	-	-	-		
0089_MW245	16/07/2020	4.551	0.566	-	-	3.985	-	19.9	1,238	7.15	2.25	-0.5	-		
0089_MW245	21/09/2020	4.551	0.431	-	-	4.12	-	18.1	916	7.05	-	26.2	-	Cloudy,Black	
0089_MW245	30/09/2020	4.551	0.431	-	-	4.12	-	20.3	987	7.09	1.12	-97.5	-	Pale yellow, moderate hydrocarbon odour, slight sheen, no sediment load	
0089_MW245	15/12/2020	4.551	0.316	-	-	4.235	-	21.3	914	7.36	1.67	-90.4	-	Hydrocarbon smell	
0089_MW245	15/02/2021	4.551	0.325	-	-	4.226	-	-	1,018	6.95	0.01	-162.7	-	Clear, very pale gold, moderate hydrocarbon odour, no sheen, low sediment load (sediment very fine and black)	
0089_MW245	18/03/2021	4.551	0.381	-	-	4.17	-	21.9	879	7.11	2.11	-	-	Black, hydrocarbon odour	
0089_MW245	10/06/2021	4.551	0.571	-	-	3.98	-	21.8	1,155	7.36	0.88	-	-	Black. Diesel smell	
0089_MW245	31/08/2021	4.551	0.761	-	-	3.79	-	-	705	-	-	69.5	-	Cloudy	Hydrasleeve
0089_MW245	9/11/2021	4.551	0.489	-	-	4.062	-	-	746	-	0.64	-74.6	-	very pale yellow, clear, moderate degraded hydrocarbon odour, low sediment load, no sheen	
0089_MW245	16/11/2021	4.551	0.489	-	-	4.062	-	-	705	7.4	-	69.5	-		Hydrasleeve
0089_MW245	12/01/2022	4.551	0.371	-	-	4.18	-	-	754	-	1.81	-47.7	-		Hydrasleeve
0089_MW245	3/05/2022	4.551	0.395	-	-	4.156	-	-	839	-	0.9	76.4	-	Pale yellow, no sheen, strong organic odour, moderate turbidity	
0089_MW245	9/06/2022	4.551	0.509	-	-	4.042	-	-	-	7.28	2.69	-101.7	-	Clear	Hydrasleeve
0089_MW245	6/09/2022	4.551	0.836	-	-	3.715	-	-	723	7.29	0.85	-	-	Hydrocarbons	HydraSleeve
0089_MW245	14/11/2022	4.551	0.471	-	-	4.08	-	-	644	7.47	3.56	-5.7	-	Brown, no sheen, moderate hydrocarbon odour, moderate turbidity	Hydrasleeve
0089_MW245	13/12/2022	4.551	-	-	-	-	-	-	611	7.62	1.62	-	-	Cloudy,Yellow, Hydrocarbon odour	HydraSleeve
0089_MW245	15/03/2023	4.551	0.321	-	-	4.23	-	-	-	7.35	1.76	-104.3	-	Clear, hydrocarbon odour	HydraSleeve
0089_MW245	9/05/2023	4.551	-0.425	-	-	4.976	-	-	-	7.23	1.74	22	-	Small white flocuets, slight hydrocarbon odour, colourless, no sheen, slight turbidity	Hydrasleeve
0089_MW245	5/09/2023	4.551	0.471	-	-	4.08	-	-	430.7	7.3	3.26	-22.9	-		HydraSleeve
0089_MW245	17/11/2023	4.551	0.281	-	-	4.27	-	-	772	7.28	17.3	-82.4	-	strong hydrocarbon odour, grey, clear, low sediment load	Sleeve sampler
0089_MW245	12/12/2023	4.551	0.231	-	-	4.32	-	-	766	7.23	4.09	-99.2	-		HydraSleeve
0089_MW245	12/03/2024	4.551	0.191	-	-	4.36	-	-	-	7.01	2.97	-118.1	-	Fuel odour	HydraSleeve
0089_MW245	17/05/2024	4.551	0.313	-	-	4.238	-	-	478.1	7.34	1.44	-114.5	-	Pale grey, moderate hydrocarbon odour, black flocculants present	Sleeve sampler
0089_MW245	29/05/2024	4.551	0.313	-	-	4.238	-	-	351.6	-	-	-	-		HydraSleeve
0089_MW245	30/10/2024	4.551	0.371	-	-	4.18	-	-	-	7.18	0.9	49.7	-	Light brown, clear turbidity, moderate hydrocarbon odour	Grab
0089_MW245	13/12/2024	4.551	0.338	-	6.33	4.213	5.2	21.2	433.7	7.31	2.27	-31.1	282.6	pale yellow, clear, no sheen, hydrocarbon odour, no sediment	No purge/hydrasleeve
0089_MW245	17/03/2025	4.551	0.378	-	6.335	4.173	5.8	21.5	456	7.48	2	-78	296.4	clear, light pale grey, strong hydrocarbon odour, no sheen	No purge/hydrasleeve
0089_MW245	31/03/2025	4.551	0.378	-	-	4.173	-	-	616	7.45	0.91	232.5	-		Grab
0089_MW245	12/06/2025	4.551	0.603	-	6.327	3.948	5	18.5	792	7.07	8.84	-357.8	515	clear, colourless, low turbidity, no sediment load, slight sheen, moderate to strong hydrocarbon odour	No purge/hydrasleeve
0089_MW245	11/09/2025	4.551	0.96	-	-	3.591	-	-	930	-	0.52	-76.8	-	Clear, no turbidity, no odour, no sheen	HydraSleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW245	17/09/2025	4.551	0.96	-	6.33	3.591	4.4	18.1	435.6	7.42	1.6	-98.1	283.5	Strong hydrocarbon odour, some orange floating particles, low sediment load, low turbidity, no sheen, do:13.6%	No purge/hydrasleeve
0089_MW249	7/08/2017	5.227	0.439	3.5 - 6.5	-	4.788	-	21.7	1,775	7.34	-0.01	-200	-		
0089_MW249	15/11/2019	5.227	0.165	3.5 - 6.5	-	5.062	-	23.8	-	7.13	0.12	-	877.5	No sheen, pale yellow, slight odour, very low sediment load	
0089_MW249	30/03/2020	5.227	0.191	3.5 - 6.5	-	5.036	-	21.2	998	7.51	2.63	-	-		
0089_MW249	16/07/2020	5.227	0.427	3.5 - 6.5	-	4.8	-	20.8	1,308	7.63	-	-11.3	-	QC110, QC210	
0089_MW249	21/09/2020	5.227	0.342	3.5 - 6.5	-	4.885	-	18.5	1,198	7.43	2.7	68	-	Cloudy,Black	
0089_MW249	1/10/2020	5.227	0.341	3.5 - 6.5	-	4.886	-	-	1,365	7.3	0.15	-154.2	-	Colourless, no odour, no sheen, no sediment load	
0089_MW249	15/12/2020	5.227	0.212	3.5 - 6.5	-	5.015	-	-	1,098	7.33	0.9	-	-	Sampled with bailer (water too shallow for hydrasleeve)	
0089_MW249	16/02/2021	5.227	0.235	3.5 - 6.5	-	4.992	-	-	1,268	7.27	0.29	-149.1	-	Slightly cloudy, colourless to cream, no sheen, slight sulfidic odour, low sediment load.	
0089_MW249	15/03/2021	5.227	0.297	3.5 - 6.5	-	4.93	-	22.6	1,305	7.5	-	-197.2	-	Black	
0089_MW249	9/06/2021	5.227	0.254	3.5 - 6.5	-	4.973	-	19.2	1,243	7.32	0.94	-	-	Black,Cloudy	
0089_MW249	31/08/2021	5.227	0.657	3.5 - 6.5	-	4.57	-	-	1,303	-	2.56	82.6	-		Hydrasleeve
0089_MW249	12/01/2022	5.227	0.277	3.5 - 6.5	-	4.95	-	-	1,256	7.43	2.09	-24.2	-	No odour. Clayey orange in colour	Hydrasleeve
0089_MW249	17/03/2022	5.227	0.237	3.5 - 6.5	-	4.99	-	-	1,175	7.47	0.92	-178.8	-	Clear	HydroSleeve
0089_MW249	8/06/2022	5.227	0.432	3.5 - 6.5	-	4.795	-	-	1,239	7.49	0.77	-149.6	-	Clear	Hydrasleeve
0089_MW249	6/09/2022	5.227	0.655	3.5 - 6.5	-	4.572	-	-	1,209	7.42	2.88	48.5	-		HydraSleeve
0089_MW249	13/12/2022	5.227	-	3.5 - 6.5	-	-	-	-	-	-	1.77	64.1	-	Cloudy	HydraSleeve
0089_MW249	13/03/2023	5.227	0.232	3.5 - 6.5	-	4.995	-	-	1,298	7.41	1.42	-94.6	-	Clear	HydraSleeve
0089_MW249	6/06/2023	5.227	0.377	3.5 - 6.5	-	4.85	-	-	1,312	7.38	0.87	-146.9	-	Clear	HydraSleeve
0089_MW249	4/09/2023	5.227	0.377	3.5 - 6.5	-	4.85	-	-	1,396	7.43	-	-30.8	-		HydraSleeve
0089_MW249	12/12/2023	5.227	0.137	3.5 - 6.5	-	5.09	-	23.6	1,290	7.33	4	-100.5	-		HydraSleeve
0089_MW249	13/03/2024	5.227	0.107	3.5 - 6.5	-	5.12	-	-	1,398	7.25	0.64	21.4	-	Cloudy	HydraSleeve
0089_MW249	29/05/2024	5.227	0.302	3.5 - 6.5	-	4.925	-	-	1,041	7.4	3.58	-25.3	-		HydraSleeve
0089_MW249	13/12/2024	5.227	0.252	3.5 - 6.5	6.25	4.975	6.25	24.2	1,277	7.14	1.74	-50.8	830	grey, cloudy, no sheen, no odour, moderate sediment	No purge/hydrasleeve
0089_MW249	17/03/2025	5.227	0.277	3.5 - 6.5	6.26	4.95	5.5	23.9	1,435	7.22	1.16	-101.6	933	cloudy and grey brown, hydrocarbon odour, hydrocarbon staining on HS	No purge/hydrasleeve
0089_MW249	4/06/2025	5.227	0.463	3.5 - 6.5	6.236	4.764	5	21.4	1,532	7.43	1,279	-1,624	996	clear, some black staining on Hydrasleeve, low turbidity, no sheen, distinct hydrocarbon odour, some rootlets at top of Hydrasleeve	No purge/hydrasleeve
0089_MW255	4/08/2017	4.609	0.559	3 - 6	-	4.05	-	18.9	862	7.37	3.3	72	-		
0089_MW255	16/07/2020	4.609	0.594	3 - 6	-	4.015	-	19.9	-	7.69	-	769	-	QC109, QC209	
0089_MW255	22/09/2020	4.609	0.509	3 - 6	-	4.1	-	-	932	7.37	2.95	75	-	Cloudy,Black	
0089_MW255	16/12/2020	4.609	0.429	3 - 6	-	4.18	-	23	662	0.34	-	-17.5	-		
0089_MW255	17/03/2021	4.609	0.509	3 - 6	-	4.1	-	24.3	-	7.64	0.96	-80	-	Clear	
0089_MW255	10/06/2021	4.609	0.579	3 - 6	-	4.03	-	20.3	968	7.89	0.99	-	-	Roots	
0089_MW255	31/08/2021	4.609	0.619	3 - 6	-	3.99	-	-	928	7.45	-	-31.7	-	Cloudy	Hydrasleeve
0089_MW255	16/11/2021	4.609	0.619	3 - 6	-	3.99	-	-	928	7.45	2.21	-31.7	-		Hydrasleeve
0089_MW255	10/01/2022	4.609	0.459	3 - 6	-	4.15	-	-	786	-	0.84	70.4	-	Clear no odour	Hydrasleeve
0089_MW255	17/03/2022	4.609	0.489	3 - 6	-	4.12	-	-	808	7.72	0.85	-173.5	-	Clear	HydroSleeve
0089_MW255	9/06/2022	4.609	0.604	3 - 6	-	4.005	-	19.6	816	7.74	1.37	-70.8	-	Cloudy	Hydrasleeve
0089_MW255	6/09/2022	4.609	-1.391	3 - 6	-	6	-	-	878	7.56	1.04	-58.7	-		HydraSleeve
0089_MW255	13/12/2022	4.609	-	3 - 6	-	-	-	-	929	7.73	1.39	75.4	-	Clear	HydraSleeve
0089_MW255	13/03/2023	4.609	0.449	3 - 6	-	4.16	-	-	844	7.58	1.5	90.5	-	Clear	HydraSleeve
0089_MW255	6/06/2023	4.609	0.379	3 - 6	-	4.23	-	-	794	7.55	0.79	-155.5	-	Clear	HydraSleeve
0089_MW255	13/07/2023	4.609	0.568	3 - 6	-	4.041	-	-	905	7.4	-	89.2	-	White, cloudy, moderate turbidity, no sheen, no odour	
0089_MW255	5/09/2023	4.609	0.499	3 - 6	-	4.11	-	-	866	7.46	1.74	128.9	-		HydraSleeve
0089_MW255	13/12/2023	4.609	0.299	3 - 6	-	4.31	-	-	736	7.53	2.02	-98.7	-	Clear	HydraSleeve
0089_MW255	12/03/2024	4.609	0.369	3 - 6	-	4.24	-	-	1,146	7.73	2.64	-27.1	-	Cloudy	HydraSleeve
0089_MW255	28/05/2024	4.609	0.549	3 - 6	-	4.06	-	-	-	7.71	2.69	-0.4	-		HydraSleeve
0089_MW255	13/12/2024	4.609	0.426	3 - 6	6.325	4.183	5.6	22.3	859	7.31	2.35	-65.8	559	cloudy, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW255	18/03/2025	4.609	1.366	3 - 6	4.289	3.243	4	25.2	374.9	8	2.7	28.3	243.7	High sediment load, clear and colourless with organic brown sediment throughout (likely collected when pulling HS), organic odour	No purge/hydrasleeve
0089_MW255	3/06/2025	4.609	0.658	3 - 6	6.325	3.951	5.5	22.1	920	7.56	0.95	98.4	598	clear colourless, low turbidity, no sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW255	15/09/2025	4.609	0.729	3 - 6	6	3.88	6	17.8	897	7.46	5.02	-52.5	583	Odourless,little cloudy, low sediment load, no sheen, colorless, do:51.2%	No purge/hydrasleeve
0089_MW256	4/08/2017	3.84	0.54	3 - 6	-	3.3	-	18.3	591	7.29	3.03	41	-		
0089_MW256	30/03/2020	3.84	0.422	3 - 6	-	3.418	-	20.7	2,443	7.71	1.06	-	-		
0089_MW256	16/07/2020	3.84	0.6	3 - 6	-	3.24	-	19.1	1,197	7.49	1.75	-	-		
0089_MW256	22/09/2020	3.84	0.5	3 - 6	-	3.34	-	17.9	-	7.19	1.95	-	-	Clear	
0089_MW256	14/12/2020	3.84	0.44	3 - 6	-	3.4	-	20.5	1,203	7.25	2.17	82.9	-		
0089_MW256	17/03/2021	3.84	0.495	3 - 6	-	3.345	-	-	1,955	-	1.24	-116.6	-	Clear	
0089_MW256	10/06/2021	3.84	0.615	3 - 6	-	3.225	-	20	1,471	7.02	0.9	-	-	Cloudy,Clear	
0089_MW256	31/08/2021	3.84	0.64	3 - 6	-	3.2	-	-	1,477	7.37	1.86	-175.5	-	Clear	Hydrasleeve
0089_MW256	16/11/2021	3.84	0.64	3 - 6	-	3.2	-	-	1,477	7.37	1.86	-175.5	-		Hydrasleeve
0089_MW256	10/01/2022	3.84	0.48	3 - 6	-	3.36	-	-	-	7.03	0.83	49.9	-		Hydrasleeve
0089_MW256	17/03/2022	3.84	0.5	3 - 6	-	3.34	-	-	3,737	7.2	0.72	-248.2	-	Clear, slight sulfidic odour	HydroSleeve
0089_MW256	9/06/2022	3.84	0.615	3 - 6	-	3.225	-	-	-	-	1.19	-179.8	-	Cloudy	Hydrasleeve
0089_MW256	6/09/2022	3.84	0.75	3 - 6	-	3.09	-	-	1,858	7.13	0.7	-190.7	-	H2S	HydraSleeve
0089_MW256	13/12/2022	3.84	-	3 - 6	-	-	-	-	1,683	7.33	0.8	79.3	-	Clear	HydraSleeve
0089_MW256	13/03/2023	3.84	0.61	3 - 6	-	3.23	-	-	1,664	7.12	1.95	107.2	-	Clear	HydraSleeve
0089_MW256	6/06/2023	3.84	0.58	3 - 6	-	3.26	-	-	1,621	7.12	0.71	-222.6	-	Clear	HydraSleeve
0089_MW256	5/09/2023	3.84	0.505	3 - 6	-	3.335	-	-	-	7.2	3.02	132	-		HydraSleeve
0089_MW256	13/12/2023	3.84	0.34	3 - 6	-	3.5	-	-	1,207	7.1	2.02	-88.2	-	Cloudy	HydraSleeve
0089_MW256	12/03/2024	3.84	0.41	3 - 6	-	3.43	-	19.3	4,189	7.22	-	-20.3	-	Clear	HydraSleeve
0089_MW256	28/05/2024	3.84	0.564	3 - 6	-	3.276	-	-	2,416	7.39	3.2	-144.4	-		HydraSleeve
0089_MW256	13/12/2024	3.84	0.431	3 - 6	5.68	3.409	4.4	22.1	1,468	6.73	2.14	-76.8	955	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW256	18/03/2025	3.84	0.529	3 - 6	5.67	3.311	5	21.7	1,870	7.06	0.83	-118.2	1,215	Clear, colourless, sulfudic odour, no sheen, low sed load	No purge/hydrasleeve
0089_MW256	3/06/2025	3.84	0.674	3 - 6	5.661	3.166	4.5	21.3	1,720	6.97	2.77	117.2	1,119	clear, low turbidity, no sediment, no sheen, no odour, some rootlets in Hydrasleeve, low volume	No purge/hydrasleeve
0089_MW256	15/09/2025	3.84	0.72	3 - 6	6	3.12	4.5	18	1,519	7.06	1.85	-54.6	988	Litlle but cloudy, some roots, little odour, no turbidity, no sheen, do:18.7%	No purge/hydrasleeve
0089_MW257	4/08/2017	3.806	0.491	2.7 - 5.7	-	3.315	-	18.3	373	7.69	8	96	-		
0089_MW257	19/12/2019	3.806	0.336	2.7 - 5.7	-	3.47	-	-	473.3	7.91	5.32	-	-		
0089_MW257	2/04/2020	3.806	0.39	2.7 - 5.7	-	3.416	-	21.8	539	7.66	5.69	-	-		
0089_MW257	16/07/2020	3.806	0.561	2.7 - 5.7	-	3.245	-	18.8	335.4	8.27	6.56	10	-		
0089_MW257	22/09/2020	3.806	0.436	2.7 - 5.7	-	3.37	-	18.5	365.8	7.96	6.33	76.3	-	Clear	
0089_MW257	16/12/2020	3.806	0.416	2.7 - 5.7	-	3.39	-	23.3	3,116	-	5.24	18.5	-		
0089_MW257	18/03/2021	3.806	-0.014	2.7 - 5.7	-	3.82	-	22.2	579	7.78	5.14	74.9	-	Clear	
0089_MW257	9/06/2021	3.806	-1.462	2.7 - 5.7	-	5.268	-	17.8	491	8.15	5.5	-	-	Clear	
0089_MW257	31/08/2021	3.806	0.581	2.7 - 5.7	-	3.225	-	18.8	328.8	8.19	6.51	56.8	-	Clear	Hydrasleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW257	16/11/2021	3.806	0.581	2.7 - 5.7	-	3.225	-	-	328.8	8.19	6.51	-	-		Hydrasleeve
0089_MW257	10/01/2022	3.806	0.456	2.7 - 5.7	-	3.35	-	21.4	-	-	4.81	74.3	-		Hydrasleeve
0089_MW257	17/03/2022	3.806	0.466	2.7 - 5.7	-	3.34	-	-	521	7.77	1.96	-48	-	Clear	HydroSleeve
0089_MW257	9/06/2022	3.806	0.571	2.7 - 5.7	-	3.235	-	19.3	358.2	8.08	6.22	-18.6	-	Clear	Hydrasleeve
0089_MW257	6/09/2022	3.806	-1.894	2.7 - 5.7	-	5.7	-	17.7	357	-	6.87	-1.4	-		HydraSleeve
0089_MW257	13/12/2022	3.806	-	2.7 - 5.7	-	-	-	-	546.7	8.02	5.07	74.1	-	Cloudy	HydraSleeve
0089_MW257	13/03/2023	3.806	0.416	2.7 - 5.7	-	3.39	-	23.4	569	7.79	4.75	118.4	-	Clear	HydraSleeve
0089_MW257	6/06/2023	3.806	0.581	2.7 - 5.7	-	3.225	-	-	373.2	7.89	-	-111.1	-	Clear	HydraSleeve
0089_MW257	13/07/2023	3.806	0.552	2.7 - 5.7	-	3.254	-	-	264.4	8.22	-	67.6	-	Slight hydrocarbon odour, very pale white, cloudy, no sheen, moderate turbidity	
0089_MW257	5/09/2023	3.806	0.466	2.7 - 5.7	-	3.34	-	-	321.6	8.1	7.15	-	-		HydraSleeve
0089_MW257	13/12/2023	3.806	0.264	2.7 - 5.7	-	3.542	-	-	518	7.72	4.32	-72.6	-	Cloudy	HydraSleeve
0089_MW257	11/03/2024	3.806	0.296	2.7 - 5.7	-	3.51	-	-	1,923	10.9	3.55	-	-	Clear,Cloudy	HydraSleeve
0089_MW257	28/05/2024	3.806	0.546	2.7 - 5.7	-	3.26	-	-	532	7.89	3.16	15	-		HydraSleeve
0089_MW257	13/12/2024	3.806	0.386	2.7 - 5.7	5.3	3.42	4.8	23.1	490	7.71	4.6	-59.7	321.3	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW257	18/03/2025	3.806	0.496	2.7 - 5.7	5.29	3.31	4.8	23.2	524	7.74	3.29	42.9	340.5	Clear, colourless, sulfidic and organic odour, no sheen, no roots, no sediment load	No purge/hydrasleeve
0089_MW257	3/06/2025	3.806	0.652	2.7 - 5.7	5.296	3.154	4.5	23.4	500	7.82	4.77	71.1	325	clear, low turbidity, no sediment load, no sheen, no odour	No purge/hydrasleeve
0089_MW257	15/09/2025	3.806	0.706	2.7 - 5.7	5.7	3.1	5.7	16.7	224.5	8.38	9.46	-56.5	146.1	Clear,strong odour, little cloudy, no turbidity, low sediment load, no sheen , do:78.5%	No purge/hydrasleeve
0089_MW258	4/08/2017	4.043	0.478	3 - 6	-	3.565	-	20.6	931	7.28	-	92	-		
0089_MW258	8/06/2022	4.043	0.363	3 - 6	-	3.68	-	-	-	7.84	-	-	-	Unblocked	Hydrasleeve
0089_MW258	6/09/2022	4.043	-1.957	3 - 6	-	6	-	-	1,153	7.36	1.7	31.8	-		HydraSleeve
0089_MW258	13/12/2022	4.043	-	3 - 6	-	-	-	-	-	7.45	1.83	87.2	-	Cloudy	HydraSleeve
0089_MW258	13/03/2023	4.043	0.473	3 - 6	-	3.57	-	-	1,364	7.1	2.58	41.7	-	Cloudy	HandBailing
0089_MW258	6/06/2023	4.043	0.571	3 - 6	-	3.472	-	19.7	-	-	2.1	-137.3	-	Cloudy	HydraSleeve
0089_MW258	13/07/2023	4.043	0.548	3 - 6	-	3.495	-	-	-	7.26	1.29	62.6	-	Potentially blocked by root material, attempt to steel bail unsuccessful ~1 m of water avaliable. Slightly cloudy, no odour, no sheen, very pale yellow.	
0089_MW258	5/09/2023	4.043	0.463	3 - 6	-	3.58	-	-	1,627	7.39	-	-	-	Well blocked from 4.45 to 6m. Like tree roots. Bailer used for sampling - cleared with steel bailer and HydraSleeve re-installed.	HandBailing
0089_MW258	13/12/2023	4.043	0.283	3 - 6	-	3.76	-	-	1,307	7.05	-	-81.3	-	Cloudy	HydraSleeve
0089_MW258	11/03/2024	4.043	0.278	3 - 6	-	3.765	-	-	1,546	7.08	1.38	16.9	-	Bore shallower than original depth (tree roots)	HydraSleeve
0089_MW258	28/05/2024	4.043	0.538	3 - 6	-	3.505	-	-	1,270	7.41	2.5	24.9	-		HydraSleeve
0089_MW258	13/12/2024	4.043	0.373	3 - 6	5.38	3.67	4.3	23.4	1,230	7.13	2.04	-62.6	800	cloudy, colourless, no sheen, no odour, minor sediment	No purge/hydrasleeve
0089_MW258	18/03/2025	4.043	0.688	3 - 6	5.354	3.355	4.8	23.2	1,098	7.07	1.25	35.5	1,098	Clear, colourless, sulfudic odour, no sheen, low sed load, large amount of roots on top of HS	No purge/hydrasleeve
0089_MW258	3/06/2025	4.043	0.638	3 - 6	5.342	3.405	4.3	23.2	1,326	7.21	1.34	117.3	862	clear, low turbidity, no sediment, no sheen, no odour, some root matter in Hydrasleeve	No purge/hydrasleeve
0089_MW258	15/09/2025	4.043	0.673	3 - 6	6.5	3.37	6	19.3	1,357	7.21	1.85	-55	882	DO:20.1%, low sediment load, no sheen , little odour, no turbidity, clear	No purge/hydrasleeve
0089_MW259	29/12/2016	3.8	-	2.5 - 5.5	-	-	0.5	-	-	9.6	-	-	-		
0089_MW259	29/12/2016	3.8	-	2.5 - 5.5	-	-	0.75	-	-	9.8	-	-	-		
0089_MW259	29/12/2016	3.8	-	2.5 - 5.5	-	-	1.5	-	-	9.8	-	-	-		
0089_MW259	4/08/2017	3.8	0.46	2.5 - 5.5	-	3.34	-	17.8	444	-	0.076	-	-		
0089_MW259	16/07/2020	3.8	0.585	2.5 - 5.5	-	3.215	-	19.4	-	7.84	3.28	13.1	-		
0089_MW259	22/09/2020	3.8	0.41	2.5 - 5.5	-	3.39	-	-	529	7.48	3.82	94.9	-	Cloudy,Black	
0089_MW259	16/12/2020	3.8	0.46	2.5 - 5.5	-	3.34	-	21.3	-	7.37	1.97	-	-		
0089_MW259	18/03/2021	3.8	0.48	2.5 - 5.5	-	3.32	-	21.3	36,564	7.42	2.66	76.4	-	Clear	
0089_MW259	10/06/2021	3.8	0.58	2.5 - 5.5	-	3.22	-	19.7	715	8.13	-	-	-	Clear	
0089_MW259	31/08/2021	3.8	0.15	2.5 - 5.5	-	3.65	-	-	533.5	7.39	3.82	85.8	-	Clear	Hydrasleeve
0089_MW259	16/11/2021	3.8	0.15	2.5 - 5.5	-	3.65	-	-	533.5	7.39	3.82	85.8	-		Hydrasleeve
0089_MW259	11/01/2022	3.8	0.425	2.5 - 5.5	-	3.375	-	-	1,503	7.76	2.31	44.3	-	No odour, clear. Lots of roots	Hydrasleeve
0089_MW259	17/03/2022	3.8	0.46	2.5 - 5.5	-	3.34	-	-	638	7.83	2.36	-76.6	-	Cloudy,Brown	HydroSleeve
0089_MW259	9/06/2022	3.8	0.56	2.5 - 5.5	-	3.24	-	18	-	7.91	2.64	3.3	-	Clear	Hydrasleeve
0089_MW259	6/09/2022	3.8	0.658	2.5 - 5.5	-	3.142	-	-	482.6	7.54	-	129.1	-		HydraSleeve
0089_MW259	13/12/2022	3.8	-	2.5 - 5.5	-	-	-	-	536	7.7	2.81	75.1	-	Clear	HydraSleeve
0089_MW259	13/03/2023	3.8	0.52	2.5 - 5.5	-	3.28	-	-	494	7.23	2.11	80.9	-	Clear	HydraSleeve
0089_MW259	6/06/2023	3.8	0.57	2.5 - 5.5	-	3.23	-	-	547	7.59	2.96	-135	-	Cloudy	HydraSleeve
0089_MW259	5/09/2023	3.8	0.17	2.5 - 5.5	-	3.63	-	-	992	7.28	2.06	96.6	-		HydraSleeve
0089_MW259	13/12/2023	3.8	0.26	2.5 - 5.5	-	3.54	-	-	630	7.22	1.68	-85.7	-	Clear	HydraSleeve
0089_MW259	11/03/2024	3.8	0.265	2.5 - 5.5	-	3.535	-	-	638	7.61	1.71	20.5	-	Cloudy,Clear	HydraSleeve
0089_MW259	28/05/2024	3.8	0.545	2.5 - 5.5	-	3.255	-	-	718	7.49	2.38	-59.7	-		HydraSleeve
0089_MW259	13/12/2024	3.8	0.368	2.5 - 5.5	5.422	3.432	4.4	21.3	526	7.26	1.75	-60.2	342.2	clear, colourless, no sheen, no odour, minor sediment	No purge/hydrasleeve
0089_MW259	18/03/2025	3.8	0.481	2.5 - 5.5	5.38	3.319	4.9	21.3	622	7.4	3.2	-0.8	404.7	Clear, colourless, sulfudic odour, no sheen, low sed load, roots on top of HS, dark brown sediment at bottom of HS	No purge/hydrasleeve
0089_MW259	3/06/2025	3.8	0.641	2.5 - 5.5	5.413	3.159	4.5	21.5	635	7.32	1.05	102.1	412.8	clear, slight yellow tinge, low turbidity, no sediment, no sheen, no odour, roots clustered at top of Hydrasleeve	No purge/hydrasleeve
0089_MW259	15/09/2025	3.8	0.66	2.5 - 5.5	5.5	3.14	4.5	17.1	482	7.36	4.11	-56.6	313.4	Clear, low sediment load, no sheen, no turbidity, little odour, doo:40.0%	No purge/hydrasleeve
0089_MW268	1/08/2017	4.056	0.156	2.5 - 5.5	-	3.9	-	19.5	7,750	7.3	0.13	-112	-		
0089_MW268	12/11/2019	4.056	0.017	2.5 - 5.5	-	4.039	-	21.9	4,672	7.15	0.09	-	3,230.5	No sheen, clear/colourless, no odour, very low to no sediment load	
0089_MW268	19/12/2019	4.056	0.186	2.5 - 5.5	-	3.87	-	-	4,279	7.07	3.85	-	-		
0089_MW268	30/03/2020	4.056	0.276	2.5 - 5.5	-	3.78	-	22.2	5,341	7.35	1.87	-	-		
0089_MW268	21/07/2020	4.056	0.276	2.5 - 5.5	-	3.78	-	20.4	90.4	7.33	3.46	-	-		
0089_MW268	21/09/2020	4.056	1.026	2.5 - 5.5	-	3.03	-	19.8	8,611	7.37	2.78	72.3	-	Clear	
0089_MW268	14/12/2020	4.056	1.186	2.5 - 5.5	-	2.87	-	21.7	8,601	7.31	1.22	105	-		
0089_MW268	16/03/2021	4.056	0.306	2.5 - 5.5	-	3.75	-	22.4	9,295	7.35	0.76	58	-	Clear	
0089_MW268	9/06/2021	4.056	0.392	2.5 - 5.5	-	3.664	-	-	10,486	7.21	1.1	-	-	Clear	
0089_MW268	31/08/2021	4.056	0.146	2.5 - 5.5	-	3.91	-	-	6,717	7.28	1.87	74.9	-	Clear	Hydrasleeve
0089_MW268	11/11/2021	4.056	0.148	2.5 - 5.5	-	3.908	-	-	5,528	7.33	1.09	-87.2	-	colourless, slightly cloudy, no odour, low sediment load, no sheen	
0089_MW268	16/11/2021	4.056	0.148	2.5 - 5.5	-	3.908	-	-	6,717	7.28	1.87	-	-		Hydrasleeve
0089_MW268	11/01/2022	4.056	0.151	2.5 - 5.5	-	3.905	-	-	4,495	7.27	1.49	65.3	-		Hydrasleeve
0089_MW268	17/03/2022	4.056	0.276	2.5 - 5.5	-	3.78	-	-	5,494	7.26	1.29	64.2	-	Cloudy	HydroSleeve
0089_MW268	9/06/2022	4.056	0.432	2.5 - 5.5	-	3.624	-	-	4,018	7.3	1.06	-9.2	-	Clear	Hydrasleeve
0089_MW268	6/09/2022	4.056	0.396	2.5 - 5.5	-	3.66	-	-	5,842	-	1.97	-	-		HydraSleeve
0089_MW268	13/12/2022	4.056	-	2.5 - 5.5	-	-	-	-	10,265	7.21	0.87	-	-	Cloudy	HydraSleeve
0089_MW268	15/03/2023	4.056	0.161	2.5 - 5.5	-	3.895	-	-	-	7.19	1.93	48.4	-	Clear	HydraSleeve
0089_MW268	6/06/2023	4.056	0.556	2.5 - 5.5	-	3.5	-	-	7,794	7.32	2.17	-164.5	-	Clear	HydraSleeve
0089_MW268	4/09/2023	4.056	0.211	2.5 - 5.5	-	3.845	-	-	14,105	7.26	1.1	-22.8	-		HydraSleeve
0089_MW268	12/12/2023	4.056	-0.054	2.5 - 5.5	-	4.11	-	-	1,442	7.41	4.6	-101.6	-	Clear	HydraSleeve
0089_MW268	12/03/2024	4.056	0.256	2.5 - 5.5	-	3.8	-	-	5,480	7.24	2.07	13.2	-	Clear	HydraSleeve
0089_MW268	28/05/2024	4.056	0.456	2.5 - 5.5	-	3.6	-	21.3	6,918	7.29	-	-	-		HydraSleeve
0089_MW268	13/12/2024	4.056	0.121	2.5 - 5.5	5.765	3.935	5	24.9	5,386	7.21	2.09	-59.4	3,502	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW268	3/06/2025	4.056	0.62	2.5 - 5.5	5.741	3.436	5	21.6	7,020	7.28	1.76	-31.9	4,562	clear colourless, low turbidity, some sediment, no sheen, no odour	No purge/hydrasleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW268	17/09/2025	4.056	0.256	2.5 - 5.5	5.7	3.8	4.5	21.5	6,896	7.21	2.07	-91.9	4,486	Pale yellow, low sediment load, no odour, no turbidity, do:19.7%	No purge/hydrasleeve
0089_MW269	1/08/2017	4.153	0.163	2.5 - 5.5	-	3.99	-	19.3	-	7.32	0.48	-161	-		
0089_MW269	12/11/2019	4.153	-0.007	2.5 - 5.5	-	4.16	-	21.2	962	7.51	0.46	-	676	No sheen, clear/colourless, no odour, very low to no sediment load	
0089_MW269	19/12/2019	4.153	0.153	2.5 - 5.5	-	4	-	19.1	827	7.55	1.56	-	-		
0089_MW269	30/03/2020	4.153	0.183	2.5 - 5.5	-	3.97	-	21.9	1,408	7.59	1.23	-	-		
0089_MW269	21/07/2020	4.153	0.303	2.5 - 5.5	-	3.85	-	20.3	1,837	7.7	-	-136.1	-		
0089_MW269	21/09/2020	4.153	0.078	2.5 - 5.5	-	4.075	-	-	1,624	7.6	2.16	-137.3	-	Clear	
0089_MW269	14/12/2020	4.153	0.173	2.5 - 5.5	-	3.98	-	21.5	1,927	7.67	2.91	-31.2	-	Clear	
0089_MW269	16/03/2021	4.153	0.313	2.5 - 5.5	-	3.84	-	22.7	-	7.69	-	-230.5	-	Sulfur odour	
0089_MW269	9/06/2021	4.153	0.415	2.5 - 5.5	-	3.738	-	17.9	2,223	7.52	2.07	-	-	Clear, sulfur odour	
0089_MW269	31/08/2021	4.153	0.133	2.5 - 5.5	-	4.02	-	21.4	1,775	7.41	1.61	-57.2	-	Clear	Hydrasleeve
0089_MW269	16/11/2021	4.153	0.133	2.5 - 5.5	-	4.02	-	-	1,775	7.41	-	-57.2	-		Hydrasleeve
0089_MW269	11/01/2022	4.153	0.168	2.5 - 5.5	-	3.985	-	-	1,738	7.35	1.39	54.1	-		Hydrasleeve
0089_MW269	17/03/2022	4.153	0.263	2.5 - 5.5	-	3.89	-	-	1,700	-	1.64	-	-	Clear	HydroSleeve
0089_MW269	9/06/2022	4.153	0.496	2.5 - 5.5	-	3.657	-	-	1,715	7.32	1.52	-109.9	-	Clear	Hydrasleeve
0089_MW269	6/09/2022	4.153	0.403	2.5 - 5.5	-	3.75	-	-	-	7.52	1.5	-10.8	-	Slight organic odour	HydraSleeve
0089_MW269	13/12/2022	4.153	-	2.5 - 5.5	-	-	-	-	1,181	7.6	1.1	24.4	-	Clear	HydraSleeve
0089_MW269	15/03/2023	4.153	0.143	2.5 - 5.5	-	4.01	-	-	1,744	7.41	1.37	-127.1	-	Clear	HydraSleeve
0089_MW269	6/06/2023	4.153	0.573	2.5 - 5.5	-	3.58	-	-	-	7.58	1.09	-194.1	-	Clear	HydraSleeve
0089_MW269	4/09/2023	4.153	0.183	2.5 - 5.5	-	3.97	-	-	2,071	-	1.44	-143.2	-		HydraSleeve
0089_MW269	12/12/2023	4.153	-0.127	2.5 - 5.5	-	4.28	-	-	1,427	7.41	3.69	-100	-		HydraSleeve
0089_MW269	12/03/2024	4.153	0.173	2.5 - 5.5	-	3.98	-	-	1,819	7.5	2.38	-54.1	-	Clear	HydraSleeve
0089_MW269	29/05/2024	4.153	0.403	2.5 - 5.5	-	3.75	-	-	1,115	7.48	3.96	-16.2	-		HydraSleeve
0089_MW269	13/12/2024	4.153	0.038	2.5 - 5.5	5.876	4.115	4.8	23.4	1,906	7.34	1.77	-72	1,239	colourless, cloudy, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW269	17/03/2025	4.153	-0.652	2.5 - 5.5	8.205	4.805	5	25.9	1,537	7.23	1.7	-96.2	1,000	clear and colourless, slightly salty and organic odour, no staining, no sediment load	No purge/hydrasleeve
0089_MW269	3/06/2025	4.153	0.613	2.5 - 5.5	5.852	3.54	4.5	20.2	2,133	7.43	3.06	-155.1	1,387	clear, low turbidity, some sediment, no sheen, no odour, rootlets at top of Hydrasleeve	No purge/hydrasleeve
0089_MW269	17/09/2025	4.153	0.272	2.5 - 5.5	5.835	3.881	4	21.1	1,768	7.4	1.47	-93.5	1,150	Low sediment load, odorless, no turbidity, no sheen, clear, roots, do:14.2%	No purge/hydrasleeve
0089_MW282	18/12/2019	5.78	0.28	4.5 - 7.5	-	5.5	-	-	222.1	6.96	5.08	-	-	DUP 1 taken here	
0089_MW282	31/03/2020	5.78	0.368	4.5 - 7.5	-	5.412	-	-	1,374	6.77	3.55	-	-		
0089_MW282	22/07/2020	5.78	0.57	4.5 - 7.5	-	5.21	-	21.7	1,111	7.22	5.12	-	-		
0089_MW282	24/09/2020	5.78	0.402	4.5 - 7.5	-	5.378	-	17.7	861	7.73	8.14	101	-	Cloudy	
0089_MW282	15/12/2020	5.78	0.38	4.5 - 7.5	-	5.4	-	22.7	1,198	6.96	1.82	3.2	-	Clear,Cloudy	
0089_MW282	18/03/2021	5.78	-1.72	4.5 - 7.5	-	7.5	-	-	1,520	7.11	0.97	12.9	-	Clear	
0089_MW282	9/06/2021	5.78	0.53	4.5 - 7.5	-	5.25	-	19.2	1,339	7.42	2.37	-	-		
0089_MW282	31/08/2021	5.78	0.54	4.5 - 7.5	-	5.24	-	-	1,003	7.21	1.95	-128.9	-	Cloudy,Brown	Hydrasleeve
0089_MW282	16/11/2021	5.78	0.54	4.5 - 7.5	-	5.24	-	-	1,003	7.21	-	-128.9	-		Hydrasleeve
0089_MW282	13/01/2022	5.78	0.425	4.5 - 7.5	-	5.355	-	-	-	7.03	2.42	84.1	-	Very orange slight organic odour	Hydrasleeve
0089_MW282	17/03/2022	5.78	0.45	4.5 - 7.5	-	5.33	-	-	1,179	7.09	1.23	-60.5	-	Cloudy	HydroSleeve
0089_MW282	8/06/2022	5.78	0.13	4.5 - 7.5	-	5.65	-	-	-	7.15	-	97.6	-	Clear	Hydrasleeve
0089_MW282	8/09/2022	5.78	0.53	4.5 - 7.5	-	5.25	-	-	774	7.17	3.05	2.1	-		HydraSleeve
0089_MW282	13/12/2022	5.78	-	4.5 - 7.5	-	-	-	-	-	7.09	-	-17.3	-	Brown	HydraSleeve
0089_MW282	8/06/2023	5.78	0.58	4.5 - 7.5	-	5.2	-	-	1,103	7.01	-	0.989	-	Clear	HydraSleeve
0089_MW282	6/07/2023	5.78	0.485	4.5 - 7.5	-	5.295	-	-	990	-	4.04	37	-	No comments	
0089_MW282	13/12/2023	5.78	0.26	4.5 - 7.5	-	5.52	-	-	1,133	7.09	4.91	-50.9	-	Cloudy	HydraSleeve
0089_MW282	13/03/2024	5.78	0.35	4.5 - 7.5	-	5.43	-	-	1,200	7.04	3.15	63.3	-	Clear	HydraSleeve
0089_MW282	16/12/2024	5.78	0.23	4.5 - 7.5	11.7	5.55	6.5	20.7	20,287	7.5	1.64	-2.1	13,187	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW282	5/06/2025	5.78	0.644	4.5 - 7.5	6.432	5.136	6	21.8	1,154	7.08	19.85	100.5	750	clear, low turbidity, no sediment, no sheen, faint hydrocarbon odour, 50ml/min	Low flow/peri pump
0089_MW282	17/09/2025	5.78	2.68	4.5 - 7.5	6.5	3.1	6	18	993	7.08	4.33	-77.5	645	Broken lid, well cap exposed, white, little bit cloudy, slight odour, low sediment load, no sheen, do:35.5%	No purge/hydrasleeve
0089_MW288	15/07/2020	4.003	0.453	2.25 - 5.25	-	3.55	-	19.6	-	7.48	2.24	-	-		
0089_MW288	17/03/2021	4.003	0.418	2.25 - 5.25	-	3.585	-	24.4	1,415	7.65	2.7	-177.5	-	shallow water. bailer used	
0089_MW288	31/08/2021	4.003	0.311	2.25 - 5.25	-	3.692	-	-	1,178	-	1.09	57.4	-	Blockage cleared with steel bailer	Hydrasleeve
0089_MW288	12/01/2022	4.003	0.193	2.25 - 5.25	-	3.81	-	26.2	-	7.56	-	38.8	-		Hydrasleeve
0089_MW288	8/06/2022	4.003	0.353	2.25 - 5.25	-	3.65	-	-	-	8.06	1.21	8.6	-	Clear	Hydrasleeve
0089_MW288	6/09/2022	4.003	0.513	2.25 - 5.25	-	3.49	-	-	-	6.27	2.55	-134	-		HydraSleeve
0089_MW288	12/12/2022	4.003	-	2.25 - 5.25	-	-	-	22.7	2,249	-	1.47	-157.7	-	Clear	HydraSleeve
0089_MW288	14/03/2023	4.003	0.163	2.25 - 5.25	-	3.84	-	-	790	6.65	0.88	-199.6	-	Cloudy, H2S odour	HydraSleeve
0089_MW288	5/09/2023	4.003	0.213	2.25 - 5.25	-	3.79	-	-	435.2	7.36	1.91	-18.2	-		HydraSleeve
0089_MW288	13/12/2023	4.003	0.023	2.25 - 5.25	-	3.98	-	24.8	887	7.13	0.8	-81.1	-	Clear	HydraSleeve
0089_MW288	12/03/2024	4.003	0.173	2.25 - 5.25	-	3.83	-	20.9	-	7.12	2.8	-10.8	-	Clear	HydraSleeve
0089_MW288	28/05/2024	4.003	0.403	2.25 - 5.25	-	3.6	-	-	548	7.61	0.84	-58.8	-		HydraSleeve
0089_MW288	16/12/2024	4.003	0.093	2.25 - 5.25	11.7	3.91	6.5	20.7	20,287	7.5	1.64	-2.1	13,187	clear, colourless, no sheen, no odour, no sediment	No purge/hydrasleeve
0089_MW288	17/12/2024	4.003	0.093	2.25 - 5.25	5.88	3.91	4.9	20.9	776	7.27	1.52	-30.3	505	cloudy, colourless, no sheen, no odour, nonsediment	No purge/hydrasleeve
0089_MW288	18/03/2025	4.003	0.408	2.25 - 5.25	5.88	3.595	5.3	25.6	1,063	7.58	1.83	-26.5	692	Clear and colourless, slightly organic and salty odour, no sheen, no roots	No purge/hydrasleeve
0089_MW288	4/06/2025	4.003	0.742	2.25 - 5.25	5.832	3.261	4.5	21	796	7.55	22.18	-42.1	517	clear colourless, low turbidity, low sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW288	17/09/2025	4.003	0.263	2.25 - 5.25	5.81	3.74	4	19.1	968	7.38	3.2	-92.2	629	Clear, low sediment load, no odor, no turbidity, no sheen, DO:28.1%	No purge/hydrasleeve
0089_MW289	30/03/2020	4.495	0.309	3.25 - 6.25	-	4.186	-	22.1	1,212	7.58	1.6	-	-		
0089_MW289	22/07/2020	4.495	0.525	3.25 - 6.25	-	3.97	-	19.4	996	7.6	2.21	-5.7	-		
0089_MW289	21/09/2020	4.495	0.39	3.25 - 6.25	-	4.105	-	-	815	7.38	-	33.9	-	QC101,QC201	
0089_MW289	15/12/2020	4.495	0.215	3.25 - 6.25	-	4.28	-	22.8	1,763	7.5	0.59	-9.2	-	Cloudy	
0089_MW289	16/03/2021	4.495	0.395	3.25 - 6.25	-	4.1	-	-	-	7.82	1.3	27.3	-	Clear	
0089_MW289	9/06/2021	4.495	0.555	3.25 - 6.25	-	3.94	-	19.7	2,432	7.54	0.94	-	-	Clear	
0089_MW289	30/08/2021	4.495	0.642	3.25 - 6.25	-	3.853	-	-	1,064	7.68	2.18	205.7	-	QC103/203	Hydrasleeve
0089_MW289	17/03/2022	4.495	0.415	3.25 - 6.25	-	4.08	-	23.3	1,296	7.34	1.09	-84.7	-	Brown,Clear	HydroSleeve
0089_MW289	8/06/2022	4.495	0.531	3.25 - 6.25	-	3.964	-	21.2	1,206	7.52	0.55	-36.3	-	Clear	Hydrasleeve
0089_MW289	5/09/2022	4.495	0.695	3.25 - 6.25	-	3.8	-	21.4	1,837	7.92	1.77	-239	-	Slight organic odour	HydraSleeve
0089_MW289	13/12/2022	4.495	-	3.25 - 6.25	-	-	-	-	907	-	0.48	75.1	-	Clear	HydraSleeve
0089_MW289	14/03/2023	4.495	0.295	3.25 - 6.25	-	4.2	-	-	1,188	6.62	0.86	-94.1	-	Cloudy	HydraSleeve
0089_MW289	6/06/2023	4.495	0.637	3.25 - 6.25	-	3.858	-	18.7	981	7.52	2.87	-49.2	-	Clear	HydraSleeve
0089_MW289	4/09/2023	4.495	0.45	3.25 - 6.25	-	4.045	-	-	-	-	1.09	-27.5	-		HydraSleeve
0089_MW289	11/12/2023	4.495	0.215	3.25 - 6.25	-	4.28	-	-	1,037	7.38	3.7	-31.2	-	Clear	HydraSleeve
0089_MW289	11/03/2024	4.495	0.235	3.25 - 6.25	-	4.26	-	-	1,178	7.23	-	142.3	-	Brown	HydraSleeve
0089_MW289	29/05/2024	4.495	-0.367	3.25 - 6.25	-	4.862	-	-	1,127	7.34	5.05	36.7	-		HydraSleeve
0089_MW289	16/12/2024	4.495	0.314	3.25 - 6.25	6.122	4.181	5.1	22.9	759	7.26	1.1	-53.1	493	pale grey, cloudy, no sheen, no odour, moderate sediment	No purge/hydrasleeve
0089_MW289	20/03/2025	4.495	-0.555	3.25 - 6.25	5.05	4.06	4.5	22.9	839	7.4	1.96	33.6	545	High sediment load, brown, odourless, no sheen, large amount of sand. Well cap was covered by sand and sand had fallen down well	No purge/hydrasleeve
0089_MW289	4/06/2025	4.495	0.659	3.25 - 6.25	6.018	3.836	5	22	773	7.68	25.95	-35.2	503	clear, low turbidity, some sediment, no sheen, no odour, some rootlets in Hydrasleeve	No purge/hydrasleeve

Appendix C
Table C1
Groundwater Levels and Field Parameters

		Well Data			Field Data			Field Parameters							
Location ID	Sample Date	TOC Elevation (mAHD)	Groundwater Elevation (mAHD)	Screen Interval (m bgl)	Well Depth (m bTOC)	Depth to Water (m bTOC)	Sample Depth	Temperature (°C)	EC (µS/cm)	pH	DO (mg/L)	Redox (mV)	TDS (mg/L)	Sample Comments	Sample Method
0089_MW289	19/09/2025	4.495	-0.157	3.25 - 6.25	6.5	4.652	5.5	20.6	662	7.23	1.05	-113.5	430.2	Clear, small black particles floating, no turbidity, no sheen, no odour, do:11.6%	No purge/hydrasleeve
0089_MW468	23/01/2020	-	-	0 - 1.2	-	-	-	22.4	-	7.33	7.56	-	-	No sheen, pale brown/grey, no odour, moderate to high sediment load	
0089_MW468	29/05/2024	-	-	0 - 1.2	-	1.2	-	-	-	7.2	2.98	118.7	-	temporary beach well - not surveyed	HydraSleeve
0089_MW468	18/12/2024	-	-	0 - 1.2	2.96	2.37	2.9	21.6	21,031	7.27	3.72	-106.5	13,696	pale brown , clear, no sheenn, no odour, minor sediment	No purge/hydrasleeve
0089_MW468	19/03/2025	-	-	0 - 1.2	2.85	2.101	2.3	25.7	20,544	7.39	3.49	24.3	13,365	Moderately cloudy, pale brown, salty and organic odour, medium sed load, no sheen	No purge/hydrasleeve
0089_MW468	10/06/2025	-	-	0 - 1.2	2.864	1.934	2	20.9	22,000	6.97	6.37	-58.3	14,300	pale orange, clear, low turbidity, some sediment, no sheen, no odour	No purge/hydrasleeve
0089_MW468	18/09/2025	-	-	0 - 1.2	2.83	2.38	2.4	16.9	508	7.59	4.07	-97.5	324.5	Brown orange color like iron, small particles, low sediment load, no odour, stained sleeves, do:36.5	No purge/hydrasleeve
0089_MW496	14/10/2019	5.092	0.107	3.5 - 8	-	4.985	-	20.9	1,547	7.2	-	-	1,092	No sheen, very light orange/clear, no odour, no sediment load	
0089_MW496	6/09/2022	5.092	0.453	3.5 - 8	-	4.639	-	-	1,584	7.46	0.73	133.4	-		HydraSleeve
0089_MW496	14/11/2022	5.092	0.255	3.5 - 8	-	4.837	-	-	1,385	7.59	0.89	-186.4	-	Pale yellow, no sheen, no odour, high turbidity	Hydrasleeve
0089_MW496	13/12/2022	5.092	-	3.5 - 8	-	-	-	-	1,394	7.7	0.86	76.6	-	Clear	HydraSleeve
0089_MW496	13/03/2023	5.092	0.132	3.5 - 8	-	4.96	-	-	-	7.54	0.88	-	-	Clear, H2S odour	HydraSleeve
0089_MW496	12/05/2023	5.092	0.351	3.5 - 8	-	4.741	-	-	1,531	7.36	1.83	-199.7	-	Pale grey, no sheen, weak hydrocarbon odour, moderate turbidity, No Hydrasleeve redeployed	Hydrasleeve
0089_MW496	6/06/2023	5.092	0.132	3.5 - 8	-	4.96	-	-	1,577	7.5	-	-202.7	-	Clear	HandBailing
0089_MW496	4/09/2023	5.092	0.292	3.5 - 8	-	4.8	-	-	1,207	7.26	3.98	-52.3	-		HydraSleeve
0089_MW496	9/11/2023	5.092	0.166	3.5 - 8	-	4.926	-	-	1,394	7.5	0.36	-310	-	cloudy white, moderate turbidity, low sediment load, no sheen, moderate sulphidic odour	Sleeve sampler
0089_MW496	12/12/2023	5.092	0.042	3.5 - 8	-	5.05	-	-	1,499	7.53	0.6	-239.1	-	Clear	HydraSleeve
0089_MW496	13/03/2024	5.092	0.112	3.5 - 8	-	4.98	-	-	1,364	7.42	2.08	-259.7	-	Slight fuel odour	HydraSleeve
0089_MW496	16/05/2024	5.092	0.271	3.5 - 8	-	4.821	-	-	1,500	7.4	0.79	-261.3	-	Colourless, clear, no odour, no sheen, roots present	Sleeve sampler
0089_MW496	29/05/2024	5.092	0.271	3.5 - 8	-	4.821	-	-	1,072	7.54	3.52	-141.5	-		HydraSleeve
0089_MW496	13/12/2024	5.092	0.243	3.5 - 8	8.185	4.849	5.9	23	1,352	7.34	1.1	-147	878	grey, clear, no sheen, no odour, moderate sediment	No purge/hydrasleeve
0089_MW496	17/03/2025	5.092	0.287	3.5 - 8	8.205	4.805	7.5	24.7	1,408	7.35	0.46	-215.5	916	clear and colourless, hydrocarbon odour, no staining, no sediment load	No purge/hydrasleeve
0089_MW496	4/06/2025	5.092	0.559	3.5 - 8	8.187	4.533	6	20.4	1,475	7.43	12.24	-264.2	960	clear, low turbidity, no sediment, no sheen, distinct hydrocarbon odour, some rootlets	No purge/hydrasleeve
0089_MW496	16/09/2025	5.092	0.482	3.5 - 8	8.81	4.61	8	21.2	1,309	7.45	9.95	-176.5	851	Little bit cloudy, white, slight sulfuric odor and hydrocarbon, no sheen, no turbidity, do:86%	No purge/hydrasleeve
0089_MW500	5/11/2019	3.692	0.18	2 - 6.5	-	3.512	-	-	702	7.26	3.4	-	481	No sheen, clear/colourless, no odour, very low to no sediment load	
0089_MW500	15/11/2021	3.692	0.38	2 - 6.5	-	3.312	-	-	842	7.2	1.5	-23	-	pale yellow, no odour, high turbidity, no sheen, lots of roots on hydrasleeve	
0089_MW500	10/01/2022	3.692	0.312	2 - 6.5	-	3.38	-	-	332.6	7.44	1.3	-27.3	-	Bore lid Labelled MW500, MW117 not found	Hydrasleeve
0089_MW500	14/03/2022	3.692	0.459	2 - 6.5	-	3.233	-	-	921	7.04	0.85	72.7	-	Clear	HydroSleeve
0089_MW500	7/06/2022	3.692	0.449	2 - 6.5	-	3.243	-	-	880	7.36	1.34	123.1	-	Clear	Hydrasleeve
0089_MW500	5/09/2022	3.692	0.442	2 - 6.5	-	3.25	-	-	699	7.42	1.12	65.3	-		HydraSleeve
0089_MW500	12/12/2022	3.692	-	2 - 6.5	-	-	-	-	667	7.53	1.03	6.9	-	Cloudy	HydraSleeve
0089_MW500	13/03/2023	3.692	0.362	2 - 6.5	-	3.33	-	-	997	7.19	1.5	113.1	-	Clear	HydraSleeve
0089_MW500	5/09/2023	3.692	0.387	2 - 6.5	-	3.305	-	-	-	-	1.51	-1.2	-		HydraSleeve
0089_MW500	12/12/2023	3.692	0.142	2 - 6.5	-	3.55	-	-	1,226	7.18	2.01	-54.6	-	Cloudy	HydraSleeve
0089_MW500	11/03/2024	3.692	0.222	2 - 6.5	-	3.47	-	-	970	7.3	1.6	19	-	Cloudy	HydraSleeve
0089_MW500	29/05/2024	3.692	0.592	2 - 6.5	-	3.1	-	-	932	7.14	0.52	-62.4	-		HydraSleeve
0089_MW500	16/12/2024	3.692	0.268	2 - 6.5	5.88	3.424	4.4	22.6	793	7.27	2.01	-42.9	516	pale yellow, cloudy, no sheen, no odour, minor sediment	No purge/hydrasleeve
0089_MW500	21/03/2025	3.692	0.438	2 - 6.5	5.71	3.254	5.2	23.7	669	7.29	1.37	58.5	435.5	Moderately cloudy, pale grey, medium sediment load, yellow sand desposited at bottom of HS, might hydrocarbon odour, no sheen, roots on top of HS	No purge/hydrasleeve
0089_MW500	6/06/2025	3.692	0.613	2 - 6.5	5.696	3.079	5	22.4	855	7.34	8.21	-42	556	clear, medium turbidity, medium yellow sediment load, no sheen or odour, pale yellow sand on outside of Hydrasleeve	No purge/hydrasleeve
0089_MW500	19/09/2025	3.692	0.422	2 - 6.5	5.66	3.27	4	20.5	565	7.28	1.61	-114.5	367.5	White with orange stains on sleeves, cloudy, low sediment load, no turbidity, no sheen, do:15.0%	No purge/hydrasleeve
0089_MW516	30/03/2020	6.37	0.191	4.5 - 7.5	-	6.179	-	22.1	1,284	7.61	-	-	-		
0089_MW516	21/07/2020	6.37	0.34	4.5 - 7.5	-	6.03	-	21.6	3,296	7.27	8.47	8.89	-		
0089_MW516	21/09/2020	6.37	0.25	4.5 - 7.5	-	6.12	-	19.1	1,359	7.17	1.43	83.1	-	Cloudy,Brown,Green	
0089_MW516	7/10/2020	6.37	0.147	4.5 - 7.5	-	6.223	-	-	1,418	7.01	0.28	-65.5	-	Creamy white colour, no odour, no sheen, high sediment load	
0089_MW516	16/12/2020	6.37	0.215	4.5 - 7.5	-	6.155	-	22.8	1,455	7.15	1.14	5	-	Clear	
0089_MW516	17/02/2021	6.37	0.21	4.5 - 7.5	-	6.16	-	-	1,466	7.03	0.02	-154.4	-	Very pale yellow, clear, moderate hydrocarbon odour, very low sediment load, no sheen	
0089_MW516	18/03/2021	6.37	0.08	4.5 - 7.5	-	6.29	-	22.5	-	7.14	0.77	-136.2	-	Clear	
0089_MW516	9/06/2021	6.37	0.368	4.5 - 7.5	-	6.002	-	-	1,525	7.23	-	-	-	Cloudy	
0089_MW516	31/08/2021	6.37	1.195	4.5 - 7.5	-	5.175	-	-	2,246	7.12	0.87	72.8	-	Cloudy	Hydrasleeve
0089_MW516	16/11/2021	6.37	1.195	4.5 - 7.5	-	5.175	-	23.6	2,246	7.12	0.87	72.8	-		Hydrasleeve
0089_MW516	12/01/2022	6.37	0.231	4.5 - 7.5	-	6.139	-	-	1,879	-	1.27	-9.4	-	Clear slight fuel odour	Hydrasleeve
0089_MW516	17/03/2022	6.37	0.29	4.5 - 7.5	-	6.08	-	-	-	7.32	-	-55.1	-	Clear	HydroSleeve
0089_MW516	8/06/2022	6.37	0.385	4.5 - 7.5	-	5.985	-	-	1,229	-	0.73	-66.5	-	Clear	Hydrasleeve
0089_MW516	6/09/2022	6.37	0.5	4.5 - 7.5	-	5.87	-	-	-	7.3	0.68	50.6	-		HydraSleeve
0089_MW516	13/12/2022	6.37	-	4.5 - 7.5	-	-	-	-	1,250	7.6	2.27	-62.7	-	Clear	HydraSleeve
0089_MW516	13/03/2023	6.37	0.22	4.5 - 7.5	-	6.15	-	-	1,082	7.3	1.84	-88.3	-	Clear	HydraSleeve
0089_MW516	6/06/2023	6.37	0.44	4.5 - 7.5	-	5.93	-	-	644	7.35	1.88	-164.8	-	Clear	HydraSleeve
0089_MW516	4/09/2023	6.37	0.315	4.5 - 7.5	-	6.055	-	-	1,192	-	1.15	-	-		HydraSleeve
0089_MW516	12/12/2023	6.37	0.07	4.5 - 7.5	-	6.3	-	-	505	7.51	1.15	-	-		HydraSleeve
0089_MW516	13/03/2024	6.37	0.1	4.5 - 7.5	-	6.27	-	23.3	-	7.18	0.68	-54.9	-	Slight fuel odour	HydraSleeve
0089_MW516	29/05/2024	6.37	0.375	4.5 - 7.5	-	5.995	-	-	903	7.35	4.19	-4.5	-		HydraSleeve
0089_MW516	13/12/2024	6.37	0.248	4.5 - 7.5	7.905	6.122	7.1	24	1,174	6.98	2.01	-51.7	763	pale orange, cloudy, no sheen, mild hydrocarbon odour, minor sediment	No purge/hydrasleeve
0089_MW516	17/03/2025	6.37	0.292	4.5 - 7.5	7.881	6.078	7	27.1	976	7.29	0.81	-77.7	634	cloudy pale brown, hydrocarbon odour, hydrocarbon staining, medium sediment load	No purge/hydrasleeve
0089_MW516	4/06/2025	6.37	0.538	4.5 - 7.5	7.861	5.832	7	21.4	1,310	7.07	15	-151.2	852	clear, slight pale yellow tinge, low turbidity, no sediment, no sheen, distinct hydrocarbon odour	No purge/hydrasleeve
0089_MW516	16/09/2025	6.37	0.56	4.5 - 7.5	7.87	5.81	6.7	21.9	1,023	7.24	1.96	-78.5	665	Slight hydrocarbon odour, white. little bit cloudy, low sediment load, no sheen, no turbidity, do:20.2	No purge/hydrasleeve
0089_MW539	6/07/2023	5.776	0.525	16.5 - 20.5	-	5.251	-	-	26,940	7.38	-	40	-	Cloudy, no sheen, no odour, moderate sediment, white	
0089_MW539	20/03/2025	5.776	0.448	16.5 - 20.5	-	5.328	6.5	23	22,009	7.62	2.67	-63.8	14,306	Clear and colourless, low sediment load, hydrocarbon odour, no sheen or staining	No purge/hydrasleeve
0089_MW553	14/07/2023	3.801	0.332	3 - 6	-	3.469	-	-	679	-	0.01	-143.7	-	Clear, no odour, no sheen, low turbidity	
0089_MW553	8/11/2023	3.801	0.151	3 - 6	-	3.65	-	-	707	7.55	1.45	-180.1	-	colourless, low sediment load, low turbidity, no sheen, moderate sulphidic odour	Sleeve sampler
0089_MW553	9/05/2024	3.801	0.24	3 - 6	-	3.561	-	-	1,549	7.04	1.23	-87.3	-	Colourless, low turbidity, slight hydrocarbon odour, low sediment load, no sheen	Sleeve sampler
0089_MW553	29/05/2024	3.801	0.24	3 - 6	-	3.561	-	-	918	7.24	-	-	-		HydraSleeve
0089_MW553	13/12/2024	3.801	0.24	3 - 6	5.71	3.583	5.71	23.3	1,042	7.18	1.17	-71.3	678	Clear colourless, mild hydrocarbon odour, no sediment, grey sediment as base of hydrasleeve	
0089_MW553	11/03/2025	3.801	0.296	3 - 6	5.73	3.505	5	25.4	933	7.42	1.84	-113.5	607	hydrocarbon odour, Light sediment load, slightly cloudy pale grey, no sheen, dark grey sediment at bottom of sleeve	No purge/hydrasleeve
0089_MW553	3/06/2025	3.801	0.538	3 - 6	5.704	3.263	5	21	847	7.43	1.8	-145.1	551	clear, colourless, low turbidity, no sediment, no sheen, distinct hydrocarbon odour, rootlets on Hydrasleeve and some of Hydrasleeve twine stained black	No purge/hydrasleeve
0089_MW553	17/09/2025	3.801	0.311	3 - 6	5.72	3.49	6	19.2	1,192	7.24	1.72	-107.4	775	Strong hydrocarbon smell, clear, low sediment load, no turbidity, no sheen, do:21%	No purge/hydrasleeve

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW130	18 Dec 2024	26.4	54,987	8.08	3.98	-90.2	clear, colourless
SW130	18 Dec 2024	26.4	54,987	8.08	3.98	-90.2	Clear/colourless
SW130	14 Mar 2025	25.4	55,617	7.9	4.9	64.4	pale brown, colourless, slightly salty and organic odour, high turbidity, high sediment load with dense organic matter
SW130	13 Jun 2025	17.7	53,652	7.74	11.54	-454.4	
SW130	09 Sep 2025	18.8	52,737	8.1	5.39	9.6	High sediment load, clear, colorless,high organic matter content (seaweed)
SW130	30 Mar 2020	23.4	54,247	7.94	3.6	25.6	
SW130	15 Jul 2020	14.8	43,600	7.99	7.16	132.5	Clear
SW130	22 Sep 2020	19.5	55,328	8.05	5.02	36.2	Clear, no odour
SW130	14 Dec 2020	21.9	52,321	8.05	3.62	-66.6	Clear, no odour
SW130	15 Mar 2021	214	51,889	7.93	3.97	20.1	Clear
SW130	08 Jun 2021	15.6	54,570	8.27	4.9	-	QC110/210
SW130	30 Aug 2021	16.4	53,101	7.97	5.59	-123.8	Clear
SW130	10 Jan 2022	19.8	48,660	8.22	4.43	-	Clear
SW130	14 Mar 2022	22.9	54,308	8	4.47	4.7	Clear
SW130	07 Jun 2022	16.5	54,372	8	5.66	-1.4	Cloudy with seaweed
SW130	05 Sep 2022	15.4	43,551	6.45	4.4	28.3	Clear
SW130	12 Dec 2022	21.5	54,435	7.86	3.95	-24.5	Clear, no odour
SW130	13 Mar 2023	23.3	60,356	7.11	2.51	-90.8	Clear
SW130	07 Jun 2023	16.5	53,503	8.06	6.03	-	Clear
SW130	05 Sep 2023	16.5	53,503	8.06	6.03	-	Clear
SW130	11 Dec 2023	22.3	54,435	8.17	5.17	-	Clear, no odour
SW130	11 Mar 2024	22.8	62,033	7.65	1.96	-	Clear, no odour
SW130	29 May 2024	14.3	52,901	7.74	2.95	15.6	
SW130	14 Mar 2025	25.4	55,617	7.9	4.9	64.4	pale brown, colourless, slightly salty and organic odour, high turbidity, high sediment load with dense organic matter
SW130	13 Jun 2025	17.7	53,652	7.74	11.54	-454.4	
SW132	18 Dec 2024	26.6	54,748	7.99	3.93	-136.5	clear, colourless
SW132	18 Dec 2024	26.6	54,748	7.99	3.93	-136.5	Clear/colourless
SW132	14 Mar 2025	25.8	55,788	7.93	5.27	83.6	pale brown, colourless, slightly salty and organic odour, high turbidity, high sediment load with dense organic matter
SW132	13 Jun 2025	18.7	53,636	7.98	10.59	-423.1	clear, colourless, low turbidity, no sheen, saltwater odour
SW132	20 Sep 2025	18.3	51,924	8.13	5.45	6.8	Colourless, no sheen, no turbidity, low sediment load
SW132	30 Mar 2020	24.2	55,199	8.03	4.17	55.6	
SW132	15 Jul 2020	14.5	43,302	7.99	7.54	107.8	QC103/203
SW132	22 Sep 2020	20.8	55,837	8.15	4.42	-3.1	Clear, no odour
SW132	14 Dec 2020	21.2	56,632	8.02	4.71	15.5	Clear, no odour
SW132	15 Mar 2021	22.3	52,769	7.81	3.93	7.2	Clear/brown
SW132	08 Jun 2021	15.6	54,346	8.29	5.37	-	Clear, no odour
SW132	30 Aug 2021	16.2	53,095	7.99	5.38	-132.1	Clear
SW132	10 Jan 2022	21.4	50,570	8.26	5.13	-	Clear
SW132	14 Mar 2022	24.7	56,543	8.05	4.18	85.8	Clear
SW132	07 Jun 2022	15.9	54,347	7.91	5.21	-9.7	Turbid, seaweed
SW132	05 Sep 2022	18.4	47,972	7.78	2.74	-149.5	Clear
SW132	12 Dec 2022	23.4	54,931	7.99	4.94	81.3	Clear, no odour
SW132	13 Mar 2023	24.9	52,004	7.01	2.88	-225.1	Clear
SW132	07 Jun 2023	17	53,231	8.04	5.43	-	Clear
SW132	05 Sep 2023	17	53,231	8.04	5.43	-	Clear
SW132	11 Dec 2023	25.9	55,465	8.24	5.72	-	Clear, no odour
SW132	11 Mar 2024	24.3	61,813	7.65	2.65	-	Brown to clear, no odour
SW132	29 May 2024	14.3	49,707	7.88	6.24	-17	
SW132	14 Mar 2025	25.8	55,788	7.93	5.27	83.6	pale brown, colourless, slightly salty and organic odour, high turbidity, high sediment load with dense organic matter
SW132	13 Jun 2025	18.7	53,636	7.98	10.59	-423.1	clear, colourless, low turbidity, no sheen, saltwater odour
SW134	18 Dec 2024	28.5	55,296	7.93	3.95	-105.7	clear, colourless
SW134	18 Dec 2024	28.5	55,296	7.93	3.95	-105.7	Clear/colourless
SW134	14 Mar 2025	25.6	55,825	7.97	4.98	87.8	pale brown, colourless, slightly salty and organic odour, high turbidity, high sediment load with dense organic matter
SW134	13 Jun 2025	17.8	53,784	7.96	10.89	-435.5	clear, colourless, low turbidity, no sheen, saltwater odour
SW134	09 Sep 2025	19.1	52,523	8.19	7.6	-17.2	Colourless, no sheen, no turbidity, low sediment load

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW134	31 Mar 2020	22	52,423	7.92	3.52	57.8	QC101 & QC201 taken here
SW134	15 Jul 2020	14.6	43,369	7.73	11.79	113.9	
SW134	22 Sep 2020	21.6	55,680	8.26	5.34	31.6	Qc116/216
SW134	14 Dec 2020	21.9	56,544	7.98	4.15	-40.1	Clear, no odour
SW134	15 Mar 2021	24	56,478	8.08	3.45	33.1	Clear
SW134	08 Jun 2021	16.5	53,625	8.18	4.02	-	Clear, no odour
SW134	30 Aug 2021	16.7	52,888	7.88	4.34	-147.8	Clear
SW134	10 Jan 2022	20.7	55,557	8.07	3.36	-	Clear
SW134	14 Mar 2022	26.9	59,412	7.95	2.57	-183.9	Clear
SW134	07 Jun 2022	14.4	54,465	7.98	5.38	-9.5	Cloudy
SW134	05 Sep 2022	19.3	49,207	7.94	4.58	-124.4	Clear
SW134	12 Dec 2022	25	56,361	8.08	4	-224.9	Clear, no odour
SW134	13 Mar 2023	26.2	53,421	7.15	3.5	-106.6	Clear
SW134	07 Jun 2023	17.7	28,234	8.02	1.23	-	Clear
SW134	05 Sep 2023	17.7	28,234	8.02	1.23	-	Clear
SW134	11 Dec 2023	26.1	55,524	8.25	6.01	-	Clear, no odour
SW134	11 Mar 2024	25.6	60,253	7.79	1.8	-	Clear, no odour
SW134	29 May 2024	15.2	48,695	7.81	3.94	-65.9	
SW134	14 Mar 2025	25.6	55,825	7.97	4.98	87.8	pale brown, colourless, slightly salty and organic odour, high turbidity, high sediment load with dense organic matter
SW134	13 Jun 2025	17.8	53,784	7.96	10.89	-435.5	clear, colourless, low turbidity, no sheen, saltwater odour
SW150	14 Jan 2025	30.7	57,188	8.05	4.77	-75.8	clear, colourless, no odour, no sheen
SW150	14 Jan 2025	30.7	57,186	8.05	4.77	-75.8	Clear/colourless
SW150	14 Mar 2025	23.7	55,193	7.93	4.52	82.9	clear, colourless, slightly salty and organic odour
SW150	11 Jun 2025	18.7	53,668	8.88	12.27	-303.6	clear, colourless, low turbidity, no sheen, saltwater odour
SW150	08 Jan 2020	25.8	57,907	8.18	5.9	42.2	
SW150	30 Mar 2020	23.7	52,364	7.8	5.94	-384	
SW150	20 Jul 2020	17	18,540	-	6.88	21.3	Clear
SW150	23 Sep 2020	15.5	45,427	8.23	9.43	91.3	Clear, no odour
SW150	14 Dec 2020	22.1	-	8.03	4.72	48	Clear, no odour
SW150	15 Mar 2021	25.2	56,705	8.26	10.48	34	Clear
SW150	08 Jun 2021	16.8	54,609	8.22	5.32	-	Clear, no odour
SW150	30 Aug 2021	17	51,820	7.93	5.08	13.2	Clear
SW150	10 Jan 2022	24.8	54,736	8.14	4.04	-	Clear
SW150	15 Mar 2022	26.2	56,744	8.13	3.37	55.9	Clear
SW150	08 Jun 2022	15.1	54,333	7.8	5.66	22.5	Cloudy with seaweed
SW150	05 Sep 2022	16.2	53,628	8.1	5.54	3.1	Cloudy
SW150	12 Dec 2022	23.7	56,608	8.1	5.2	-87.3	Clear, no odour
SW150	15 Mar 2023	24.1	50,461	6.94	4.23	95.8	Clear
SW150	07 Jun 2023	16.1	57,150	8	4.8	-	Clear
SW150	11 Sep 2023	16.1	57,150	8	4.8	-	Clear
SW150	19 Dec 2023	24.1	55,940	8.15	3.8	-	Clear, no odour
SW150	11 Mar 2024	25	55,729	8.15	4.08	-	Clear, no odour
SW150	28 May 2024	19.7	53,823	7.97	6.71	-2.9	
SW150	14 Mar 2025	23.7	55,193	7.93	4.52	82.9	clear, colourless, slightly salty and organic odour
SW150	11 Jun 2025	18.7	53,668	8.88	12.27	-303.6	clear, colourless, low turbidity, no sheen, saltwater odour
SW152	14 Jan 2025	27.1	56,552	8.1	3.4	-80	clear, colourless, no odour, no sheen
SW152	14 Jan 2025	27.1	56,552	8.1	3.4	-80	Clear/colourless
SW152	14 Mar 2025	24.2	55,226	7.98	4.07	82.8	clear, colourless, slightly salty and organic odour
SW152	11 Jun 2025	20.4	53,697	8.31	11.04	-264.9	clear, colourless, low turbidity, no sheen, no odour
SW152	08 Jan 2020	25.6	58,077	8.2	4.84	27.5	
SW152	30 Mar 2020	24.2	52,771	7.82	5.52	-369.3	
SW152	20 Jul 2020	18.2	18,667	-	6.27	15.8	Clear
SW152	23 Sep 2020	15.2	45,153	8.19	11.58	93.9	Clear, no odour
SW152	14 Dec 2020	23.4	55,960	8.02	4.95	135.4	Clear, no odour
SW152	15 Mar 2021	25.2	55,957	8.09	4.32	87.1	Clear

		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
		°C	µS/cm	pH units	mg/L	mV	
EQL		0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**						**Sample Comments**
SW152	08 Jun 2021	17.7	54,754	8.23	4.45	-	Clear, no odour
SW152	30 Aug 2021	16.8	51,556	7.93	5.13	24.8	Clear
SW152	10 Jan 2022	24.5	55,303	8.25	4.11	-	Clear
SW152	15 Mar 2022	26.6	56,737	8.15	4.45	54.4	Clear
SW152	08 Jun 2022	15.1	54,382	7.93	5.63	29.7	Cloudy
SW152	05 Sep 2022	16.4	54,267	8.13	6.31	32	Cloudy
SW152	12 Dec 2022	24	56,363	8.08	3.38	-32.7	Clear, no odour
SW152	15 Mar 2023	26.9	53,025	7.12	3.32	-92.2	Clear
SW152	07 Jun 2023	16.4	60,443	8.03	3.97	-	Clear
SW152	11 Sep 2023	16.4	60,443	8.03	3.97	-	Clear
SW152	19 Dec 2023	23.2	55,730	8.18	4.54	-	Clear, no odour
SW152	11 Mar 2024	25.2	56,308	8.17	3.98	-	Clear, no odour
SW152	28 May 2024	19.7	53,968	7.98	6.88	14.4	
SW152	14 Mar 2025	24.2	55,226	7.98	4.07	82.8	clear, colourless, slightly salty and organic odour
SW152	11 Jun 2025	20.4	53,697	8.31	11.04	-264.9	clear, colourless, low turbidity, no sheen, no odour
SW154	14 Jan 2025	26.9	56,516	8.11	2.83	-80.6	clear, colourless, no odour, no sheen
SW154	14 Jan 2025	26.9	56,516	8.11	2.83	-80.6	Clear/colourless
SW154	14 Mar 2025	23.8	55,453	7.98	4.66	91.6	clear, colourless, slightly salty and organic odour
SW154	11 Jun 2025	20.3	53,982	8.68	11.9	-283.8	clear, colourless, low turbidity, some sediment, no odour, no sheen
SW154	08 Jan 2020	24.6	56,911	8.2	4.13	25.6	QC104/201
SW154	30 Mar 2020	23.3	51,950	7.78	6.78	-369	
SW154	20 Jul 2020	16.8	18,529	-	6.27	20.9	Clear
SW154	22 Sep 2020	20.9	55,703	8.26	5.34	41.1	Clear, no odour
SW154	14 Dec 2020	23.4	55,380	8.05	5.54	34.5	Clear, no odour
SW154	15 Mar 2021	21.4	56,985	7.88	4.11	36.5	clear
SW154	08 Jun 2021	17	54,785	8.24	3.4	-	QC109/209
SW154	30 Aug 2021	17.1	51,910	7.95	6.47	30.9	Clear
SW154	10 Jan 2022	24.8	55,198	8.26	4.14	-	Clear
SW154	15 Mar 2022	26.2	55,888	8.08	5.38	20.3	Clear
SW154	08 Jun 2022	15.6	54,362	7.9	6.15	-17.6	Cloudy
SW154	05 Sep 2022	16.4	54,169	8.09	5.47	42.7	Cloudy
SW154	12 Dec 2022	24.5	56,550	8.16	3.47	-26.1	Clear, no odour
SW154	15 Mar 2023	25.1	51,507	7.19	2.89	-7.5	Clear
SW154	07 Jun 2023	19.6	67,107	7.97	3.53	-	Clear
SW154	11 Sep 2023	19.6	67,107	7.97	3.53	-	Clear
SW154	19 Dec 2023	22.9	55,355	8.19	4.35	-	Clear, no odour
SW154	11 Mar 2024	25.9	55,700	8.16	4.86	-	Clear, no odour
SW154	28 May 2024	19.6	54,025	7.97	6.57	27.4	
SW154	14 Mar 2025	23.8	55,453	7.98	4.66	91.6	clear, colourless, slightly salty and organic odour
SW154	11 Jun 2025	20.3	53,982	8.68	11.9	-283.8	clear, colourless, low turbidity, some sediment, no odour, no sheen
SW156	14 Jan 2025	30.4	56,167	8	4.59	-76.5	clear, colourless, no odour, no sheen
SW156	14 Jan 2025	30.4	56,167	8	4.59	-76.5	Clear/colourless
SW156	14 Mar 2025	24	55,668	7.97	4.71	90.7	clear, colourless, slightly salty and organic odour
SW156	11 Jun 2025	19.4	53,788	7.9	12.96	-236.3	clear, colourless, low turbidity, some sediment, no sheen, saltwater odour
SW156	08 Jan 2020	24.8	56,063	8.11	5.6	19.3	
SW156	30 Mar 2020	23.5	52,157	7.68	5.1	-397.7	
SW156	20 Jul 2020	16.9	18,577	-	6.26	17.6	Clear
SW156	23 Sep 2020	14.6	44,567	8.16	10.99	116.4	Clear, no odour
SW156	14 Dec 2020	23.6	55,331	8.04	3.43	49.5	Clear, no odour
SW156	15 Mar 2021	22.4	57,225	7.95	57.2	43.6	clear
SW156	08 Jun 2021	16	54,693	7.83	1.1	-	Clear, no odour
SW156	30 Aug 2021	17.1	52,057	8.01	6.13	24.2	Clear
SW156	10 Jan 2022	25.1	55,276	8.26	3.8	-	Clear
SW156	15 Mar 2022	25.8	55,646	7.94	5.47	55.3	Clear
SW156	08 Jun 2022	15.8	54,287	7.9	6.12	13.9	Cloudy

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW156	05 Sep 2022	16.4	54,193	8.12	5.54	50.3	Clear
SW156	12 Dec 2022	25.6	56,408	8.17	3.92	-61.5	Clear, no odour
SW156	15 Mar 2023	24.7	50,970	7.14	3.77	0.2	Clear
SW156	07 Jun 2023	19.5	68,610	7.96	2.92	-	Clear
SW156	11 Sep 2023	19.5	68,610	7.96	2.92	-	Clear
SW156	19 Dec 2023	22.8	55,321	8.18	4.54	-	Clear, no odour
SW156	11 Mar 2024	25.9	55,986	8.16	4.73	-	Clear, no odour
SW156	28 May 2024	20	53,749	7.98	6.86	33.5	
SW156	14 Mar 2025	24	55,668	7.97	4.71	90.7	clear, colourless, slightly salty and organic odour
SW156	11 Jun 2025	19.4	53,788	7.9	12.96	-236.3	clear, colourless, low turbidity, some sediment, no sheen, saltwater odour
SW305	17 Dec 2024	29.1	54,131	8.09	3.65	-147.9	clear, colourless, moderate seaweed
SW305	17 Dec 2024	29.1	54,131	8.09	3.65	-147.9	Clear/colourless
SW305	13 Mar 2025	27.7	55,864	8.05	5.65	25	clear, colourless, no sheen, slight organic odour (salty), low tutbidity
SW305	13 Jun 2025	17.6	53,661	7.91	9.63	-353.1	clear, colourless, low turbidity, no sheen, saltwater/seaweed odour
SW305	12 Sep 2025	21.4	49,802	7.93	4.88	10.8	High sediment load, abundant organic matter, seaweed traces, clear, no sheen, no odour, no colour
SW305	08 Jan 2020	36.2	53,542	8.16	6.01	21.2	
SW305	31 Mar 2020	24.2	55,805	8.04	5.01	26	
SW305	20 Jul 2020	16.9	18,674	-	7.35	15.7	Clear
SW305	22 Sep 2020	20.6	54,670	8.19	6.41	-131.4	Clear, no odour
SW305	15 Dec 2020	26.2	54,290	8.17	5.78	-120	Clear, no odour
SW305	15 Mar 2021	24.2	57,377	8.3	4.17	30.9	clear
SW305	08 Jun 2021	19	54,564	8.17	4.34	-	Clear, no odour
SW305	01 Sep 2021	17	52,253	7.94	5.17	-144.2	Clear
SW305	11 Jan 2022	25.3	58,620	8.15	4.28	-	Clear
SW305	18 Mar 2022	25.8	56,632	8.05	3.5	-219.1	Clear
SW305	08 Jun 2022	16.1	-	7.9	3.4	115.3	Clear
SW305	05 Sep 2022	20.9	47,079	7.81	4.58	-117.5	Clear
SW305	12 Dec 2022	26.2	52,979	7.8	3.07	-134.5	Clear, no odour
SW305	13 Mar 2023	26.8	51,790	7.13	5.44	-107.2	Clear
SW305	13 Dec 2023	28.1	53,386	8.05	3.41	-	Clear, no odour
SW305	12 Mar 2024	26.3	53,965	7.56	1.51	-	Clear, no odour
SW305	29 May 2024	16.5	52,212	7.85	5.36	64.5	
SW305	13 Mar 2025	27.7	55,864	8.05	5.65	25	clear, colourless, no sheen, slight organic odour (salty), low tutbidity
SW305	13 Jun 2025	17.6	53,661	7.91	9.63	-353.1	clear, colourless, low turbidity, no sheen, saltwater/seaweed odour
SW309	18 Dec 2024	25.3	53,552	7.99	1.69	-74.7	Clear/colourless
SW309	18 Dec 2024	25.3	53,552	7.99	1.69	74.7	no colour, clear, no odour, no sheen, no sediment
SW309	10 Mar 2025	24.8	54,881	7.97	4.32	119.6	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW309	16 Jun 2025	18.9	29,658	7.88	12.02	-320.6	clear, colourless, low turbidity, no sheen, saltwater odour
SW309	10 Sep 2025	16.5	34,025	8.16	6.95	43.5	Clear, low sediment load, no organic matter, no sheen, no turbidity
SW309	31 Mar 2020	22.8	52,327	7.91	7.01	-409.6	
SW309	22 Jul 2020	18	18,803	-	8.2	11.8	Clear
SW309	23 Sep 2020	19.7	56,248	8.43	7.21	82.4	Clear, no odour
SW309	15 Dec 2020	23.9	56,055	7.44	0.04	-284.6	Clear, no odour
SW309	15 Mar 2021	24.1	57,313	8.31	3.44	34.9	clear
SW309	08 Jun 2021	18.7	54,325	8.16	4.57	-	Clear, no odour
SW309	31 Aug 2021	18.5	52,731	7.93	5.15	-131.1	Clear
SW309	13 Jan 2022	23.6	55,170	8.31	4.09	-	Clear
SW309	16 Mar 2022	23.9	54,237	7.98	3.86	12.6	Clear
SW309	07 Jun 2022	15.9	-	7.96	1.63	97.6	Clear
SW309	06 Sep 2022	18.5	43,478	8.06	6.14	18.9	Clear
SW309	13 Dec 2022	19.6	64,136	8.19	4.93	28.8	Clear, no odour
SW309	14 Mar 2023	25.3	56,717	8.13	4.58	95.6	Clear
SW309	08 Jun 2023	17.9	53,313	7.94	4.72	-	Clear
SW309	04 Sep 2023	17.9	53,313	7.94	4.72	-	Clear
SW309	11 Dec 2023	29.7	1,793	8.13	4.75	-	Clear, no odour

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

Location Code	Date						Sample Comments
SW309	11 Mar 2024	23.7	56,553	7.74	1.64	-	Clear, no odour
SW309	28 May 2024	17.9	53,313	7.94	4.72	43.6	
SW309	10 Mar 2025	24.8	54,881	7.97	4.32	119.6	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW309	16 Jun 2025	18.9	29,658	7.88	12.02	-320.6	clear, colourless, low turbidity, no sheen, saltwater odour
SW310	18 Dec 2024	25.7	53,919	7.8	1.94	37.8	-
SW310	18 Dec 2024	25.7	53,919	7.8	1.94	-37.8	Clear/colourless
SW310	10 Mar 2025	25.4	55,723	8.04	4.1	73.5	pale yellow to clear, slight organic odour (salty), moderate sediment load, liw turbidity
SW310	16 Jun 2025	18.4	53,814	7.96	8.75	-334.3	clear, colourless, low turbidity, no sheen, saltwater odour
SW310	10 Sep 2025	19	53,489	8.09	5.67	-157.9	Clear, low sediment load, no organic matter, no sheen, no turbidity
SW310	31 Mar 2020	23.4	53,515	7.83	8.11	-411.5	
SW310	22 Jul 2020	18.1	18,770	-	6.24	9.9	Clear
SW310	23 Sep 2020	19.8	56,288	8.38	5.74	92.4	Clear, no odour
SW310	15 Dec 2020	23.4	55,586	7.91	3.42	-213.3	Clear, no odour
SW310	15 Mar 2021	23.7	57,326	8.31	5.08	35.3	clear
SW310	08 Jun 2021	18.5	54,526	8.19	4.59	-	Clear, no odour
SW310	31 Aug 2021	18.6	53,300	8.09	5.78	-149.8	Clear
SW310	13 Jan 2022	23.7	55,167	8.25	3.62	-	Clear
SW310	16 Mar 2022	23.3	54,303	8.02	4.14	57.9	Clear
SW310	07 Jun 2022	13.1	-	8.04	2.02	140	Clear
SW310	06 Sep 2022	17.6	42,081	8.03	5.81	46.9	clear
SW310	13 Dec 2022	19.6	64,273	8.22	4.61	37.8	Clear, no odour
SW310	14 Mar 2023	24.6	56,620	8.13	4.35	79.8	Clear
SW310	08 Jun 2023	17.5	53,149	7.96	4.54	-	Clear
SW310	04 Sep 2023	17.5	53,149	7.96	4.54	-	Clear
SW310	11 Dec 2023	25.5	55,231	8.13	4.07	-	Clear, no odour
SW310	11 Mar 2024	23.4	55,370	8.05	5.91	-	Clear, no odour
SW310	28 May 2024	17.5	53,149	7.96	4.54	43.6	
SW310	10 Mar 2025	25.4	55,723	8.04	4.1	73.5	pale yellow to clear, slight organic odour (salty), moderate sediment load, liw turbidity
SW310	16 Jun 2025	18.4	53,814	7.96	8.75	-334.3	clear, colourless, low turbidity, no sheen, saltwater odour
SW311	18 Dec 2024	24.6	53,673	8.01	2.19	-77.6	Clear/colourless
SW311	18 Dec 2024	24.6	53,673	8.01	2.19	77.6	no colour, clear, no odour, no sheen, no sediment
SW311	10 Mar 2025	28.6	55,515	8.08	5.76	86.6	clear, slight organic odour (salty), moderate sediment load, low turbidity
SW311	16 Jun 2025	19.5	53,794	7.99	14.13	-338.7	clear, colourless, low turbidity, no sheen, saltwater odour
SW311	10 Sep 2025	20.5	51,835	8.12	14.77	-182.7	Clear, odourless, low sediment load, no turbidity
SW311	01 Apr 2020	22.9	52,743	7.77	0.01	-328.8	
SW311	22 Jul 2020	17.5	18,624	-	6.09	8.6	Clear
SW311	23 Sep 2020	19.8	55,922	8.39	6.38	93.4	Clear, no odour
SW311	15 Dec 2020	23.2	55,470	8.07	4.98	65	Clear, no odour
SW311	16 Mar 2021	25.2	54,256	7.79	3.67	46.3	Clear
SW311	08 Jun 2021	18.3	54,459	8.18	4.54	-	Clear, no odour
SW311	31 Aug 2021	22.6	52,532	8.07	7.76	73.4	Clear
SW311	13 Jan 2022	23.4	54,300	8.28	4.69	-	Clear
SW311	16 Mar 2022	23.5	54,400	8.07	4.56	50.1	Clear
SW311	07 Jun 2022	13.7	-	7.87	1.94	77.7	Clear
SW311	06 Sep 2022	18.3	43,321	8.02	6.55	17.4	Clear
SW311	13 Dec 2022	19.6	64,272	8.24	4.97	44.5	Clear, no odour
SW311	14 Mar 2023	24.8	56,490	8.17	4.44	82.3	Clear
SW311	08 Jun 2023	18	53,782	8	4.52	-	Clear
SW311	04 Sep 2023	18	53,782	8	4.52	-	Clear
SW311	11 Dec 2023	25	55,802	8.17	3.75	-	Clear, no odour
SW311	11 Mar 2024	26.6	54,998	7.99	7.4	-	Clear, no odour
SW311	28 May 2024	18	53,782	8	4.52	42.7	
SW311	10 Mar 2025	28.6	55,515	8.08	5.76	86.6	clear, slight organic odour (salty), moderate sediment load, low turbidity
SW311	16 Jun 2025	19.5	53,794	7.99	14.13	-338.7	clear, colourless, low turbidity, no sheen, saltwater odour
SW317	17 Dec 2024	24	52,210	7.88	5.2	-162	Clear/colourless

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW317	17 Dec 2024	24	52,210	7.88	5.2	162	no colour, clear, no odour, no sheen, no sediment
SW317	10 Mar 2025	24.7	55,529	8.12	5.65	109.3	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW317	12 Jun 2025	17.7	53,146	7.93	12.45	-460.3	clear, colourless, low turbidity, no sheen, saltwater odour
SW317	16 Sep 2025	20.5	50,290	8.18	5.98	-76.5	Clear, no odour, no turbidity, low sediment load, no sheen
SW317	08 Jan 2020	21.2	50,724	8.11	13.02	-56.6	
SW317	30 Mar 2020	22.5	51,782	8.16	7.26	29.1	
SW317	21 Jul 2020	16.1	44,741	8.24	6.48	5.6	Clear
SW317	21 Sep 2020	17.2	55,117	6.17	5.8	23.4	Clear, no odour
SW317	14 Dec 2020	24.5	55,238	8.11	4.02	-11.7	Clear, no odour
SW317	16 Mar 2021	22.4	57,392	8.02	2.9	95	clear
SW317	09 Jun 2021	15.6	54,368	8.09	6.23	-	Lots of seaweed, brown water
SW317	31 Aug 2021	18.2	50,586	8.2	5.21	70.1	Clear
SW317	13 Jan 2022	25.3	54,634	8.11	3.29	-	Clear
SW317	16 Mar 2022	24.8	56,016	8.24	4.82	43.7	Clear
SW317	09 Jun 2022	15.9	53,342	8.01	5.89	20.9	Clear
SW317	06 Sep 2022	18.1	45,687	7.85	4.64	11.8	Clear
SW317	13 Dec 2022	20.5	51,189	7.95	3.76	10	Clear, no odour
SW317	14 Mar 2023	28.3	55,378	7.42	5.01	-143.9	Clear
SW317	06 Jun 2023	14.3	54,524	8.14	5.4	-	Clear
SW317	04 Sep 2023	14.3	54,524	8.14	5.4	-	Clear
SW317	12 Dec 2023	28.9	54,703	8.07	4.77	-	Clear, no odour
SW317	11 Mar 2024	24.4	55,520	8.14	4.72	-	Clear, no odour
SW317	28 May 2024	19.2	51,140	8.01	4.95	10.5	
SW317	10 Mar 2025	24.7	55,529	8.12	5.65	109.3	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW317	12 Jun 2025	17.7	53,146	7.93	12.45	-460.3	clear, colourless, low turbidity, no sheen, saltwater odour
SW318	17 Dec 2024	25.3	52,345	8	0.74	145.6	no colour, clear, no odour, no sheen, no sediment
SW318	10 Mar 2025	24.3	54,534	8.12	6.69	111.9	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW318	12 Jun 2025	17.7	52,893	7.9	12.54	-469.5	clear, colourless, low turbidity, no sheen, saltwater odour
SW318	16 Sep 2025	19.7	50,337	8.12	5.92	-84.5	Low sediment, no turbidity, no sheen, no odour
SW318	17 Dec 2024	25.3	52,345	8	0.74	-145.6	Clear/colourless
SW318	08 Jan 2020	25.7	50.43	7.99	24.58	-21.9	
SW318	30 Mar 2020	22.5	54,328	8.28	6.94	2.5	QC103 and 203
SW318	21 Jul 2020	16	44,825	8.24	5.48	1.6	Clear
SW318	21 Sep 2020	17.2	55,457	8.11	5.49	39.2	Clear, no odour
SW318	14 Dec 2020	22.7	54,887	8.14	4.86	23.8	Clear, no odour
SW318	16 Mar 2021	23	57,373	8.06	3.35	72.5	clear
SW318	09 Jun 2021	16.5	54,493	8.16	5.52	-	Clear, no odour
SW318	31 Aug 2021	17.6	51,173	8.17	5.13	65.9	Clear
SW318	13 Jan 2022	25.2	55,490	8.19	1.54	-	Clear
SW318	16 Mar 2022	24.9	56,666	8.27	5.25	31.6	Clear
SW318	09 Jun 2022	16.3	54,234	8.13	6.01	20.2	Clear
SW318	06 Sep 2022	16.7	45,310	7.94	4.54	25	Clear
SW318	13 Dec 2022	20.8	51,242	7.98	4.47	16.9	Clear, no odour
SW318	14 Mar 2023	25.2	51,496	7.32	4.91	-79.5	Clear
SW318	06 Jun 2023	14.6	54,216	8.13	5.98	-	Clear
SW318	04 Sep 2023	14.6	54,216	8.13	5.98	-	Clear
SW318	12 Dec 2023	29.4	54,760	8.07	3.54	-	Clear, no odour
SW318	11 Mar 2024	23.1	55,559	8.12	5.1	-	Clear, no odour
SW318	28 May 2024	19.4	51,210	8.05	4.77	15.7	
SW318	10 Mar 2025	24.3	54,534	8.12	6.69	111.9	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW318	12 Jun 2025	17.7	52,893	7.9	12.54	-469.5	clear, colourless, low turbidity, no sheen, saltwater odour
SW319	17 Dec 2024	27.6	53,218	7.98	1.48	-118	Clear/colourless
SW319	17 Dec 2024	27.6	53,218	7.98	1.48	118	no colour, clear, no odour, no sheen, no sediment
SW319	10 Mar 2025	23	55,636	8.16	6.46	111	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW319	12 Jun 2025	17.5	53,740	7.91	11.91	-465.3	clear, colourless, low turbidity, no sheen, saltwater odour

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

Location Code	Date						Sample Comments
SW319	16 Sep 2025	18	50,762	8.11	5.99	-84.3	Clear, low sediment load, no turbidity, no sheen, odourless
SW319	30 Mar 2020	22.4	54,127	8.3	7.07	-4.2	Qc104 and 204
SW319	21 Jul 2020	16	44,403	8.27	7.28	7.6	Clear
SW319	21 Sep 2020	17	56,641	8.13	5.18	47.9	Qc104/204
SW319	14 Dec 2020	20.8	55,164	8.15	3.93	53.4	Clear, no odour
SW319	16 Mar 2021	24.2	54,842	7.73	3.11	3.1	clear
SW319	09 Jun 2021	16	52,978	7.92	6.08	-	Clear, no odour
SW319	31 Aug 2021	17.9	51,342	8.12	4.95	67.8	Clear
SW319	13 Jan 2022	24.6	55,633	8.22	1.62	-	sample incorrectly labelled SW314
SW319	16 Mar 2022	25	56,905	8.21	3.31	-48.5	Clear
SW319	09 Jun 2022	15.8	54,233	8.1	6.39	15.4	Clear
SW319	06 Sep 2022	16.8	45,580	7.91	4.01	-81.7	Clear
SW319	13 Dec 2022	20.7	51,323	8.02	4.63	10.9	Clear, no odour
SW319	14 Mar 2023	24.5	50,868	7.29	4.67	-62.3	Clear
SW319	06 Jun 2023	14.8	54,529	8.1	5.47	-	Clear
SW319	04 Sep 2023	14.8	54,529	8.1	5.47	-	Clear
SW319	12 Dec 2023	29.8	54,779	8.06	3.23	-	Clear, no odour
SW319	11 Mar 2024	23.1	55,738	8.08	4.25	-	Clear, no odour
SW319	28 May 2024	19	56,378	8.05	6.75	10.2	
SW319	10 Mar 2025	23	55,636	8.16	6.46	111	clear, colourless, slight organic odour (salty), low turbidity, low sediment load
SW319	12 Jun 2025	17.5	53,740	7.91	11.91	-465.3	clear, colourless, low turbidity, no sheen, saltwater odour
SW353	19 Dec 2024	22.8	53,204	7.9	2.12	-145.1	Clear/colourless
SW353	19 Dec 2024	22.8	53,204	7.9	2.12	145.1	no colour, clear, no odour, no sheen, no sediment
SW353	12 Mar 2025	25	55,306	8.07	5.22	119	clear, colourless, slightly organic and salty odour
SW353	19 Jun 2025	19.2	53,977	8.14	10.19	-144.1	clear, colourless, low turbidity, some sediment, no sheen, saltwater odour
SW353	11 Sep 2025	18.1	52,858	8.1	4.98	56.9	Low turbidity, low sediment load, no sheen, colourless
SW353	21 Jul 2020	17.6	18,659	-	7.36	25.1	Clear
SW353	23 Sep 2020	21.1	56,252	8.22	5.05	87.9	Clear, no odour
SW353	16 Dec 2020	22.2	55,317	7.48	4.58	74.4	Clear, no odour
SW353	16 Mar 2021	24.9	57,163	8.02	4.19	5.1	clear
SW353	09 Jun 2021	16	53,140	8.04	5.3	-	Clear, no odour
SW353	30 Aug 2021	17.5	52,460	8	6.62	81.6	Clear
SW353	11 Jan 2022	24.1	52,996	8.17	4.64	-	Clear
SW353	14 Mar 2022	25.7	55,745	7.98	4.45	72.6	Clear
SW353	07 Jun 2022	18.3	48,190	7.83	15.32	-3	Clear
SW353	07 Sep 2022	16.2	53,990	8.18	6.42	118.2	Clear
SW353	12 Dec 2022	23.7	56,024	7.93	4.49	55.1	Clear, no odour
SW353	16 Mar 2023	24.2	56,304	8.11	4.56	74	Ckear
SW353	07 Jun 2023	18.9	53,706	8.13	3.96	-	Clear
SW353	05 Sep 2023	18.9	53,706	8.13	3.96	-	Clear
SW353	14 Dec 2023	23.5	54,447	8.1	5.74	-	Clear, no odour
SW353	11 Mar 2024	22.3	54,119	6.88	4.08	-	Clear, no odour
SW353	27 May 2024	18.9	53,706	8.13	3.96	80.8	
SW353	12 Mar 2025	25	55,306	8.07	5.22	119	clear, colourless, slightly organic and salty odour
SW353	19 Jun 2025	19.2	53,977	8.14	10.19	-144.1	clear, colourless, low turbidity, some sediment, no sheen, saltwater odour
SW370	17 Dec 2024	27.9	53,413	7.91	3.43	-135.7	clear, colourless
SW370	17 Dec 2024	27.9	53,413	7.91	3.43	-135.7	Clear/colourless
SW370	13 Mar 2025	26.8	55,583	7.94	3.7	84.2	clear, colourless, no sheen, slight organic odour, low tutbidity
SW370	13 Jun 2025	19	53,115	7.91	10.03	-387.5	clear, colourless, low turbidity, no sheen, saltwater odour
SW370	12 Sep 2025	21	51,061	8.1	7.5	12.5	Clear, low sediment load, no turbidity, colourless, odourless, no sheen
SW370	31 Mar 2020	22.3	55,703	7.97	2.62	-7.7	
SW370	15 Jul 2020	15.3	44,144	7.99	6.87	-41	Lots of seaweed
SW370	24 Sep 2020	19.6	54,681	7.96	4.42	-122.4	Clear, no odour
SW370	15 Dec 2020	27.1	55,292	7.91	4.17	-194.4	Clear, no odour
SW370	17 Mar 2021	28.6	56,199	7.96	5.35	49.2	Clear

		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
		°C	µS/cm	pH units	mg/L	mV	
EQL		0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**						**Sample Comments**
SW370	09 Jun 2021	16	53,191	8.09	4.92	-	Clear, no odour
SW370	01 Sep 2021	16.4	51,948	7.67	6.15	-148.5	Brown/clear
SW370	10 Jan 2022	25.8	55,153	8.14	4.43	-	Clear
SW370	14 Mar 2022	28	59,788	7.94	3.2	-25.8	Clear
SW370	07 Jun 2022	14.1	42,762	7.67	16.61	-55.7	Clear
SW370	05 Sep 2022	17.8	42,646	7.98	6.54	63.2	Clear
SW370	12 Dec 2022	26.8	67,905	8.11	6.32	55.7	Clear, no odour
SW370	14 Mar 2023	24	56,612	7.56	1.36	-42.7	Clear
SW370	07 Jun 2023	14.7	52,834	7.93	5.34	-	Cloudy
SW370	05 Sep 2023	14.7	52,834	7.93	5.34	-	Cloudy
SW370	13 Dec 2023	24.6	55,870	8.15	3.88	-	Clear, no odour
SW370	13 Mar 2024	23.1	55,209	7.57	1.04	-	Clear, no odour
SW370	29 May 2024	15.9	49,993	7.83	6.46	101.9	
SW370	13 Mar 2025	26.8	55,583	7.94	3.7	84.2	clear, colourless, no sheen, slight organic odour, low tutbidity
SW370	13 Jun 2025	19	53,115	7.91	10.03	-387.5	clear, colourless, low turbidity, no sheen, saltwater odour
SW371	17 Dec 2024	30.1	53,755	8.05	3.35	-100.2	clear, colourless
SW371	17 Dec 2024	30.1	53,755	8.05	3.35	-100.2	Clear/colourless
SW371	13 Mar 2025	28.3	54,550	7.88	3.81	87.5	clear, colourless, no sheen, slight organic odour, low tutbidity
SW371	13 Jun 2025	18.1	53,702	7.96	11.2	346.2	clear, colourless, low turbidity, no sheen, saltwater/seaweed odour
SW371	12 Sep 2025	22	50,039	7.9	6.15	13.7	Colourless, no odour, low sediment load , abundance of organic matter.
SW371	08 Jan 2020	29	53,812	8.22	13.47	36.7	
SW371	20 Jul 2020	16.9	18,501	-	12.45	18.6	Clear
SW371	22 Sep 2020	20.4	54,165	8.17	5	-136.7	Clear, no odour
SW371	15 Dec 2020	27.7	53,972	8.34	3.69	-126.3	Clear, no odour
SW371	17 Mar 2021	29	56,038	8.09	3.4	19.2	Clear
SW371	09 Jun 2021	16.5	54,469	8.15	5.13	-	Clear, no odour
SW371	01 Sep 2021	16.9	51,199	7.76	5.24	-139.3	
SW371	11 Jan 2022	28.2	57,733	8.12	3.63	-	sample incorrectly labelled SW321
SW371	18 Mar 2022	26	56,482	8.02	3.47	-167.2	Clear
SW371	08 Jun 2022	15.3	-	7.8	3.47	122.5	Clear
SW371	05 Sep 2022	21.3	47,227	7.78	3.59	-235.4	Clear
SW371	12 Dec 2022	27.8	57,466	7.98	5.59	-154.6	Clear, no odour
SW371	13 Mar 2023	27.9	54,860	7.34	3.2	-262.5	Clear
SW371	13 Dec 2023	28.2	52,331	7.96	3.75	-	Clear, no odour
SW371	12 Mar 2024	22.7	54,401	7.74	3.77	-	Clear, no odour
SW371	29 May 2024	16.5	52,031	7.79	6.74	72.6	
SW371	13 Mar 2025	28.3	54,550	7.88	3.81	87.5	clear, colourless, no sheen, slight organic odour, low tutbidity
SW371	13 Jun 2025	18.1	53,702	7.96	11.2	346.2	clear, colourless, low turbidity, no sheen, saltwater/seaweed odour
SW372	17 Dec 2024	29.6	52,641	8.01	3.52	-139.7	clear, colourless
SW372	17 Dec 2024	29.6	52,641	8.01	3.52	-139.7	Clear/colourless
SW372	13 Mar 2025	27.8	55,919	8.07	5.64	23.9	clear, colourless, no sheen, slight organic odour (salty), low tutbidity
SW372	13 Jun 2025	18.1	52,817	7.91	10.02	-338.4	clear, colourless, low turbidity, no sheen, saltwater odour
SW372	12 Sep 2025	21.2	49,991	7.94	5.06	11.6	No sheen, low sediment load, high sediment load, abundant organic matter (seaweed), no color, no odor
SW372	08 Jan 2020	25.1	55,087	8.2	5.89	48.1	
SW372	31 Mar 2020	24	66,960	8.16	4.31	6.3	
SW372	20 Jul 2020	17	18,735	-	6.78	15.6	Clear
SW372	22 Sep 2020	20.7	53,960	8.19	5.62	-124.9	Clear, no odour
SW372	15 Dec 2020	23.7	55,961	8.24	4.87	12.8	Clear, no odour
SW372	17 Mar 2021	26.9	56,457	8.2	4.86	0.8	Clear
SW372	09 Jun 2021	16.1	54,535	8.15	4.36	-	Clear, no odour
SW372	01 Sep 2021	17.3	52,046	7.96	6.09	-152.4	Clear
SW372	12 Jan 2022	33.8	54,644	8.09	3.17	-	Clear
SW372	18 Mar 2022	25.5	56,145	8.15	2.74	-239.5	Clear
SW372	08 Jun 2022	16.8	-	7.82	2.56	126.3	Clear
SW372	06 Sep 2022	14	41,216	7.84	5.06	-23.4	Clear

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW372	12 Dec 2022	28.1	53,181	8.09	6.24	-133.5	Clear, no odour
SW372	14 Mar 2023	26	52,732	7.26	2.83	-241.6	Brown
SW372	13 Dec 2023	27.6	52,031	7.97	4.82	-	Clear, no odour
SW372	12 Mar 2024	22.1	60,163	7.92	3.51	-	Brown
SW372	28 May 2024	19.3	51,298	7.83	4.53	-43	
SW372	13 Mar 2025	27.8	55,919	8.07	5.64	23.9	clear, colourless, no sheen, slight organic odour (salty), low tutbidity
SW372	13 Jun 2025	18.1	52,817	7.91	10.02	-338.4	clear, colourless, low turbidity, no sheen, saltwater odour
SW373	17 Dec 2024	28.9	53,848	8.12	4.29	-137	clear, colourless
SW373	17 Dec 2024	28.9	53,848	8.12	4.29	-137	Clear/colourless
SW373	13 Mar 2025	27.8	55,214	8.08	5.31	26.2	clear, colourless, no sheen, slight organic odour (salty), low tutbidity
SW373	13 Jun 2025	18.2	53,485	7.9	10.08	-347.1	clear, colourless, low turbidity, no sheen, saltwater/seaweed odour
SW373	12 Sep 2025	21.4	49,678	7.91	4.72	12.7	Colourless, low sediment load, no sheen, colorless, abundant organic matter
SW373	08 Jan 2020	25.1	1,193	8.26	8.28	57.1	
SW373	31 Mar 2020	23.8	56,004	8.19	5.56	-0.04	
SW373	20 Jul 2020	17.3	18,791	-	6.69	14.5	Clear
SW373	22 Sep 2020	20.9	54,251	8.14	8.58	-135.2	Clear, no odour
SW373	15 Dec 2020	24.1	54,728	8.05	5.75	-18.5	Clear, no odour
SW373	17 Mar 2021	25.2	57,314	8.21	4.04	55.2	Clear
SW373	10 Jun 2021	18	52,927	8.12	4.62	-	Clear, no odour
SW373	30 Aug 2021	17.2	48,992	7.5	4.93	166.1	Clear
SW373	12 Jan 2022	27.8	55,809	8.25	4.7	-	Clear
SW373	18 Mar 2022	25.5	55,753	8	3.66	-46.4	Clear
SW373	08 Jun 2022	16.6	-	8.01	3.63	110.8	Clear
SW373	06 Sep 2022	15.1	42,752	7.19	4.94	8.2	Clear
SW373	12 Dec 2022	28.2	57,872	7.97	6.8	-69.8	Clear, no odour
SW373	14 Mar 2023	26.2	50,749	7	2.09	-18.6	Brown
SW373	13 Dec 2023	27.1	52,457	7.98	3.29	-	Clear, no odour
SW373	12 Mar 2024	22.3	60,423	7.89	3.82	-	Brown
SW373	28 May 2024	19.4	51,197	8.01	3.82	-42.5	
SW373	13 Mar 2025	27.8	55,214	8.08	5.31	26.2	clear, colourless, no sheen, slight organic odour (salty), low tutbidity
SW373	13 Jun 2025	18.2	53,485	7.9	10.08	-347.1	clear, colourless, low turbidity, no sheen, saltwater/seaweed odour
SW382	19 Dec 2024	23.2	53,722	7.94	1.75	128.1	-
SW382	19 Dec 2024	23.2	53,722	7.94	1.75	-128.1	Clear/Colourless
SW382	12 Mar 2025	23.8	55,215	8.12	4.71	99.4	clear, colourless, slight organic odour (salty), moderate sediment load, low turbidity
SW382	09 Jun 2025	20.7	54,140	8.18	9.84	-89.8	clear, colourless, low turbidity, some sediment, no sheen, saltwater odour
SW382	11 Sep 2025	18.6	53,448	8.1	21.03	-63.5	Odourless, low sediment load, no sheen, clear, colourless
SW382	21 Jul 2020	17.3	18,592	-	5.86	12	Clear
SW382	23 Sep 2020	19.3	56,644	8.32	6.18	70.4	Clear, no odour
SW382	16 Dec 2020	21.6	55,161	8.14	4.61	80.1	labelled PW382 in CoC
SW382	17 Mar 2021	25.9	55,200	8.04	4.36	74.4	clear
SW382	10 Jun 2021	19.1	53,643	8.09	3.75	-	Clear, no odour
SW382	30 Aug 2021	18.2	52,620	8.13	5.2	63.8	Clear
SW382	11 Jan 2022	24.6	54,142	8.25	3.82	-	Clear
SW382	14 Mar 2022	26.3	56,095	8.06	3.92	61.9	Clear
SW382	07 Jun 2022	17.6	47,986	7.95	6.56	45.5	Clear
SW382	07 Sep 2022	15.8	54,119	8.19	6.47	109.1	Clear
SW382	12 Dec 2022	23.3	56,259	8.21	4.38	47.1	Clear, no odour
SW382	16 Mar 2023	24	56,503	8.14	5.39	75.4	Clear
SW382	07 Jun 2023	18.6	53,968	8.07	4.38	-	Clear
SW382	05 Sep 2023	18.6	53,968	8.07	4.38	-	Clear
SW382	14 Dec 2023	23.5	54,283	8.14	5.55	-	Clear, no odour
SW382	11 Mar 2024	22.1	54,968	8.07	5.72	-	Clear, no odour
SW382	27 May 2024	18.6	53,968	8.07	4.38	83.7	
SW382	12 Mar 2025	23.8	55,215	8.12	4.71	99.4	clear, colourless, slight organic odour (salty), moderate sediment load, low turbidity
SW382	09 Jun 2025	20.7	54,140	8.18	9.84	-89.8	clear, colourless, low turbidity, some sediment, no sheen, saltwater odour

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW383	19 Dec 2024	23	53,412	7.93	1.46	-119.8	Clear/colourless
SW383	19 Dec 2024	23	53,418	7.93	1.46	119.8	no colour, no odour, no sheen, no sediment
SW383	09 Jun 2025	21.9	541,558	817	15.6	-53.6	clear, colourless, low turbidity, some sediment, no sheen, no odour
SW383	21 Jul 2020	17.2	18,647	-	10	13	Clear
SW383	23 Sep 2020	19.2	56,099	8.31	6.29	78.7	Clear, no odour
SW383	16 Dec 2020	21.9	55,319	8.15	4.71	76.1	Clear, no odour
SW383	17 Mar 2021	24.7	55,855	8.08	4.95	71.1	clear
SW383	10 Jun 2021	19.2	53,039	8.68	3.09	-	Clear, no odour
SW383	30 Aug 2021	17.6	52,224	8.13	5.93	61.8	Clear
SW383	11 Jan 2022	24.5	54,062	8.26	3.87	-	Clear
SW383	14 Mar 2022	25.7	56,257	8.04	4.27	64	Clear
SW383	07 Jun 2022	18	48,455	7.94	10.43	33.6	
SW383	07 Sep 2022	15.9	53,190	8.2	6.49	111.3	Clear
SW383	12 Dec 2022	23.3	56,088	8.14	4.17	40.9	Clear, no odour
SW383	16 Mar 2023	23.6	56,348	8.15	4.38	74.8	Clear
SW383	07 Jun 2023	18.6	53,978	8.12	4.78	-	Clear
SW383	05 Sep 2023	18.6	53,978	8.12	4.78	-	Clear
SW383	14 Dec 2023	23.8	54,766	8.12	4.89	-	Clear, no odour
SW383	11 Mar 2024	22.1	54,954	8.07	5.93	-	Clear, no odour
SW383	27 May 2024	18.6	53,978	8.12	4.78	83.5	
SW383	09 Jun 2025	21.9	541,558	817	15.6	-53.6	clear, colourless, low turbidity, some sediment, no sheen, no odour
SW384	19 Dec 2024	23.4	53,115	7.91	2.55	-134.7	Clear/colourless
SW384	19 Dec 2024	23.4	53,115	7.91	2.55	134.7	no colour, no odour, no sheen, no sediment
SW384	12 Mar 2025	25	55,214	8.04	4.96	120	clear, colourless, slightly organic and salty odour
SW384	09 Jun 2025	20	53,833	8.16	9.01	-77.5	clear, colourless, low turbidity, no sediment, no sheen, saltwater odour
SW384	11 Sep 2025	18.2	52,631	8.11	5.8	52.8	Colourless, no turbidity, low sediment load, no sheen
SW384	21 Jul 2020	17.3	18,618	-	7.67	8.9	Clear
SW384	16 Dec 2020	22.5	55,381	8.13	4.23	70.5	Clear, no odour
SW384	17 Mar 2021	24.5	56,098	8.11	4.39	71.3	clear
SW384	10 Jun 2021	20.5	53,296	8.24	4.29	-	Clear, no odour
SW384	30 Aug 2021	17.1	52,220	8.08	6.21	82.2	Clear
SW384	11 Jan 2022	23.9	53,042	8.24	3.82	-	Clear
SW384	14 Mar 2022	25.8	56,226	8.05	4.05	65.7	Clear
SW384	07 Jun 2022	17.8	47,984	7.9	13.4	16.7	
SW384	07 Sep 2022	15.8	53,380	8.2	6.07	113.6	Clear
SW384	12 Dec 2022	23.8	56,412	8.09	4.29	47.4	Clear, no odour
SW384	16 Mar 2023	24	56,847	7.13	4.65	72.1	Clear
SW384	07 Jun 2023	18.5	53,075	8	4.02	-	Clear
SW384	05 Sep 2023	18.5	53,075	8	4.02	-	Clear
SW384	14 Dec 2023	23.8	54,544	8.1	4.74	-	Clear, no odour
SW384	11 Mar 2024	21.9	30,872	7.71	6.34	-	Clear, no odour
SW384	27 May 2024	18.5	53,075	8	4.02	81.6	
SW384	12 Mar 2025	25	55,214	8.04	4.96	120	clear, colourless, slightly organic and salty odour
SW384	09 Jun 2025	20	53,833	8.16	9.01	-77.5	clear, colourless, low turbidity, no sediment, no sheen, saltwater odour
SW406	17 Dec 2024	31	53,388	7.88	4.23	-102.6	Clear/colourless
SW406	17 Dec 2024	31	53,388	7.88	4.23	102.6	no colour, clear, no odour, no sheen, no sediment
SW406	10 Mar 2025	24.2	55,662	7.38	6.44	82.8	clear, colourless, slight organic odour (wrack), low turbidity, low sediment load
SW406	16 Jun 2025	18.6	53,535	8.07	9.87	-336	clear, colourless, low turbidity, no sheen, saltwater odour
SW406	16 Sep 2025	14.8	51,517	8.11	6.08	-67.8	Clear, low sediment load, no sheen, no turbidity
SW406	14 Jan 2020	26.8	31,500	8.05	7.13	-75.2	
SW406	01 Apr 2020	27.7	58,512	8.02	3.79	49.4	
SW406	22 Jul 2020	15.6	18,223	-	5.27	20	QC113, QC213
SW406	21 Sep 2020	20.2	56,799	8.09	4.24	-113.3	Qc111/211
SW406	15 Dec 2020	22	54,808	7.9	4.84	-65.4	labelled SW446 in CoC
SW406	17 Mar 2021	24.4	55,591	8.14	4.82	71	clear

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW406	10 Jun 2021	20.4	53,197	7.95	3.64	-	Clear, no odour
SW406	31 Aug 2021	21.6	52,058	8.03	4.74	-119.2	Clear
SW406	14 Jan 2022	25.2	55,317	8.03	4.05	-	Clear
SW406	16 Mar 2022	26.5	58,606	8.19	4.4	41.3	Clear
SW406	07 Jun 2022	15.6	-	7.9	2.09	43.9	Clear
SW406	07 Sep 2022	13.6	53,221	8.2	7.45	111.7	Clear
SW406	13 Dec 2022	19.5	56,255	8.26	4.86	82.9	Clear, no odour
SW406	14 Mar 2023	26.7	53,550	7.21	3.91	-25.6	Clear
SW406	08 Jun 2023	15.2	52,737	7.93	4.76	-	Clear
SW406	05 Sep 2023	15.2	52,737	7.93	4.76	-	Clear
SW406	11 Dec 2023	28.7	58,532	8.18	3.62	-	Clear, no odour
SW406	12 Mar 2024	21.3	55,176	7.94	3.76	-	Clear, no odour
SW406	28 May 2024	17.7	49,401	7.96	5.41	70.3	
SW406	10 Mar 2025	24.2	55,662	7.38	6.44	82.8	clear, colourless, slight organic odour (wrack), low turbidity, low sediment load
SW406	16 Jun 2025	18.6	53,535	8.07	9.87	-336	clear, colourless, low turbidity, no sheen, saltwater odour
SW408	17 Dec 2024	30.4	53,665	7.83	2.07	-122.1	Clear/colourless
SW408	17 Dec 2024	30.4	53,665	7.83	2.07	122.1	no colour, clear, no odour, no sheen, no sediment
SW408	10 Mar 2025	20.9	55,195	7.84	7.19	136.7	clear, colourless, no turbidity, no sheen, no odour, mod sediment load, ocean water
SW408	16 Jun 2025	18.7	53,785	8.05	11.1	-280.7	clear, colourless, low turbidity, no sheen, saltwater odour
SW408	16 Sep 2025	14.9	50,966	8.1	5.73	-66.5	Clear, low sediment load, no sheen, no turbidity, no odour
SW408	14 Jan 2020	26.5	28,477	8.01	6.5	-63.7	
SW408	01 Apr 2020	24	54,299	8.01	4.93	-20.5	
SW408	22 Jul 2020	15.8	18,263	-	5.75	18.4	Clear
SW408	21 Sep 2020	20.4	56,275	8.1	5.03	-104.8	Clear, no odour
SW408	15 Dec 2020	19.8	53,676	7.97	4.85	77	Clear, no odour
SW408	17 Mar 2021	24.8	57,531	8.1	3.17	55.5	clear
SW408	10 Jun 2021	18.1	53,402	8.92	6.24	-	Clear, no odour
SW408	31 Aug 2021	22.1	50,239	7.72	5.87	6.3	
SW408	14 Jan 2022	24.9	53,794	8.11	3.43	-	Clear
SW408	16 Mar 2022	26.2	58,134	8.19	5.17	-39.7	Clear
SW408	07 Jun 2022	14.9	-	7.43	2.51	-4.5	Clear
SW408	07 Sep 2022	14.9	22,150	7.7	6.35	25	Clear
SW408	13 Dec 2022	19.4	54,992	8.08	4.68	69.9	Clear, no odour
SW408	14 Mar 2023	27	53,008	7.16	3.54	-42.1	Clear
SW408	08 Jun 2023	15.1	52,646	7.92	5.23	-	Clear
SW408	05 Sep 2023	15.1	52,646	7.92	5.23	-	Clear
SW408	11 Dec 2023	29.7	56,709	8.2	5.81	-	Clear, no odour
SW408	12 Mar 2024	21.7	54,848	7.93	5.19	-	Clear, no odour
SW408	28 May 2024	17.2	54,989	8.05	8.99	100.2	
SW408	10 Mar 2025	20.9	55,195	7.84	7.19	136.7	clear, colourless, no turbidity, no sheen, no odour, mod sediment load, ocean water
SW408	16 Jun 2025	18.7	53,785	8.05	11.1	-280.7	clear, colourless, low turbidity, no sheen, saltwater odour
SW410	17 Dec 2024	31.7	53,086	8.21	1.34	-134.1	Clear/colourless
SW410	17 Dec 2024	31.7	53,086	8.21	1.34	134.1	no colour, clear, no odour, no sheen, no sediment
SW410	10 Mar 2025	28.8	55,480	8.04	3.57	101.8	clear, colourless, slight organic odour (wrack), low turbidity, low sediment load
SW410	16 Jun 2025	18.9	53,900	8.02	10.61	-305.8	clear, colourless, low turbidity, no sheen, saltwater odour
SW410	16 Sep 2025	17.7	52,081	8.06	12.16	-76.5	Clear, no turbidity, low sediment load, no sheen
SW410	14 Jan 2020	28.7	32,170	8.17	6.08	-98.5	
SW410	02 Apr 2020	23.6	53,657	7.77	5.63	-255.1	
SW410	21 Jul 2020	12.8	22,026	8.14	7.81	29.9	Clear
SW410	22 Sep 2020	19.5	56,669	8.21	4.06	-167.4	Clear, no odour
SW410	15 Dec 2020	20.4	55,888	8	4.3	38.3	Clear, no odour
SW410	17 Mar 2021	25.1	57,553	8.16	3.66	61.6	clear
SW410	10 Jun 2021	18	53,555	8.62	5.89	-	Clear, no odour
SW410	31 Aug 2021	21.2	51,621	7.91	6.06	-88.1	Clear
SW410	14 Jan 2022	25	56,090	8.17	4.2	-	Clear

		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
		°C	µS/cm	pH units	mg/L	mV	
EQL		0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**						**Sample Comments**
SW410	16 Mar 2022	25.5	57,589	8.2	4.75	-11.3	Clear
SW410	07 Jun 2022	16.8	-	7.8	3.65	3.5	Clear
SW410	06 Sep 2022	19.6	47,561	7.89	4.4	-3.8	Clear
SW410	13 Dec 2022	19.2	50,051	7.89	4.98	15.8	Clear, no odour
SW410	14 Mar 2023	27.1	53,644	7.23	5.77	-15.5	Clear
SW410	08 Jun 2023	15.4	50,949	8.01	5.94	-	Clear
SW410	04 Sep 2023	15.4	50,949	8.01	5.94	-	Clear
SW410	11 Dec 2023	34.1	59,200	8.4	6.86	-	Clear, no odour
SW410	12 Mar 2024	22.9	56,163	7.88	3.62	-	Clear, no odour
SW410	28 May 2024	18.4	50,175	7.91	4.79	-26.5	
SW410	10 Mar 2025	28.8	55,480	8.04	3.57	101.8	clear, colourless, slight organic odour (wrack), low turbidity, low sediment load
SW410	16 Jun 2025	18.9	53,900	8.02	10.61	-305.8	clear, colourless, low turbidity, no sheen, saltwater odour
SW412	18 Dec 2024	24.7	53,057	7.83	4.77	-100.7	Clear/colourless
SW412	18 Dec 2024	24.7	53,057	7.83	4.77	100.7	no colour, clear, no odour, no sheen, no sediment
SW412	10 Mar 2025	25.8	55,522	8.19	4.67	94.7	clear, colourless, slightly organic and salty odour
SW412	16 Jun 2025	19.2	53,683	8.08	10.72	-283.6	clear, colourless, low turbidity, no sheen, saltwater odour
SW412	10 Sep 2025	19.6	52,880	8.18	5.93	-171.5	Clear, odourless, low sediment load, no turbidity
SW412	14 Jan 2020	26.5	58,803	8.19	6.52	-68.4	
SW412	01 Apr 2020	23.7	53,555	7.66	6.2	-279.1	
SW412	21 Jul 2020	14.6	43,445	8.14	6.45	34	Clear
SW412	22 Sep 2020	18.6	56,982	8.07	4.1	-181.7	Clear, no odour
SW412	15 Dec 2020	24.4	55,088	8.09	4.33	39.9	Clear, no odour
SW412	18 Mar 2021	24	55,929	8.09	4.02	42.6	Clear
SW412	10 Jun 2021	19.2	54,169	8.1	4.93	-	Clear, no odour
SW412	01 Sep 2021	16.5	27,903	8.09	7.19	97.5	Clear
SW412	14 Jan 2022	25.2	56,660	8.3	3.76	-	Clear
SW412	16 Mar 2022	25.2	57,345	8.14	4.41	43.7	Clear
SW412	07 Jun 2022	15.5	-	7.99	3.96	86.5	Clear
SW412	06 Sep 2022	17.4	41,793	8.16	6.69	-8.5	Clear
SW412	14 Dec 2022	22.8	54,681	7.85	4.21	-45.1	Clear, no odour
SW412	15 Mar 2023	26.1	56,280	8.27	5.53	82.2	Clear
SW412	08 Jun 2023	17.5	54,092	8.02	5.59	-	Clear
SW412	04 Sep 2023	17.5	54,092	8.02	5.59	-	Clear
SW412	13 Dec 2023	28.2	54,597	8.03	4.59	-	Clear, no odour
SW412	12 Mar 2024	23.7	56,064	8.11	4.11	-	Clear, no odour
SW412	28 May 2024	17.5	54,092	8.02	5.59	-103.3	
SW412	10 Mar 2025	25.8	55,522	8.19	4.67	94.7	clear, colourless, slightly organic and salty odour
SW412	16 Jun 2025	19.2	53,683	8.08	10.72	-283.6	clear, colourless, low turbidity, no sheen, saltwater odour
SW414	18 Dec 2024	27	53,521	7.82	1.05	-131.7	Clear/colourless
SW414	18 Dec 2024	27	53,521	7.82	1.05	131.7	no colour, clear, no odour, no sheen, no sediment
SW414	10 Mar 2025	26.9	55,648	8.14	5.5	93.5	clear, colourless, slightly organic and salty odour
SW414	10 Sep 2025	19.9	52,605	8.14	5.74	-173.5	Clear, odourless, low sediment load, no turbidity
SW414	14 Jan 2020	27.2	30,498	8.08	7.16	-65.2	
SW414	02 Apr 2020	23.3	56,542	8.1	21.22	131.6	
SW414	21 Jul 2020	15.5	44,857	8.09	6.03	42.3	Clear
SW414	22 Sep 2020	19.3	56,965	8.16	4.7	-128.2	Clear, no odour
SW414	15 Dec 2020	24.9	56,119	8.1	3.77	23.8	Clear, no odour
SW414	18 Mar 2021	26.2	57,773	8.06	3.08	67.8	clear
SW414	10 Jun 2021	20.1	54,076	7.72	1.8	-	labelled MW373 in CoC
SW414	01 Sep 2021	16.8	52,110	8.04	6.65	90.4	Clear
SW414	14 Jan 2022	25.6	57,522	8.32	3.88	-	Clear
SW414	16 Mar 2022	25.9	57,465	8.17	4.26	37.8	Clear
SW414	07 Jun 2022	15.4	-	7.96	4.01	75.4	Clear
SW414	06 Sep 2022	17.7	42,074	8.17	6.79	2.2	Clear
SW414	14 Dec 2022	23.4	55,357	7.89	4.2	-92.7	Clear, no odour

	Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	
	°C	µS/cm	pH units	mg/L	mV	
EQL	0.1	0.1	0.01	0.01	0.01	
Location Code	**Date**					**Sample Comments**
SW414	15 Mar 2023	25.9	56,578	8.27	5.9	80.1	Clear
SW414	08 Jun 2023	17.8	54,040	8.04	6	-	Clear
SW414	04 Sep 2023	17.8	54,040	8.04	6	-	Clear
SW414	13 Dec 2023	27.3	56,137	8.04	3.58	-	Clear, no odour
SW414	12 Mar 2024	24.1	55,993	8.13	3.79	-	Clear, no odour
SW414	28 May 2024	17.8	54,040	8.04	6	-110.4	
SW414	10 Mar 2025	26.9	55,648	8.14	5.5	93.5	clear, colourless, slightly organic and salty odour
SW416	18 Dec 2024	25.8	53,544	7.87	4.02	-127.8	Clear/colourless
SW416	18 Dec 2024	25.8	53,544	7.87	4.02	127.8	no colour, clear, no odour, no sheen, no sediment
SW416	10 Mar 2025	26.7	55,566	8.19	4.82	91.4	clear, colourless, slightly organic and salty odour
SW416	16 Jun 2025	19.7	54,045	8.02	13.44	-316.5	clear, colourless, low turbidity, no sheen, saltwater odour
SW416	10 Sep 2025	20.3	34,005	8.13	5.13	-168.8	Clear, low sediment load, no sheen, no turbidity
SW416	14 Jan 2020	28.1	50,238	8.17	6.18	-74.3	
SW416	02 Apr 2020	23	53,672	8.12	5.86	139.4	
SW416	21 Jul 2020	15.7	44,851	8.15	5.94	43.1	Clear
SW416	22 Sep 2020	21.6	56,988	8.17	4.57	-116.5	Clear, no odour
SW416	15 Dec 2020	24.9	56,798	8.14	4.14	19.9	Clear, no odour
SW416	18 Mar 2021	25	57,455	8.11	3.6	57.8	clear
SW416	10 Jun 2021	17.7	53,503	8.56	5.27	-	Clear, no odour
SW416	01 Sep 2021	17.1	52,410	7.97	6.6	83.5	
SW416	14 Jan 2022	25.2	57,135	8.34	3.96	-	Clear
SW416	16 Mar 2022	25.5	57,889	8.17	4.32	-12.9	Clear
SW416	07 Jun 2022	15.8	-	8.05	4.5	61.7	Clear
SW416	06 Sep 2022	18.7	42,875	8.15	6.45	67.5	Clear
SW416	14 Dec 2022	25.1	57,973	7.99	3.62	-46.1	Clear, no odour
SW416	15 Mar 2023	26.4	56,808	8.25	5.31	73	Clear
SW416	08 Jun 2023	17.7	54,087	8.01	6.01	-	Clear
SW416	04 Sep 2023	17.7	54,087	8.01	6.01	-	Clear
SW416	13 Dec 2023	28.4	55,391	8.1	4.74	-	Clear, no odour
SW416	12 Mar 2024	23.6	55,815	8.06	3.91	-	Clear, no odour
SW416	28 May 2024	17.7	54,087	8.01	6.01	-110.2	
SW416	10 Mar 2025	26.7	55,566	8.19	4.82	91.4	clear, colourless, slightly organic and salty odour
SW416	16 Jun 2025	19.7	54,045	8.02	13.44	-316.5	clear, colourless, low turbidity, no sheen, saltwater odour

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW001	04 Jun 2024	20.3	38,372	8.01	9.27	19.1	-	
PW002	04 Jun 2024	18.4	51,432	7.87	10.11	19.1	-	
PW304	17 Dec 2024	27	45,830	7.32	1.13	-187.3	29,761	
PW304	13 Mar 2025	30.4	4,180	7.66	3	47.7	2,708	very pale grey, slight organic odour (salty), low to moderate turbidity, moderate sediment load
PW304	13 Jun 2025	16.7	54,588	7.34	7.34	-339.5	35,467	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW304	12 Sep 2025	17.3	30,748	7.43	2.46	-68.8	19,959	Low sediment load, no sheen, no odour, no turbidity
PW304	08 Jan 2020	23.1	-	7.64	3.42	-95.9	-	
PW304	01 Apr 2020	20.3	24,093	8.26	7.01	-26.7	-	
PW304	20 Jul 2020	18.5	14,406	-	1.22	-71.1	-	Clear
PW304	22 Sep 2020	17.9	39,723	7.29	0.79	-	-	Clear, no odour
PW304	15 Dec 2020	27	44,353	7.24	0.51	-	-	Clear, no odour
PW304	15 Mar 2021	20.8	48,004	7.32	1.17	-	-	
PW304	10 Jun 2021	18.5	33,159	7.76	4.7	-	-	Seaweed
PW304	01 Sep 2021	16.6	51,304	7.65	2.62	43.4	-	
PW304	11 Jan 2022	25.8	60,090	7.43	0.5	-	-	Clear
PW304	08 Jun 2022	14.9	-	7.47	1.8	84.8	-	Clear
PW304	05 Sep 2022	20.1	8,335	7.67	1.54	-259.9	-	Clear
PW304	12 Dec 2022	22.9	61,802	7.52	0.8	-282	-	Clear, no odour
PW304	13 Mar 2023	28.3	58,303	7.1	1.72	-103.5	-	Clear, no odour
PW304	13 Dec 2023	27.1	18,257	7.78	1.05	-	-	Clear
PW304	12 Mar 2024	25.1	58,660	7.34	0.27	-	-	Clear
PW304	29 May 2024	17.7	50,037	7.62	5.77	64	-	
PW304	13 Mar 2025	30.4	4,180	7.66	3	47.7	2,708	very pale grey, slight organic odour (salty), low to moderate turbidity, moderate sediment load
PW304	13 Jun 2025	16.7	54,588	7.34	7.34	-339.5	35,467	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW306	18 Dec 2024	25	51,521	7.54	1.43	105.7	31,178	
PW306	11 Mar 2025	25.3	55,729	7.79	4.07	113	36,242	clear, colourless, slight organic and salty odour
PW306	16 Jun 2025	18.2	53,864	7.53	11.46	-314	35,019	clear, colourless, low turbidity, no sheen, saltwater and seaweed odour
PW306	10 Sep 2025	14.7	52,628	7.85	2.7	18.6	34,228	Clear, odourless, low sediment load, no sheen
PW306	31 Mar 2020	23.7	56,187	6.79	1.72	-418.6	-	
PW306	22 Jul 2020	17.3	18,326	-	7.65	23.3	-	Clear
PW306	23 Sep 2020	16.1	55,838	7.84	19.39	-	-	Clear, no odour
PW306	15 Dec 2020	23.7	55,732	7.47	0.71	-	-	Clear, no odour
PW306	17 Mar 2021	24.5	58,544	7.6	1.16	-	-	Clear
PW306	09 Jun 2021	15.9	54,619	7.95	4.23	-	-	Clear, no odour
PW306	31 Aug 2021	18	52,146	7.57	6.13	29.9	-	
PW306	13 Jan 2022	25.9	55,478	7.74	0.97	-	-	Clear
PW306	16 Mar 2022	24.6	55,887	7.7	4.01	32	-	Clear
PW306	07 Jun 2022	14.8	-	7.3	0.69	-244.1	-	Cloudy,Yellow
PW306	06 Sep 2022	17.8	42,474	8.13	6.78	20	-	
PW306	13 Dec 2022	19.4	61,177	7.69	2.12	-142.9	-	Clear, no odour
PW306	14 Mar 2023	23.8	56,851	7.88	2.48	82.4	-	Clear, no odour
PW306	08 Jun 2023	16	53,040	7.55	4.32	-	-	Clear
PW306	04 Sep 2023	16	53,040	7.55	4.32	-	-	Clear
PW306	11 Dec 2023	26	65,173	7.05	0.19	-	-	Clear, Rotten egg odour
PW306	11 Mar 2024	22.5	55,730	7.74	2.72	-	-	Clear
PW306	28 May 2024	16	53,040	7.55	4.32	54.5	-	
PW306	11 Mar 2025	25.3	55,729	7.79	4.07	113	36,242	clear, colourless, slight organic and salty odour
PW306	16 Jun 2025	18.2	53,864	7.53	11.46	-314	35,019	clear, colourless, low turbidity, no sheen, saltwater and seaweed odour
PW307	11 Mar 2025	24.7	55,379	7.78	3.92	64	36,025	clear, colourless, slightly organic salty odour
PW307	16 Jun 2025	17.4	53,742	7.72	12.23	-321.5	34,927	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW307	10 Sep 2025	15	52,636	7.94	5.4	34.212	34,215	Odourless, colourless, low sediment load, no sheen
PW307	31 Mar 2020	25.1	54,463	7.07	1.82	-418.5	-	
PW307	22 Jul 2020	17.2	18,913	-	-	23	-	Clear
PW307	23 Sep 2020	19.6	56,666	8.02	3.72	-	-	Clear, no odour
PW307	15 Dec 2020	22.8	55,544	7.73	2.5	-	-	Clear, no odour

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW307	17 Mar 2021	23.8	58,544	8	3.87	-	-	Clear
PW307	09 Jun 2021	15.5	54,395	8.07	4.86	-	-	Clear, no odour
PW307	31 Aug 2021	17.6	53,079	8.04	5.36	-119.8	-	Clear
PW307	13 Jan 2022	25.3	56,400	7.91	1.09	-	-	Clear
PW307	16 Mar 2022	24.2	55,319	7.82	3.59	59.9	-	Clear
PW307	07 Jun 2022	15	-	8	2.11	100.7	-	Clear
PW307	06 Sep 2022	17.5	41,877	7.96	6.42	64.3	-	
PW307	13 Dec 2022	19.7	65,633	7.82	1.2	-0.8	-	Clear, no odour
PW307	14 Mar 2023	24	56,870	7.59	4.14	84	-	Clear, no odour
PW307	08 Jun 2023	15.8	53,400	7.55	4.87	-	-	Clear
PW307	04 Sep 2023	15.8	53,400	7.55	4.87	-	-	Clear
PW307	11 Dec 2023	23.1	55,955	7.68	3.87	-	-	Clear
PW307	11 Mar 2024	23	55,338	8.06	6.07	-	-	Clear
PW307	28 May 2024	15.8	53,400	7.55	4.87	54.8	-	
PW307	11 Mar 2025	24.7	55,379	7.78	3.92	64	36,025	clear, colourless, slightly organic salty odour
PW307	16 Jun 2025	17.4	53,742	7.72	12.23	-321.5	34,927	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW308	11 Mar 2025	29.2	55,589	7.97	3.3	83.8	30,164	clear, colourless, slightly organic salty odour
PW308	16 Jun 2025	18.3	53,360	7.96	12.6	-296.9	34,659	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW308	10 Sep 2025	14.8	52,751	8.05	6.84	-189.4	34,287	Low sediment load, no sheen, no odour, no turbidity, clear
PW308	01 Apr 2020	23.2	51,183	8.16	5.61	-12.4	-	
PW308	22 Jul 2020	17.1	18,584	-	7.55	12.3	-	Clear
PW308	23 Sep 2020	17.5	47,667	8.15	7.67	-	-	Clear, no odour
PW308	15 Dec 2020	23.4	55,712	7.88	3.33	-	-	Clear, no odour
PW308	17 Mar 2021	25.2	57,750	7.92	3.2	-	-	Clear
PW308	09 Jun 2021	16.5	53,704	8.05	4.82	-	-	Clear, no odour
PW308	31 Aug 2021	20.6	51,369	8.11	7.64	72.7	-	
PW308	13 Jan 2022	26.2	56,087	8.04	1.08	-	-	Clear
PW308	16 Mar 2022	24.2	28,413	8.04	4.43	49	-	Brown,Cloudy
PW308	07 Jun 2022	14.7	-	7.97	3.08	79.1	-	Clear
PW308	06 Sep 2022	18.2	42,881	8.04	6.63	10.1	-	
PW308	13 Dec 2022	19.6	63,916	7.83	3.13	15.1	-	Clear, no odour
PW308	14 Mar 2023	24	56,713	7.94	4.48	78	-	Clear, no odour
PW308	08 Jun 2023	16	54,204	7.55	4.58	-	-	Clear
PW308	04 Sep 2023	16	54,204	7.55	4.58	-	-	Clear
PW308	11 Dec 2023	24	56,259	7.83	4.45	-	-	Clear
PW308	11 Mar 2024	23.8	55,432	8.01	6.2	-	-	Clear
PW308	28 May 2024	16	54,204	7.55	4.58	48	-	
PW308	11 Mar 2025	29.2	55,589	7.97	3.3	83.8	30,164	clear, colourless, slightly organic salty odour
PW308	16 Jun 2025	18.3	53,360	7.96	12.6	-296.9	34,659	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW314	11 Mar 2025	24.1	55,611	7.71	1.56	-98	36,455	moderately cloudy, pale grey, slight organic and salty odour, moderate sediment load
PW314	10 Sep 2025	15.3	52,885	7.54	2.2	52	34,489	Colourless, no sheen, no odour, clear, low sediment load
PW314	31 Mar 2020	22.7	50,749	7.01	1.94	-404.3	-	
PW314	22 Jul 2020	18.1	18,920	-	6.09	15.9	-	Clear
PW314	23 Sep 2020	17.8	56,902	7.91	1.28	-	-	Clear, no odour
PW314	15 Dec 2020	25.7	-	7.01	1.56	-	-	Clear, no odour
PW314	17 Mar 2021	24.3	60,103	7.66	3.11	-	-	Clear
PW314	09 Jun 2021	15.5	54,449	7.96	4.12	-	-	Clear, no odour
PW314	31 Aug 2021	18	53,616	7.9	4.46	-127.4	-	Clear
PW314	13 Jan 2022	24.7	56,016	7.8	0.92	-	-	Clear
PW314	16 Mar 2022	24.8	56,206	7.55	1.68	41.7	-	Brown
PW314	07 Jun 2022	15.8	-	7.61	1.25	85.4	-	Clear
PW314	06 Sep 2022	17.8	42,404.27	41.4	5.83	-	-	
PW314	13 Dec 2022	20.3	64,969	7.72	2.63	-66.7	-	Clear, no odour
PW314	14 Mar 2023	23.9	57,136	7.51	3.79	84.4	-	Clear, no odour
PW314	08 Jun 2023	15.9	53,028	7.55	4.2	-	-	Clear

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW314	04 Sep 2023	15.9	53,028	7.55	4.2	-	-	Clear
PW314	11 Dec 2023	25.7	55,742	7.68	4.3	-	-	Clear
PW314	11 Mar 2024	24	55,377	8.01	5.4	-	-	Clear
PW314	28 May 2024	15.9	53,028	7.55	4.2	58.2	-	
PW314	11 Mar 2025	24.1	55,611	7.71	1.56	-98	36,455	moderately cloudy, pale grey, slight organic and salty odour, moderate sediment load
PW315	11 Mar 2025	29.3	42,529	7.65	3.12	53.2	27,644	clear, colourless, slightly organic salty odour
PW315	16 Jun 2025	16.7	54,041	7.59	12.64	-276.6	35,131	clear, colourless, low turbidity, low sediment, no sheen, seawater and seaweed odour
PW315	10 Sep 2025	14.5	52,548	7.88	5.87	13.5	34,150	Colourless, no turbidity, low sediment load
PW315	01 Apr 2020	24.2	51,079	8.23	5.99	-19.8	-	
PW315	22 Jul 2020	16.6	18,647	-	5.71	16.5	-	Clear
PW315	23 Sep 2020	16.6	46,745	7.91	5.14	-	-	Clear, no odour
PW315	15 Dec 2020	23.9	56,808	6.71	0.83	-	-	Clear, no odour
PW315	17 Mar 2021	25.1	57,309	7.89	3.54	-	-	Clear
PW315	09 Jun 2021	15.2	54,490	8.05	4.76	-	-	Clear, no odour
PW315	31 Aug 2021	18.2	1,765	7.94	10.97	80	-	QC116/216
PW315	13 Jan 2022	25.5	56,137	7.94	1.31	-	-	Clear
PW315	16 Mar 2022	24.5	56,140	7.66	3.73	57.1	-	Cloudy
PW315	07 Jun 2022	15.5	-	7.7	1.38	97.7	-	Clear
PW315	06 Sep 2022	17.2	38,278	8.13	6.46	20.7	-	
PW315	13 Dec 2022	19.8	64,981	7.76	2.77	-38.8	-	Clear, no odour
PW315	14 Mar 2023	23.9	57,129	7.51	3.18	84.5	-	Clear, no odour
PW315	08 Jun 2023	16	53,040	7.5	4.1	-	-	Clear
PW315	04 Sep 2023	16	53,040	7.5	4.1	-	-	Clear
PW315	11 Dec 2023	27.8	55,853	7.66	2.36	-	-	Brown
PW315	11 Mar 2024	23.4	55,559	7.91	3.9	-	-	Clear
PW315	28 May 2024	16	53,040	7.5	4.1	50.3	-	
PW315	11 Mar 2025	29.3	42,529	7.65	3.12	53.2	27,644	clear, colourless, slightly organic salty odour
PW315	16 Jun 2025	16.7	54,041	7.59	12.64	-276.6	35,131	clear, colourless, low turbidity, low sediment, no sheen, seawater and seaweed odour
PW316	11 Mar 2025	30	55,750	7.79	3.84	85.7	36,252	clear, colourless, slightly organic salty odour
PW316	16 Jun 2025	19.2	53,060	7.82	11.33	-309.6	34,490	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW316	10 Sep 2025	15	52,348	8	6.24	-161.5	34,259	Colourless, low sediment load, no sheen, no turbidity
PW316	01 Apr 2020	22.4	58,295	7.43	0.03	-410.8	-	
PW316	22 Jul 2020	17.6	18,730	-	7.3	9.6	-	Clear
PW316	23 Sep 2020	16.8	47,057	8.02	10.81	-	-	Clear, no odour
PW316	15 Dec 2020	23.4	56,627	7.84	3.22	-	-	Clear, no odour
PW316	17 Mar 2021	26.6	60,123	7.96	3.33	-	-	Clear
PW316	09 Jun 2021	15.4	54,614	8.08	5.21	-	-	Clear, no odour
PW316	31 Aug 2021	17.4	53,034	8.01	5.27	-157.9	-	Clear,Cloudy
PW316	13 Jan 2022	24.5	55,679	8	1.33	-	-	Clear
PW316	16 Mar 2022	24.5	56,064	7.87	4.21	-37.3	-	Clear
PW316	07 Jun 2022	15.3	-	7.96	2.43	88.8	-	Clear
PW316	06 Sep 2022	17.8	42,533	8.12	6.65	20.8	-	
PW316	13 Dec 2022	20.4	65,154	7.82	2.75	19.2	-	Clear, no odour
PW316	14 Mar 2023	24	53,657	8.12	3.38	84.5	-	Clear, no odour
PW316	08 Jun 2023	16	54,008	7.49	4.51	-	-	Clear
PW316	04 Sep 2023	16	54,008	7.49	4.51	-	-	Clear
PW316	11 Dec 2023	24.5	52,299	7.67	3.75	-	-	Clear
PW316	11 Mar 2024	23.4	52,179	8.05	5.85	-	-	Clear
PW316	28 May 2024	16	54,008	7.49	4.51	60.1	-	
PW316	11 Mar 2025	30	55,750	7.79	3.84	85.7	36,252	clear, colourless, slightly organic salty odour
PW316	16 Jun 2025	19.2	53,060	7.82	11.33	-309.6	34,490	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW329	14 Jan 2025	26.6	58,757	7.69	2.7	-81.5	38,200	Clear, colourless, no odour, no sheen
PW329	14 Mar 2025	24	59,490	7.46	2.16	93.5	38,679	pale yellow grey, clear, no odour, low turbidity, low sediment load
PW329	11 Jun 2025	18.4	57,163	7.69	15.6	-225.1	33,678	clear, colourless, low sediment, low turbidity, no sheen, saltwater odour
PW329	09 Jan 2020	24.5	67,738	7.45	2.08	196.4	-	

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW329	30 Mar 2020	22	56,187	6.79	1.72	-418.6	-	
PW329	20 Jul 2020	15	18,249	-	9.23	14.4	-	
PW329	23 Sep 2020	14.7	45,149	7.72	2.52	-	-	Clear, no odour
PW329	14 Dec 2020	22	54,407	7.61	1.09	-	-	Clear, no odour
PW329	16 Mar 2021	23.1	57,859	7.57	2.36	-	-	
PW329	08 Jun 2021	15.1	53,614	7.59	1.22	-	-	Clear, no odour
PW329	30 Aug 2021	14.9	52,022	7.95	1.98	-12.6	-	
PW329	10 Jan 2022	24.9	63,330	7.45	0.11	-	-	Clear
PW329	15 Mar 2022	26.2	57,145	7.73	1.49	-2.3	-	Clear
PW329	08 Jun 2022	16.4	54,744	7.49	3.49	4.7	-	Clear
PW329	05 Sep 2022	15.9	54,958	7.76	1.1	-146.4	-	Clear
PW329	12 Dec 2022	23	59,412	7.69	0.58	-251.1	-	Clear, no odour
PW329	15 Mar 2023	24.5	51,388	7	3.04	-3	-	Clear, no odour
PW329	07 Jun 2023	21.4	54,205	7.33	2.05	-	-	Clear
PW329	11 Sep 2023	21.4	54,205	7.33	2.05	-	-	Clear
PW329	19 Dec 2023	22.4	56,196	7.65	1.65	-	-	Clear
PW329	11 Mar 2024	24.5	56,464	7.75	0.96	-	-	Clear
PW329	28 May 2024	19.4	53,188	7.61	6.94	55.7	-	
PW329	14 Mar 2025	24	59,490	7.46	2.16	93.5	38,679	pale yellow grey, clear, no odour, low turbidity, low sediment load
PW329	11 Jun 2025	18.4	57,163	7.69	15.6	-225.1	33,678	clear, colourless, low sediment, low turbidity, no sheen, saltwater odour
PW330	14 Jan 2025	25.2	58,256	7.64	0.8	-99.9	38,880	Clear, colourless, no odour, no sheen
PW330	14 Mar 2025	25.1	58,189	7.61	3.53	92.3	37,797	colourless, clear, no odour, low turbidity, low sediment load
PW330	11 Jun 2025	19	53,829	8.04	13.28	-247.2	34,988	clear, colourless, no turbidity, no sediment, no sheen, no odour
PW330	09 Jan 2020	24.3	69,074	7.25	2.17	-188.5	-	
PW330	30 Mar 2020	22	54,463	7.07	1.82	-418.5	-	
PW330	20 Jul 2020	15.1	18,514	-	6.18	15.5	-	0.4 to base of hole
PW330	22 Sep 2020	19	55,768	7.75	1.88	-	-	Clear, no odour
PW330	14 Dec 2020	22.6	54,711	7.67	1.08	-	-	Clear, sulfur odour
PW330	16 Mar 2021	24	57,538	7.67	0.81	-	-	Clear
PW330	08 Jun 2021	14.8	53,016	7.21	2.87	-	-	Clear, no odour
PW330	30 Aug 2021	15.4	52,755	7.78	4.67	41.9	-	
PW330	10 Jan 2022	23.5	62,077	7.64	0.8	-	-	Clear
PW330	15 Mar 2022	25.5	57,452	7.86	1.83	13.1	-	Clear
PW330	08 Jun 2022	14.9	55,396	7.12	1.54	-67.8	-	Clear
PW330	05 Sep 2022	15.9	56,245	7.73	0.88	-48.8	-	Clear
PW330	12 Dec 2022	23.1	57,250	7.65	0.48	-259.7	-	Clear, no odour
PW330	15 Mar 2023	25.1	51,730	7.2	3.17	-4.1	-	Clear, no odour
PW330	07 Jun 2023	16.4	52,412	7.78	4.54	-	-	Clear
PW330	11 Sep 2023	16.4	52,412	7.78	4.54	-	-	Clear
PW330	19 Dec 2023	22.1	56,600	7.76	2.32	-	-	Clear
PW330	11 Mar 2024	22.1	56,570	7.61	1.48	-	-	Clear
PW330	28 May 2024	20.3	53,260	7.86	6.7	43.8	-	
PW330	14 Mar 2025	25.1	58,189	7.61	3.53	92.3	37,797	colourless, clear, no odour, low turbidity, low sediment load
PW330	11 Jun 2025	19	53,829	8.04	13.28	-247.2	34,988	clear, colourless, no turbidity, no sediment, no sheen, no odour
PW331	14 Jan 2025	23.6	57,984	7.29	0.86	-193.4	37,657	Clear, colourless, no odour, no sheen
PW331	14 Mar 2025	24.5	58,893	7.31	4.02	88.2	38,276	colourless, clear, no odour, low turbidity, low sediment load
PW331	11 Jun 2025	18	52,267	8.69	11.84	-303.7	33,973	clear, salty odour, no sheen, no sediment, no turbidity
PW331	09 Jan 2020	25.7	32,835	7.48	4.99	-136.1	-	
PW331	30 Mar 2020	22.2	50,749	7.01	1.94	-404.3	-	
PW331	20 Jul 2020	15.7	18,665	-	6.52	14.7	-	
PW331	23 Sep 2020	17.2	56,304	7.8	1.556	-	-	Clear, no odour
PW331	14 Dec 2020	21.2	55,666	7.61	1.33	-	-	Clear, no odour
PW331	16 Mar 2021	24.9	58,310	7.59	16	-	-	Clear
PW331	08 Jun 2021	15.8	54,740	6.68	2.18	-	-	Clear, no odour
PW331	30 Aug 2021	16.9	51,797	8.03	6.15	22.8	-	

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW331	10 Jan 2022	23.3	60,610	7.61	0.48	-	-	Clear
PW331	15 Mar 2022	25.5	58,760	7.59	0.91	58.4	-	Clear
PW331	08 Jun 2022	14.9	55,637	7.43	2.63	2.3	-	Clear
PW331	05 Sep 2022	16.9	53,876	7.8	2.74	-17.8	-	Clear
PW331	12 Dec 2022	22.3	57,821	7.56	1.08	-272.5	-	Clear, no odour
PW331	15 Mar 2023	22.9	49,518	6.66	1.22	-209.5	-	Clear, no odour
PW331	07 Jun 2023	21.7	54,701	7.32	1.97	-	-	Clear
PW331	11 Sep 2023	21.7	54,701	7.32	1.97	-	-	Clear
PW331	19 Dec 2023	22.9	61,451	7.36	0.87	-	-	Clear
PW331	11 Mar 2024	24.5	57,415	7.71	0.74	-	-	Clear
PW331	28 May 2024	20.3	53,767	7.9	6.83	43.3	-	
PW331	14 Mar 2025	24.5	58,893	7.31	4.02	88.2	38,276	colourless, clear, no odour, low turbidity, low sediment load
PW331	11 Jun 2025	18	52,267	8.69	11.84	-303.7	33,973	clear, salty odour, no sheen, no sediment, no turbidity
PW335	18 Dec 2024	26.1	58,794	7.6	1.81	-91.4	38,168	
PW335	19 Dec 2024	22.5	53,595	7.57	1.57	125.5	35,906	
PW335	14 Mar 2025	24.9	42,781	7.42	4.07	54.7	27,808	pale yellow, clear, no odour, low turbidity, moderate sediment load, organic matter present
PW335	13 Jun 2025	16.3	52,693	7.32	13.28	-454.4	34,244	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW335	09 Sep 2025	14	50,531	7.69	8.56	-126	32,829	Clear, odourless, no sheen, low sediment load
PW335	30 Mar 2020	21	50,171	7.39	29.1	-56.8	-	
PW335	15 Jul 2020	13.5	40,653	7.19	6.94	253.1	-	QC104/204
PW335	22 Sep 2020	17.7	55,023	7.65	1.23	-	-	Clear, no odour
PW335	14 Dec 2020	21.9	52,709	7.48	0.53	-	-	Clear, no odour
PW335	15 Mar 2021	20.3	53,257	7.48	2.09	-	-	Clear
PW335	08 Jun 2021	14.6	53,928	7.58	0.69	-	-	Clear, no odour
PW335	30 Aug 2021	15.8	52,830	7.8	3.57	-148.6	-	Clear
PW335	10 Jan 2022	22	52,616	7.82	1.48	-	-	Clear
PW335	14 Mar 2022	23	54,374	8.06	4.15	60.5	-	Clear
PW335	07 Jun 2022	14.4	54,988	7.58	2.01	-46.9	-	Clear
PW335	05 Sep 2022	15.9	44,876	7.54	0.91	-119.5	-	Clear
PW335	12 Dec 2022	20.5	48,299	7.64	0.77	-292.4	-	Clear, no odour
PW335	13 Mar 2023	22.8	33,435	6.93	1.27	-154.3	-	Hydrogen sulfide smell
PW335	07 Jun 2023	15.3	48,516	7.68	5.67	-	-	Clear
PW335	05 Sep 2023	15.3	48,516	7.68	5.67	-	-	Clear
PW335	14 Dec 2023	22.2	57,446	7.66	0.74	-	-	Clear
PW335	11 Mar 2024	20.7	64,770	7.42	0.1	-	-	Clear
PW335	29 May 2024	15.2	50,894	7.74	3.88	-76.9	-	
PW335	14 Mar 2025	24.9	42,781	7.42	4.07	54.7	27,808	pale yellow, clear, no odour, low turbidity, moderate sediment load, organic matter present
PW335	13 Jun 2025	16.3	52,693	7.32	13.28	-454.4	34,244	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW340	18 Dec 2024	24.9	56,800	7.62	1.92	-154.2	36,984	
PW340	14 Mar 2025	26.4	39,690	7.59	3.76	75.7	25,798	pale yellow, clear, no odour, low turbidity, moderate sediment load, organic matter present
PW340	13 Jun 2025	16.5	53,724	7.57	10.8	-420	34,918	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW340	09 Sep 2025	13.6	49,717	7.71	0.41	-32	32,405	No sheen, little odour, clear, low sediment load
PW340	30 Mar 2020	20.5	42,669	7.3	1.76	-61	-	
PW340	15 Jul 2020	13.9	42,386	7.54	5.92	179.8	-	Clear
PW340	22 Sep 2020	18.8	56,070	7.81	1.04	-	-	Clear, no odour
PW340	14 Dec 2020	20.8	56,509	7.5	0.27	-	-	Clear, no odour
PW340	15 Mar 2021	21.1	62,031	7.51	1.59	-	-	
PW340	08 Jun 2021	14.5	52,583	7.98	1.3	-	-	Clear, no odour
PW340	30 Aug 2021	15.9	51,746	7.72	1.91	-145.1	-	
PW340	10 Jan 2022	22.5	52,319	7.87	1.47	-	-	Clear
PW340	14 Mar 2022	25.8	58,496	7.58	0.67	-117.9	-	Clear
PW340	07 Jun 2022	14.8	55,300	7.52	1.36	-86.6	-	Clear
PW340	05 Sep 2022	15.2	25,584	7.66	1.96	-156.3	-	Clear
PW340	12 Dec 2022	22.8	54,245	7.51	0.67	-300.1	-	Clear, no odour
PW340	13 Mar 2023	24.1	58,274	6.69	0.08	-327.7	-	Hydrogen sulfide odour, Very turbid, lots of seaweed

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW340	07 Jun 2023	15	48,214	7.7	1.64	-	-	Clear
PW340	05 Sep 2023	15	48,214	7.7	1.64	-	-	Clear
PW340	11 Dec 2023	25.1	58,710	7.53	1.02	-	-	Clear
PW340	11 Mar 2024	22.4	64,338	7.53	1.16	-	-	Clear
PW340	29 May 2024	16.8	46,755	7.67	4.58	-110.5	-	
PW340	14 Mar 2025	26.4	39,690	7.59	3.76	75.7	25,798	pale yellow, clear, no odour, low turbidity, moderate sediment load, organic matter present
PW340	13 Jun 2025	16.5	53,724	7.57	10.8	-420	34,918	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW341	18 Dec 2024	24.6	56,020	7.64	1.83	-119.3	36,474	
PW341	14 Mar 2025	26.8	34,049	7.46	4.51	78.5	22,132	colourless, clear, no odour, low turbidity, low sediment load, organic matter present
PW341	13 Jun 2025	16.2	53,161	7.54	8.63	-435.7	34,553	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW341	09 Sep 2025	13.8	51,662	7.69	0.18	-29.1	33,250	Colourless, sulfuric odour, no turbidity, no sheen
PW341	08 Jan 2020	23.1	57,353	7.64	5.02	135.6	-	
PW341	31 Mar 2020	20.6	50,171	7.39	29.1	-56.8	-	
PW341	15 Jul 2020	14.2	41,354	7.24	5.35	-50	-	Clear
PW341	22 Sep 2020	19.2	56,627	7.91	1.82	-	-	QC115/215
PW341	14 Dec 2020	21.7	56,361	6.99	0.85	-	-	Clear, no odour
PW341	15 Mar 2021	21.7	53,674	7.55	1.35	-	-	Clear,Cloudy
PW341	08 Jun 2021	13.9	54,796	7.92	1.46	-	-	Clear, no odour
PW341	30 Aug 2021	16	50,897	7.76	2.42	-175.3	-	Clear
PW341	10 Jan 2022	22.3	56,536	7.81	0.55	-	-	Clear
PW341	14 Mar 2022	26.4	59,392	7.68	1.16	-169.4	-	Clear
PW341	07 Jun 2022	14.7	54,044	7.59	1.47	-	-	
PW341	05 Sep 2022	18.6	48,981	7.79	0.93	-205.7	-	Clear
PW341	12 Dec 2022	22.5	52,021	7.63	0.29	-287.9	-	Clear, no odour
PW341	13 Mar 2023	26.5	53,937	7.26	3	-91.3	-	Clear, no odour
PW341	07 Jun 2023	15.7	47,646	7.77	4.87	-	-	Clear
PW341	05 Sep 2023	15.7	47,646	7.77	4.87	-	-	Clear
PW341	11 Dec 2023	25	58,720	7.55	1.02	-	-	Clear
PW341	11 Mar 2024	26.2	59,968	7.76	0.95	-	-	Clear
PW341	29 May 2024	14.8	51,079	7.72	3.57	-42	-	
PW341	14 Mar 2025	26.8	34,049	7.46	4.51	78.5	22,132	colourless, clear, no odour, low turbidity, low sediment load, organic matter present
PW341	13 Jun 2025	16.2	53,161	7.54	8.63	-435.7	34,553	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW345	17 Dec 2024	25	63,008	7.34	0.6	-174.3	40,972	
PW345	13 Mar 2025	26	14,004	7.35	2.11	96.2	9,089	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW345	13 Jun 2025	16.7	54,600	7.38	8.46	-387	35,487	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW345	12 Sep 2025	15	51,663	7.52	1.15	-134.4	33,653	Low sediment load, no turbidity, no sheen, no colour, no odour
PW345	31 Mar 2020	21	42,669	7.3	1.76	-61	-	
PW345	24 Sep 2020	18.5	57,105	7.35	0.75	-	-	Clear, no odour
PW345	15 Dec 2020	24.5	60,970	6.93	0.56	-	-	Clear, no odour
PW345	16 Mar 2021	25.7	53,528	7.08	1.31	-	-	Clear
PW345	09 Jun 2021	15.6	51,954	7.98	6.59	-	-	Clear, no odour
PW345	01 Sep 2021	15.7	41,671	6.99	1.34	-214.3	-	Clear,Brown
PW345	10 Jan 2022	24.7	58,841	7.08	0.31	-	-	Clear
PW345	14 Mar 2022	25.7	59,113	7.48	0.92	-42	-	Clear
PW345	07 Jun 2022	14.2	44,314	7.72	12.53	89.6	-	
PW345	05 Sep 2022	17.8	41,294	7.89	5.16	86.6	-	
PW345	13 Dec 2022	18.7	49,006	7.59	0.8	-252.9	-	Clear, no odour
PW345	14 Mar 2023	23.4	64,413	7.44	0.81	-88.9	-	Clear, no odour
PW345	07 Jun 2023	15.5	48,591	7.66	4.96	-	-	Cloudy
PW345	05 Sep 2023	15.5	48,591	7.66	4.96	-	-	Cloudy
PW345	13 Dec 2023	22.7	63,070	7.05	1.32	-	-	Cloudy
PW345	13 Mar 2024	23.3	55,023	6.98	0.39	-	-	Clear
PW345	29 May 2024	14.4	45,007	7.7	6.89	101.5	-	
PW345	13 Mar 2025	26	14,004	7.35	2.11	96.2	9,089	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW345	13 Jun 2025	16.7	54,600	7.38	8.46	-387	35,487	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW346	17 Dec 2024	27.7	31,298	7.4	0.81	-203.7	20,366	
PW346	13 Mar 2025	25.3	38,559	7.06	0.88	-158.8	25,062	cloudy, brown, strong sulphidic odour, high turbidity, moderate sediment load
PW346	13 Jun 2025	18.9	16,653	7.34	6.66	-329.5	10,803	clear, colourless, no turbidity, no sediment, no sheen, salty odour
PW346	12 Sep 2025	17.5	10,486	7.59	2	-69.7	6,823	Low sediment load, no sheen, no turbidity, colourless
PW346	08 Jan 2020	24.6	20,522	7.36	48.3	-262	-	
PW346	01 Apr 2020	23.9	55,889	7.74	4.82	-410.8	-	
PW346	15 Jul 2020	16	20,001	8.14	4.27	76.8	-	Clear
PW346	22 Sep 2020	20.8	30,121	7.5	1.84	-	-	Clear, no odour
PW346	15 Dec 2020	23.3	18,731	7.61	0.3	-	-	Clear, no odour
PW346	17 Mar 2021	30.5	46,731	6.96	0.37	-	-	Cloudy
PW346	10 Jun 2021	19.3	51,243	8.13	0.83	-	-	Lots of seaweed
PW346	30 Aug 2021	17.1	50,379	7.65	2.81	-194.7	-	
PW346	12 Jan 2022	25.1	50,919	7.46	0.63	-	-	Clear
PW346	08 Jun 2022	15.4	-	7.5	0.05	14.1	-	Brown
PW346	06 Sep 2022	14.2	42,328	7.31	2.98	9.9	-	Clear
PW346	12 Dec 2022	28.8	59,176	8.05	5.5	-60.7	-	Clear, no odour
PW346	14 Mar 2023	26.8	60,160	6.57	0.1	-348.3	-	Clear, no odour
PW346	13 Dec 2023	26.6	7,042	7.95	0.87	-	-	Clear
PW346	12 Mar 2024	20.8	51,515	7.16	0.73	-	-	Clear
PW346	28 May 2024	18.2	35,888	7.6	3.96	3.5	-	
PW346	13 Mar 2025	25.3	38,559	7.06	0.88	-158.8	25,062	cloudy, brown, strong sulphidic odour, high turbidity, moderate sediment load
PW346	13 Jun 2025	18.9	16,653	7.34	6.66	-329.5	10,803	clear, colourless, no turbidity, no sediment, no sheen, salty odour
PW350	12 Mar 2025	24.2	55,419	7.96	3.52	121.5	36,036	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW350	09 Jun 2025	20.3	55,743	8.05	7.98	-86.4	36,258	cloudy, high turbidity, high sediment load, no sheen, no odour
PW350	11 Sep 2025	17	53,081	7.99	4.42	56.2	34,511	Odourless, colourless, low sediment load, no turbidity
PW350	21 Jul 2020	16.5	18,303	-	6.8	23.1	-	Clear
PW350	23 Sep 2020	17.5	56,574	8.12	6.23	-	-	Clear, no odour
PW350	16 Dec 2020	22.5	57,539	7.62	1.52	-	-	labelled PW330 in CoC
PW350	17 Mar 2021	23.8	58,595	7.53	3.87	-	-	Clear
PW350	08 Jun 2021	19.1	55,302	8.06	4.05	-	-	Clear, no odour
PW350	30 Aug 2021	17.2	52,311	8.05	6	86.1	-	Clear
PW350	11 Jan 2022	25.2	55,250	7.89	3.21	-	-	Clear
PW350	14 Mar 2022	26	56,464	7.92	4.62	67	-	Clear
PW350	07 Jun 2022	17.8	48,194	7.88	13.69	8.6	-	
PW350	07 Sep 2022	15.2	47,882	8.11	6.71	116.2	-	
PW350	12 Dec 2022	23.5	57,304	7.84	1.85	49.6	-	Clear, no odour
PW350	07 Jun 2023	18	54,119	8.01	4.12	-	-	Clear
PW350	05 Sep 2023	18	54,119	8.01	4.12	-	-	Clear
PW350	14 Dec 2023	22.7	28,940	7.87	3.72	-	-	Clear
PW350	11 Mar 2024	20.9	55,116	7.14	5.31	-	-	Clear
PW350	27 May 2024	18	54,119	8.01	4.12	74.3	-	
PW350	12 Mar 2025	24.2	55,419	7.96	3.52	121.5	36,036	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW350	09 Jun 2025	20.3	55,743	8.05	7.98	-86.4	36,258	cloudy, high turbidity, high sediment load, no sheen, no odour
PW351	19 Dec 2024	23	53,142	7.67	172	118.3	31,729	No colour, no odour, no sediment, no sheen
PW351	12 Mar 2025	23.8	55,677	7.96	3.33	99.8	36,200	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW351	09 Jun 2025	20.5	54,924	8.13	10.64	-88.5	35,742	clear, slightly cloudy, medium turbidity, high sediment, no sheen, no odour
PW351	11 Sep 2025	17.81	52,980	7.96	5.94	-131.5	34,453	No sheen, colourless, clear, low sediment load, odourless
PW351	02 Apr 2020	22.7	56,049	8.08	9.25	152.7	-	
PW351	21 Jul 2020	17	18,736	-	83.53	19	-	Clear
PW351	24 Sep 2020	17.6	56,307	8.28	6.66	-	-	Clear, no odour
PW351	16 Dec 2020	23.5	55,060	7.91	4.1	-	-	Clear, no odour
PW351	17 Mar 2021	23.4	56,494	7.7	3.19	-	-	Clear
PW351	08 Jun 2021	17.8	54,474	8.1	5.19	-	-	Clear, no odour
PW351	30 Aug 2021	17.1	52,547	8.12	5.94	66.8	-	Clear
PW351	11 Jan 2022	23.7	55,615	8.04	2.74	-	-	Clear

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW351	14 Mar 2022	26.9	56,513	7.84	3.26	61.9	-	Clear
PW351	07 Jun 2022	17.4	47,550	7.92	8.56	42.2	-	
PW351	07 Sep 2022	15.8	28,328	8.15	7.5	110.2	-	
PW351	12 Dec 2022	22.6	57,357	8	1.11	43.4	-	Clear, no odour
PW351	16 Mar 2023	23	55,097	8.01	5.22	78.8	-	Clear, no odour
PW351	07 Jun 2023	18.5	53,941	8.07	4.91	-	-	Clear
PW351	05 Sep 2023	18.5	53,941	8.07	4.91	-	-	Clear
PW351	14 Dec 2023	23.7	54,685	7.89	2.71	-	-	Clear
PW351	11 Mar 2024	22.4	54,949	8.06	5.56	-	-	Clear
PW351	27 May 2024	18.5	53,941	8.07	4.91	86.2	-	
PW351	12 Mar 2025	23.8	55,677	7.96	3.33	99.8	36,200	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW351	09 Jun 2025	20.5	54,924	8.13	10.64	-88.5	35,742	clear, slightly cloudy, medium turbidity, high sediment, no sheen, no odour
PW352	19 Dec 2024	22.4	53,891	7.79	7.81	99.3	32,145	No colour, no odour, no sediment, no sheen
PW352	12 Mar 2025	24.3	55,622	7.95	4.99	84.4	0	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW352	09 Jun 2025	21.4	55,578	8.16	7.94	-80.4	36,135	cloudy white, moderate turbidity, some sediment, no sheen, no odour
PW352	11 Sep 2025	16.7	52,858	8.05	6.45	51	34,410	Colourless, clear, low sediment load, no sheen
PW352	02 Apr 2020	22.6	52,997	8.08	4.93	148.2	-	
PW352	21 Jul 2020	17.3	18,624	-	7.11	10.7	-	Clear
PW352	24 Sep 2020	18.1	56,425	8.16	5.48	-	-	Clear, no odour
PW352	16 Dec 2020	21.3	54,903	7.39	5	-	-	Clear, no odour
PW352	17 Mar 2021	24	56,595	7.91	4.34	-	-	Clear
PW352	08 Jun 2021	16.9	54,512	8.09	5.76	-	-	Clear, no odour
PW352	30 Aug 2021	18.4	52,492	8.12	5.42	98.3	-	Clear
PW352	11 Jan 2022	23.2	56,068	8.08	2.4	-	-	Clear
PW352	14 Mar 2022	25.9	31,412	7.95	4.06	61.8	-	Clear
PW352	07 Jun 2022	17.4	47,701	7.83	5.09	-77.8	-	
PW352	07 Sep 2022	17.6	46,413	8.16	7.85	108.7	-	
PW352	12 Dec 2022	23	56,950	8.01	2.63	44.8	-	Clear, no odour
PW352	16 Mar 2023	25.1	55,813	7.97	4.54	79.2	-	Clear, no odour
PW352	07 Jun 2023	18.2	53,471	8.05	4.1	-	-	Clear
PW352	05 Sep 2023	18.2	53,471	8.05	4.1	-	-	Clear
PW352	14 Dec 2023	22.6	54,565	7.87	1.16	-	-	Clear
PW352	11 Mar 2024	22	54,305	7.99	4.8	-	-	Clear
PW352	27 May 2024	18.2	53,471	8.05	4.1	74.2	-	
PW352	12 Mar 2025	24.3	55,622	7.95	4.99	84.4	0	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW352	09 Jun 2025	21.4	55,578	8.16	7.94	-80.4	36,135	cloudy white, moderate turbidity, some sediment, no sheen, no odour
PW356	14 Jan 2025	24.1	57,739	7.31	1.35	-134.4	37,531	Clear, colourless, no odour, no sheen
PW356	14 Mar 2025	24.3	57,947	7.49	3.23	94.6	37,608	colourless, clear, no odour, low turbidity, low sediment load, organic matter present
PW356	11 Jun 2025	18.4	53,691	9.72	13.5	-365.6	34,923	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW356	09 Jan 2020	23.5	60,462	6.86	6.05	-259.1	-	
PW356	30 Mar 2020	21.3	61,435	6.82	1.42	-389.9	-	Pore water - 500mm deep hole
PW356	20 Jul 2020	15.8	18,666	-	5.3	15	-	Pw at 0.3m
PW356	23 Sep 2020	17.5	55,640	7.55	1	-	-	Clear, no odour
PW356	14 Dec 2020	20.5	54,535	7.37	1.08	-	-	Clear, no odour
PW356	16 Mar 2021	24.4	58,190	7.43	2.52	-	-	Clear
PW356	08 Jun 2021	15.3	55,052	7.79	1.43	-	-	Clear, no odour
PW356	30 Aug 2021	15.9	52,187	7.8	2.82	-68.1	-	
PW356	10 Jan 2022	23.5	61,565	7.57	0.82	-	-	Clear
PW356	15 Mar 2022	24.9	58,725	7.42	1.44	70.8	-	Clear
PW356	08 Jun 2022	14.7	54,998	7.48	3.63	-18.2	-	Cloudy
PW356	05 Sep 2022	15.8	54,010	8.08	5.42	58.8	-	Clear
PW356	12 Dec 2022	21.8	55,773	7.53	0.9	-233.5	-	Clear, no odour
PW356	15 Mar 2023	22.1	46,165	6.35	1.24	-232	-	Clear, no odour
PW356	07 Jun 2023	21.8	53,470	7.34	2.08	-	-	Clear
PW356	11 Sep 2023	21.8	53,470	7.34	2.08	-	-	Clear

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW356	19 Dec 2023	24.2	63,906	7.51	0.93	-	-	Clear
PW356	11 Mar 2024	22.6	56,450	7.66	0.6	-	-	Clear
PW356	28 May 2024	19.5	51,660	7.78	7.46	30.1	-	
PW356	14 Mar 2025	24.3	57,947	7.49	3.23	94.6	37,608	colourless, clear, no odour, low turbidity, low sediment load, organic matter present
PW356	11 Jun 2025	18.4	53,691	9.72	13.5	-365.6	34,923	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW357	14 Jan 2025	25.5	58,087	7.62	0.47	-99.9	37,738	Clear, colourless, no odour, no sheen
PW357	14 Mar 2025	25.4	63,354	7.45	3.39	87.9	41,152	colourless, clear, no odour, low turbidity, low sediment load
PW357	11 Jun 2025	19.2	53,671	8.45	12.26	-292.9	34,896	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW357	09 Jan 2020	23.8	64,613	7.53	6.51	121.8	-	
PW357	30 Mar 2020	22.4	54,056	7.13	3.24	-416.7	-	Porewater sample
PW357	20 Jul 2020	14.6	18,404	-	6.87	16.2	-	0.3 to base of hole
PW357	23 Sep 2020	17.7	56,372	7.87	2.73	-	-	Clear, no odour
PW357	14 Dec 2020	21.2	54,899	7.67	1.44	-	-	Clear, no odour
PW357	16 Mar 2021	24.6	58,069	7.64	0.67	-	-	Clear
PW357	08 Jun 2021	15.6	54,595	7.71	1.85	-	-	Clear, no odour
PW357	30 Aug 2021	15.5	52,365	7.88	2.09	40.3	-	
PW357	10 Jan 2022	23.5	60,931	7.62	0.71	-	-	Clear
PW357	15 Mar 2022	26.3	58,198	7.68	1.05	52.3	-	Clear
PW357	08 Jun 2022	14.5	55,126	7.32	0.75	-280.9	-	Cloudy
PW357	05 Sep 2022	16.6	55,272	7.74	0.7	-111.8	-	Clear
PW357	12 Dec 2022	22.1	56,962	7.56	0.89	-214.5	-	Clear, no odour
PW357	15 Mar 2023	25.1	52,087	7.04	3.03	-25.9	-	Clear, no odour
PW357	07 Jun 2023	16.3	52,530	7.76	4.81	-	-	Clear
PW357	11 Sep 2023	16.3	52,530	7.76	4.81	-	-	Clear
PW357	19 Dec 2023	22.6	59,463	7.56	1.07	-	-	Clear
PW357	11 Mar 2024	25.4	56,625	7.7	0.55	-	-	Cloudy,Black
PW357	28 May 2024	20.2	53,647	7.93	6.73	41.6	-	
PW357	14 Mar 2025	25.4	63,354	7.45	3.39	87.9	41,152	colourless, clear, no odour, low turbidity, low sediment load
PW357	11 Jun 2025	19.2	53,671	8.45	12.26	-292.9	34,896	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW358	14 Jan 2025	24.8	58,044	7.99	0.77	-101.5	37,770	Clear, colourless, no odour, no sheen
PW358	14 Mar 2025	25.5	56,570	7.55	2.19	91.5	36,763	pale yellow, clear, no odour, low turbidity, low sediment load
PW358	11 Jun 2025	19	53,785	8.28	13.23	-266.6	34,960	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW358	09 Jan 2020	24.4	58,439	7.63	4.28	-94	-	
PW358	30 Mar 2020	22.1	58,689	6.93	1.97	-418.7	-	
PW358	20 Jul 2020	14.6	18,115	-	7.01	14.9	-	
PW358	23 Sep 2020	15.5	45,541	7.82	3.88	-	-	Clear, no odour
PW358	14 Dec 2020	23.6	54,471	7.63	1.45	-	-	Clear, no odour
PW358	16 Mar 2021	23.2	57,869	7.71	1.33	-	-	Clear
PW358	08 Jun 2021	14.6	56,302	7.86	2.68	-	-	Clear, no odour
PW358	30 Aug 2021	16.1	52,348	7.86	2.28	3.7	-	Clear
PW358	10 Jan 2022	24.1	62,130	7.68	0.55	-	-	Clear
PW358	15 Mar 2022	26.9	56,858	7.55	0.65	-172.6	-	Clear
PW358	08 Jun 2022	16.5	54,480	7.6	4.43	-8.1	-	Clear
PW358	05 Sep 2022	15.9	55,426	7.38	1.12	-193.4	-	Clear
PW358	12 Dec 2022	23.9	58,987	7.65	1.11	-270	-	Clear, no odour
PW358	15 Mar 2023	24.2	51,274	7	2.97	-60.5	-	Clear, no odour
PW358	07 Jun 2023	19.6	52,294	7.78	4.37	-	-	Clear
PW358	11 Sep 2023	19.6	52,294	7.78	4.37	-	-	Clear
PW358	19 Dec 2023	23.1	58,657	7.6	2.19	-	-	Clear
PW358	11 Mar 2024	23.9	56,798	7.76	1.08	-	-	Clear
PW358	28 May 2024	20.8	54,064	7.96	6.81	49.1	-	
PW358	14 Mar 2025	25.5	56,570	7.55	2.19	91.5	36,763	pale yellow, clear, no odour, low turbidity, low sediment load
PW358	11 Jun 2025	19	53,785	8.28	13.23	-266.6	34,960	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW362	18 Dec 2024	24.7	55,869	7.55	1.65	-182.6	36,344	
PW362	14 Mar 2025	26.3	41,666	7.58	4.24	79.7	27,083	colourless, clear, no odour, low turbidity, moderate sediment load, organic matter present

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW362	13 Jun 2025	16.6	52,744	7.47	7.74	-421.9	34,285	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW362	09 Sep 2025	14.3	52,125	7.73	1.33	-27.6	33,880	Odourless, low sediment load, no sheen, no turbidity, clear
PW362	31 Mar 2020	23.5	61,435	6.82	1.42	-389.9	-	
PW362	15 Jul 2020	14.5	43,408	7.61	4.22	178.3	-	Clear
PW362	22 Sep 2020	18.7	56,809	7.87	1.88	-	-	Clear, no odour
PW362	14 Dec 2020	22.6	57,404	7.43	0.61	-	-	Clear, no odour
PW362	15 Mar 2021	23.9	57,350	7.51	0.72	-	-	Clear
PW362	08 Jun 2021	14.6	53,285	8.04	0.96	-	-	Clear, no odour
PW362	30 Aug 2021	15.8	52,304	7.81	1.92	-148	-	
PW362	10 Jan 2022	22.7	58,489	7.67	1.05	-	-	Clear
PW362	14 Mar 2022	27.4	60,526	7.64	1.4	-40.7	-	Clear
PW362	07 Jun 2022	14.4	54,642	7.52	1.34	-108.3	-	Cloudy
PW362	05 Sep 2022	18.9	48,174	7.64	1.42	-90.3	-	Clear
PW362	12 Dec 2022	23.2	49,892	7.55	0.54	-297.9	-	Clear, no odour
PW362	13 Mar 2023	25	60,043	6.69	0.73	-178.2	-	Hydrogen sulfide odour, Turbid, lots of seaweed
PW362	07 Jun 2023	14.9	48,227	7.7	1.7	-	-	Clear
PW362	05 Sep 2023	14.9	48,227	7.7	1.7	-	-	Clear
PW362	11 Dec 2023	23.6	58,838	7.72	1.47	-	-	Clear
PW362	11 Mar 2024	24.4	61,366	7.98	3.33	-	-	Clear
PW362	29 May 2024	16.3	51,038	7.68	4.94	-108.7	-	
PW362	14 Mar 2025	26.3	41,666	7.58	4.24	79.7	27,083	colourless, clear, no odour, low turbidity, moderate sediment load, organic matter present
PW362	13 Jun 2025	16.6	52,744	7.47	7.74	-421.9	34,285	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW363	18 Dec 2024	24.6	56,046	7.64	2.12	-90.3	36,512	
PW363	14 Mar 2025	25.9	33,879	7.37	4.11	79	22,021	colourless, clear, no odour, low turbidity, low sediment load
PW363	13 Jun 2025	17.1	54,083	7.51	12	-446.2	35,141	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW363	09 Sep 2025	14.8	50,590	7.7	0.5	-75.2	32,945	Colourless, odourless, low sediment load, no sheen
PW363	08 Jan 2020	23.8	69,188	7.11	3.05	-129	-	
PW363	31 Mar 2020	21.5	54,056	7.13	3.24	-416.7	-	
PW363	15 Jul 2020	13.9	41,182	7.48	2.81	-92.7	-	Clear
PW363	22 Sep 2020	19.9	55,586	7.91	1.38	-	-	Clear, no odour
PW363	14 Dec 2020	21.3	24,009	7.55	4.51	-	-	Clear, no odour
PW363	15 Mar 2021	21.4	52,385	7.5	1.37	-	-	Clear
PW363	08 Jun 2021	14.3	54,079	7.8	1.26	-	-	Clear, no odour
PW363	30 Aug 2021	15.7	50,818	7.76	1.71	-159.3	-	Clear
PW363	10 Jan 2022	21.5	56,876	7.77	0.77	-	-	Clear
PW363	14 Mar 2022	25.9	58,150	7.56	0.68	-121.3	-	Clear
PW363	07 Jun 2022	14.5	54,361	7.9	5.41	-42	-	Clear
PW363	05 Sep 2022	17.7	47,879	7.8	1.15	-259.7	-	Clear
PW363	12 Dec 2022	22.4	52,027	7.67	0.38	-311	-	Clear, no odour
PW363	13 Mar 2023	24.8	58,173	6.83	0.97	-230.7	-	Clear, no odour
PW363	07 Jun 2023	16.2	52,841	7.95	4.55	-	-	Clear
PW363	05 Sep 2023	16.2	52,841	7.95	4.55	-	-	Clear
PW363	11 Dec 2023	25.1	59,625	7.81	3.54	-	-	Clear
PW363	11 Mar 2024	23.5	62,119	7.89	2.39	-	-	Clear
PW363	29 May 2024	14.9	51,007	7.72	3.49	-46.7	-	
PW363	14 Mar 2025	25.9	33,879	7.37	4.11	79	22,021	colourless, clear, no odour, low turbidity, low sediment load
PW363	13 Jun 2025	17.1	54,083	7.51	12	-446.2	35,141	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW364	18 Dec 2024	25.7	57,122	7.61	1.86	-132.7	37,158	
PW364	14 Mar 2025	25.6	45,434	7.5	3.47	74.3	29,532	pale yellow, clear, no odour, low turbidity, moderate sediment load, organic matter present
PW364	13 Jun 2025	16.6	54,183	7.54	10.98	-413.6	35,218	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW364	09 Sep 2025	13.7	50,250	7.75	0.54	-7	32,668	Colourless, odourless, clear, no sheen, low sediment load
PW364	30 Mar 2020	21.5	43,880	7.36	2.65	67.5	-	
PW364	15 Jul 2020	13.5	41,952	6.84	10.07	284.3	-	Clear
PW364	22 Sep 2020	18	56,579	7.73	1.69	-	-	Clear, no odour
PW364	14 Dec 2020	21.9	52,723	7.71	1.33	-	-	Clear, no odour

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW364	15 Mar 2021	21.6	58,261	7.49	38.3	-	-	Clear
PW364	08 Jun 2021	14.1	54,349	7.77	1.15	-	-	Clear, no odour
PW364	30 Aug 2021	15.7	51,760	7.71	1.99	-152.6	-	Clear
PW364	10 Jan 2022	22.4	52,437	7.8	1.2	-	-	Clear
PW364	14 Mar 2022	25.7	58,055	7.67	0.74	-117.8	-	Clear
PW364	07 Jun 2022	14.6	54,787	7.83	2.54	2.1	-	Clear
PW364	05 Sep 2022	16.1	44,920	7.49	0.8	-32	-	Clear
PW364	12 Dec 2022	21.2	52,093	7.55	0.75	-291.7	-	Clear, no odour
PW364	13 Mar 2023	23.9	45,869	6.86	0.83	-76.5	-	Hydrogen sulfide
PW364	07 Jun 2023	15.8	52,452	7.8	2.32	-	-	Cloudy
PW364	05 Sep 2023	15.8	52,452	7.8	2.32	-	-	Cloudy
PW364	11 Dec 2023	23.7	57,845	7.69	0.86	-	-	Clear
PW364	11 Mar 2024	22.7	65,187	7.5	1.26	-	-	Clear
PW364	29 May 2024	14.6	51,294	7.7	6.68	-21.1	-	
PW364	14 Mar 2025	25.6	45,434	7.5	3.47	74.3	29,532	pale yellow, clear, no odour, low turbidity, moderate sediment load, organic matter present
PW364	13 Jun 2025	16.6	54,183	7.54	10.98	-413.6	35,218	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW367	17 Dec 2024	26.1	55,261	7.51	0.89	-225.1	35,941	
PW367	13 Mar 2025	26.6	7,711	7.49	2.68	73.3	5,018	cloudy, pale orange, slight organic odour (salty), low to moderate turbidity, low sediment load
PW367	12 Sep 2025	16.4	47,593	7.05	3.9	-227	30,916	Low sediment load, no turbidity, no sheen, no colour , no odour
PW367	08 Jan 2020	23.4	41,500	6.84	3.24	-340.3	-	
PW367	31 Mar 2020	20.3	58,689	6.93	1.97	-418.7	-	
PW367	15 Jul 2020	14.6	43,502	7.62	7.22	-26	-	Clear
PW367	22 Sep 2020	19	57,337	7.66	1.17	-	-	Clear, no odour
PW367	15 Dec 2020	26.1	55,209	7.16	0.56	-	-	Clear, no odour
PW367	15 Mar 2021	22.2	59,018	7.24	0.26	-	-	Clear
PW367	09 Jun 2021	15.3	54,591	8.05	4.66	-	-	Clear, no odour
PW367	01 Sep 2021	16.7	49,987	7.46	2.17	9.9	-	
PW367	11 Jan 2022	26.8	60,793	7.02	0.19	-	-	Clear,Brown, slight sulfur odour
PW367	14 Mar 2022	25.2	58,624	7.23	0.92	-45.2	-	Clear
PW367	07 Jun 2022	14.5	41,275	7.53	15.21	-41.2	-	
PW367	05 Sep 2022	19.7	45,001	7.9	5.16	72.7	-	Clear
PW367	13 Dec 2022	19.5	39,928	7.35	0.47	-268.4	-	Clear, no odour
PW367	14 Mar 2023	23.8	59,585	7.33	0.68	31.6	-	Clear, no odour
PW367	07 Jun 2023	15.9	38,086	7.3	4.92	-	-	Cloudy,Brown
PW367	05 Sep 2023	15.9	38,086	7.3	4.92	-	-	Cloudy,Brown
PW367	13 Dec 2023	23.1	59,222	6.89	0.69	-	-	Cloudy, seaweed odour
PW367	13 Mar 2024	23	53,694	7.69	3.88	-	-	Clear
PW367	29 May 2024	14.6	44,793	7.66	6.35	100.7	-	
PW367	13 Mar 2025	26.6	7,711	7.49	2.68	73.3	5,018	cloudy, pale orange, slight organic odour (salty), low to moderate turbidity, low sediment load
PW368	17 Dec 2024	24.8	50,455	7.17	0.63	-214	32,814	
PW368	13 Mar 2025	27.7	1,229	7.52	1.33	37	799	very pale grey, slight organic odour (salty), low to moderate turbidity, moderate sediment load
PW368	13 Jun 2025	15.9	39,098	7.45	7.45	-346.6	25,359	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW368	12 Sep 2025	17.7	31,919	7.49	1.94	-53.3	20,757	Low sediment load, no sheen, no colour, odourless
PW368	08 Jan 2020	22.7	41,833	7.65	1.9	-110.7	-	
PW368	01 Apr 2020	19.5	52,861	7.07	8.09	-385.6	-	
PW368	20 Jul 2020	16.3	17,792	-	4.51	0.8	-	Clear
PW368	22 Sep 2020	18.5	39,335	7.64	0.72	-	-	Clear, no odour
PW368	15 Dec 2020	23.6	47,485	7.44	2.04	-	-	Labelled SW368 in CoC
PW368	15 Mar 2021	23.9	57,703	7.65	0.69	-	-	Clear
PW368	10 Jun 2021	19.4	39,536	8	5.95	-	-	Clear, no odour
PW368	01 Sep 2021	16.6	51,073	7.46	5.05	91.8	-	
PW368	11 Jan 2022	24.6	28,474	7.75	1.02	-	-	Clear,Brown, slight sulfur odour
PW368	08 Jun 2022	15.4	-	7.48	0.01	153	-	Clear
PW368	05 Sep 2022	20.7	44,515	7.51	0.38	-327.3	-	Clear
PW368	12 Dec 2022	26	42,158	7.37	0.31	-308.7	-	Clear, no odour

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW368	13 Mar 2023	25.2	60,951	6.33	0.49	-370.8	-	Strong hydrogen sulfide smell, brown water
PW368	13 Dec 2023	26.7	61,798	7.14	0.14	-	-	Clear
PW368	12 Mar 2024	23.3	60,884	7.34	0.34	-	-	Clear
PW368	29 May 2024	17.8	49,983	7.62	5.26	61	-	
PW368	13 Mar 2025	27.7	1,229	7.52	1.33	37	799	very pale grey, slight organic odour (salty), low to moderate turbidity, moderate sediment load
PW368	13 Jun 2025	15.9	39,098	7.45	7.45	-346.6	25,359	clear, colourless, no turbidity, no sediment, no sheen, saltwater odour
PW369	17 Dec 2024	24.8	55,559	7.56	1.13	-167.8	36,186	
PW369	13 Mar 2025	25.1	12,567	7.45	2.51	99.8	8,201	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW369	13 Jun 2025	18.3	20,572	7.13	7.12	-368.2	13,369	clear, pale yellow/brown colour, no turbidity, no sediment, no sheen, saltwater odour
PW369	12 Sep 2025	15.4	52,430	7.8	1.52	-222.5	33,828	Low sediment load, no sheen, no colour, no odour, no turbidity
PW369	31 Mar 2020	22.1	43,880	7.36	2.65	67.5	-	
PW369	15 Jul 2020	14.8	43,326	7.5	7.73	4.1	-	Clear
PW369	24 Sep 2020	19.1	56,648	7.47	8.17	-	-	Clear, no odour
PW369	15 Dec 2020	24.2	56,933	7.44	0.65	-	-	Clear, no odour
PW369	16 Mar 2021	23.6	57,841	7.38	0.77	-	-	Clear
PW369	09 Jun 2021	16.1	53,760	8.08	5.59	-	-	Lots of seaweed on beach
PW369	01 Sep 2021	16.5	24,706	6.82	6.38	-100.5	-	Brown,Clear
PW369	10 Jan 2022	24.3	57,939	7.49	1.13	-	-	Clear
PW369	14 Mar 2022	25.9	58,077	7.46	0.72	-152.3	-	Clear
PW369	07 Jun 2022	12.9	40,112	7.59	15.64	63.8	-	
PW369	05 Sep 2022	17.4	41,771	7.77	6.07	92.6	-	
PW369	13 Dec 2022	19.2	55,563	7.36	0.41	-310.4	-	Clear, no odour
PW369	14 Mar 2023	22.3	69,257	7.34	1.07	-68.2	-	Clear, no odour
PW369	07 Jun 2023	15.4	48,690	7.66	5.46	-	-	Cloudy
PW369	05 Sep 2023	15.4	48,690	7.66	5.46	-	-	Cloudy
PW369	13 Dec 2023	23.8	45,264	4.61	0.75	-	-	Cloudy
PW369	13 Mar 2024	23	53,701	7.1	2.57	-	-	Clear
PW369	29 May 2024	16.4	53,426	7.86	6.74	107.5	-	
PW369	13 Mar 2025	25.1	12,567	7.45	2.51	99.8	8,201	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW369	13 Jun 2025	18.3	20,572	7.13	7.12	-368.2	13,369	clear, pale yellow/brown colour, no turbidity, no sediment, no sheen, saltwater odour
PW374	17 Dec 2024	25	53,200	7.41	1.28	152.4	34,555	no colour, no odour, no sediment, no sheen
PW374	10 Mar 2025	22.9	55,365	7.76	4.65	113.6	35,937	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW374	12 Jun 2025	16.3	54,071	7.6	10.96	-460.9	35,148	clear, colourless, low turbidity, no sediment, no sheen, saltwater odour
PW374	16 Sep 2025	16.2	48,370	7.75	5.72	48,381	31,448	Colourless, no turbidity, low sediment load, no odour
PW374	08 Jan 2020	23.2	35,007	7.7	25.94	-87.8	-	
PW374	30 Mar 2020	22.2	24,093	8.26	7.01	-26.7	-	
PW374	21 Jul 2020	15.7	44,268	8.2	6.61	7.1	-	Clear
PW374	21 Sep 2020	16.7	57,017	7.87	3.73	-	-	QC103/QC203
PW374	14 Dec 2020	22.3	57,881	7.86	3.67	-	-	Clear, no odour
PW374	15 Mar 2021	25.3	58,314	7.97	3.51	-	-	Clear
PW374	10 Jun 2021	17.4	53,469	8.53	3.83	-	-	Clear, no odour
PW374	01 Sep 2021	15.9	52,210	8	5.73	-142.9	-	Clear
PW374	13 Jan 2022	24.8	55,449	7.96	1.29	-	-	Clear
PW374	16 Mar 2022	25	57,201	7.9	3.31	1.5	-	Clear
PW374	09 Jun 2022	17.4	53,260	7.99	4.55	14.2	-	Clear
PW374	06 Sep 2022	16.9	46,041	7.86	3.58	-9.8	-	Clear
PW374	13 Dec 2022	20.8	52,204	7.96	8.82	5	-	Clear, no odour
PW374	14 Mar 2023	26.6	54,052	7.28	3.67	-69.5	-	Clear, no odour
PW374	06 Jun 2023	13.7	54,879	7.94	5.18	-	-	Clear
PW374	04 Sep 2023	13.7	54,879	7.94	5.18	-	-	Clear
PW374	12 Dec 2023	26.2	55,699	7.55	2.61	-	-	Clear
PW374	11 Mar 2024	25.1	55,357	7.82	3.99	-	-	Clear
PW374	28 May 2024	19.1	24,361	7.67	5.93	25.5	-	
PW374	10 Mar 2025	22.9	55,365	7.76	4.65	113.6	35,937	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW374	12 Jun 2025	16.3	54,071	7.6	10.96	-460.9	35,148	clear, colourless, low turbidity, no sediment, no sheen, saltwater odour

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW375	17 Dec 2024	27.1	47,533	7.68	0.59	174.3	31,186	hole approxi ately5m from shoreline
PW375	10 Mar 2025	25.2	10,266	7.46	2.66	96	6,673	pale brown, slight organic odour (salty), low to moderate turbidity, low sediment load
PW375	12 Jun 2025	16.4	53,452	7.62	13.14	-461.9	34,803	clear, no sediment, no turbidity, salty odour, no sheen
PW375	16 Sep 2025	16.4	33,765	7.79	5.96	-81.2	33,757	Low sediment load, clear, no sheen, no turbidity
PW375	08 Jan 2020	22	42,272	79.1	12.59	-36.4	-	
PW375	30 Mar 2020	21.7	51,183	8.16	5.61	-12.4	-	
PW375	21 Jul 2020	14.7	43,714	8.02	6.09	9.9	-	Clear
PW375	21 Sep 2020	16.5	56,952	8.01	3.55	-	-	Clear, no odour
PW375	14 Dec 2020	24	55,851	7.78	2.31	-	-	Clear, no odour
PW375	15 Mar 2021	23.9	57,606	8	3.34	-	-	Clear
PW375	10 Jun 2021	17.5	53,567	8.68	3.89	-	-	Clear, no odour
PW375	01 Sep 2021	15.8	52,402	7.94	5.27	-142.9	-	Clear
PW375	13 Jan 2022	24.6	52,821	7.95	1.58	-	-	Clear
PW375	16 Mar 2022	23.4	44,720	7.94	4.99	37.3	-	Clear
PW375	09 Jun 2022	17.3	53,245	8.04	3.69	12.9	-	Clear
PW375	06 Sep 2022	17.1	43,774	7.7	3.52	26.8	-	Clear
PW375	13 Dec 2022	20.3	50,997	7.82	2.97	16.1	-	Clear, no odour
PW375	14 Mar 2023	27.4	33,806	7.24	4.8	-88.5	-	Clear, no odour
PW375	06 Jun 2023	14	53,458	7.81	5.35	-	-	Clear
PW375	04 Sep 2023	14	53,458	7.81	5.35	-	-	Clear
PW375	12 Dec 2023	25.8	55,670	7.43	3.4	-	-	Clear
PW375	11 Mar 2024	24.1	55,537	7.92	3.77	-	-	Clear
PW375	28 May 2024	19.4	24,465	7.65	6.13	72.5	-	
PW375	10 Mar 2025	25.2	10,266	7.46	2.66	96	6,673	pale brown, slight organic odour (salty), low to moderate turbidity, low sediment load
PW375	12 Jun 2025	16.4	53,452	7.62	13.14	-461.9	34,803	clear, no sediment, no turbidity, salty odour, no sheen
PW378	17 Dec 2024	25.1	53,680	7.66	1.07	147.2	-	Tried 3 holes, this is the 3rd hole aprox 4m from shoreline,can not go futher back from shore due to rocks
PW378	10 Mar 2025	23.2	21,429	7.29	25.4	105.1	13,929	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW378	12 Jun 2025	16.7	53,825	7.73	13.66	-445.5	34,998	clear, salty odour, no sheen, no sediment, no turbidity
PW378	16 Sep 2025	17.5	50,936	7.8	5.48	-76.5	33,901	Clear, low sediment load, no sheen, odourless, no turbidity
PW378	08 Jan 2020	22.3	47,074	7.9	4.87	-63.6	-	
PW378	30 Mar 2020	22	51,079	8.23	5.99	-19.8	-	
PW378	21 Jul 2020	16.1	43,398	7.95	4.95	4.8	-	Clear
PW378	21 Sep 2020	15.4	56,705	7.97	4.6	-	-	Clear, no odour
PW378	14 Dec 2020	24.8	54,510	7.76	1.41	-	-	Clear, no odour
PW378	15 Mar 2021	23.5	57,464	7.93	2.54	-	-	Clear
PW378	10 Jun 2021	18.2	53,363	8.44	3.57	-	-	Clear, no odour
PW378	01 Sep 2021	16	52,460	7.95	5.75	-153.8	-	Clear
PW378	13 Jan 2022	26.2	55,543	7.83	1.95	-	-	Clear
PW378	16 Mar 2022	24.1	49,057	7.94	5.05	45.4	-	Clear
PW378	09 Jun 2022	16.9	53,317	7.96	5.43	20.3	-	Clear
PW378	06 Sep 2022	17.3	46,871	7.72	3.4	13.4	-	Clear
PW378	13 Dec 2022	20.1	49,884	7.65	3.5	-8.9	-	Clear, no odour
PW378	14 Mar 2023	28.7	25,742	7.32	5.46	-121.4	-	Clear, no odour
PW378	06 Jun 2023	13.7	53,916	7.81	4.51	-	-	Clear
PW378	04 Sep 2023	13.7	53,916	7.81	4.51	-	-	Clear
PW378	12 Dec 2023	26.7	56,477	7.77	5.34	-	-	Clear
PW378	11 Mar 2024	24	56,272	7.86	4.11	-	-	Clear
PW378	28 May 2024	19.2	25,368	7.82	5.05	78.2	-	
PW378	10 Mar 2025	23.2	21,429	7.29	25.4	105.1	13,929	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW378	12 Jun 2025	16.7	53,825	7.73	13.66	-445.5	34,998	clear, salty odour, no sheen, no sediment, no turbidity
PW380	19 Dec 2024	22.8	53,670	7.66	1.99	71.3	34,761	sample taken 4m from from shoreline
PW380	09 Jun 2025	18.7	50,938	7.97	13.68	-59.2	33,551	cloudy, high turbidity, high seddiment, no sheen, no odour
PW380	11 Sep 2025	17.5	53,282	8.03	6.28	39.7	35,609	Clear, odourless, low sediment load, no sheen, no turbidity
PW380	12 Mar 2025	25.2	55,576	7.82	4.58	96.9	36,128	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW380	02 Apr 2020	22.7	56,049	8.1	9.25	152.7	-	

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW380	02 Apr 2020	22.7	56,049	8.1	9.25	152.7	-	
PW380	21 Jul 2020	16.4	18,484	-	5.27	7.3	-	Clear
PW380	24 Sep 2020	17.1	56,307	8.28	6.66	-	-	Clear, no odour
PW380	16 Dec 2020	23.4	55,051	7.93	4.6	-	-	Clear, no odour
PW380	17 Mar 2021	24.2	59,060	7.76	4.34	-	-	Clear
PW380	08 Jun 2021	18.5	54,758	8	4.75	-	-	Clear, no odour
PW380	30 Aug 2021	17.3	52,878	8.11	5.43	67.3	-	Clear
PW380	11 Jan 2022	24.8	56,023	8.01	2.77	-	-	Clear
PW380	14 Mar 2022	25.6	56,359	7.93	3.16	64.5	-	Clear
PW380	07 Jun 2022	15.9	46,611	7.89	12.07	37.6	-	
PW380	07 Sep 2022	15.7	46,559	8.15	8.48	111.2	-	
PW380	12 Dec 2022	22.3	56,528	7.9	0.94	45	-	Clear, no odour
PW380	16 Mar 2023	24.1	56,621	7.84	5.12	75.9	-	Clear, no odour
PW380	07 Jun 2023	18.2	53,419	7.84	3.59	-	-	Clear
PW380	05 Sep 2023	18.2	53,419	7.84	3.59	-	-	Clear
PW380	14 Dec 2023	23	54,969	7.86	2.2	-	-	Clear
PW380	11 Mar 2024	20.7	54,912	8.05	6.01	-	-	Clear
PW380	27 May 2024	18.2	53,419	7.84	3.59	-103.1	-	
PW380	09 Jun 2025	18.7	50,938	7.97	13.68	-59.2	33,551	cloudy, high turbidity, high seddiment, no sheen, no odour
PW380	12 Mar 2025	25.2	55,576	7.82	4.58	96.9	36,128	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW381	19 Dec 2024	23.7	54,208	7.78	1.45	119.7	34,712	no colour, no odour, no sediment, no sheen
PW381	09 Jun 2025	21.1	54,777	8.15	9.32	-84.2	35,688	clear, slightly cloudy, medium turbidity, high sediment, no sheen, faint saltwater odour
PW381	11 Sep 2025	17.3	52,857	8.02	5.4	41	34,504	Colourless, low sediment load, odourless
PW381	02 Apr 2020	23.1	3,425	7.93	6.61	143.1	-	
PW381	02 Apr 2020	23.1	3,425	7.93	6.61	140.3	-	
PW381	02 Apr 2020	22.5	53,296	8.08	3.81	143.1	-	
PW381	02 Apr 2020	23.1	3,425	7.93	6.61	140.3	-	
PW381	21 Jul 2020	17.7	18,712	-	4.43	11.3	-	Clear
PW381	24 Sep 2020	17.5	56,340	8.29	6.43	-	-	Clear, no odour
PW381	16 Dec 2020	22.6	56,056	7.92	3.35	-	-	Clear, no odour
PW381	17 Mar 2021	24	56,218	7.85	3.59	-	-	Clear
PW381	08 Jun 2021	17.8	54,811	8.19	4.69	-	-	Clear, no odour
PW381	30 Aug 2021	17.4	52,556	8.14	5.78	63	-	Clear
PW381	11 Jan 2022	23.1	56,267	8.09	3.33	-	-	Clear
PW381	14 Mar 2022	25.8	56,688	7.96	3.62	60.7	-	Clear
PW381	07 Jun 2022	17.6	48,013	7.95	6.31	52.4	-	
PW381	07 Sep 2022	15.4	53,813	8.16	7.99	109.1	-	
PW381	12 Dec 2022	24	57,014	8.15	4.49	44	-	Clear, no odour
PW381	16 Mar 2023	23.6	55,097	8	5.27	78.8	-	Clear, no odour
PW381	07 Jun 2023	18.4	53,945	8.02	4.08	-	-	Clear
PW381	05 Sep 2023	18.4	53,945	8.02	4.08	-	-	Clear
PW381	14 Dec 2023	23.3	54,571	7.8	1.69	-	-	Clear
PW381	11 Mar 2024	22	55,233	8.06	4.99	-	-	Clear
PW381	27 May 2024	18.4	53,945	8.02	4.08	84.2	-	
PW381	09 Jun 2025	21.1	54,777	8.15	9.32	-84.2	35,688	clear, slightly cloudy, medium turbidity, high sediment, no sheen, faint saltwater odour
PW401	19 Dec 2024	22.1	54,144	7.7	2.3	138.6	35,216	sample taken 4m from from shoreline
PW401	12 Mar 2025	24.3	55,654	7.88	3.74	107.3	36,182	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW401	09 Jun 2025	20.7	54,555	8.11	10.23	-50.2	35,436	clear, no turbidity, salty odour, no sheen
PW401	11 Sep 2025	16.8	52,428	8.03	5.95	51.4	34,127	No sheen, colourless, clear, low sediment load, odourless
PW401	02 Apr 2020	22.3	55,612	8.3	5.02	162	-	
PW401	02 Apr 2020	22.3	55,612	8.3	5.02	162	-	
PW401	02 Apr 2020	22.3	55,612	8.3	5.02	162	-	
PW401	02 Apr 2020	22.3	55,612	8.3	5.02	162	-	
PW401	02 Apr 2020	22.3	55,612	8.3	5.02	162	-	
PW401	21 Jul 2020	17.2	18,593	-	6.01	14.6	-	Clear

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW401	23 Sep 2020	17	56,484	8.21	6.52	-	-	Clear, no odour
PW401	16 Dec 2020	22.5	56,682	7.45	3.3	-	-	Clear, no odour
PW401	17 Mar 2021	24	53,025	7.76	4.41	-	-	Clear
PW401	08 Jun 2021	18.2	54,562	7.28	5.21	-	-	Clear, no odour
PW401	30 Aug 2021	17.3	52,291	8.1	6.31	67.9	-	Clear
PW401	11 Jan 2022	23.9	56,084	7.99	2.43	-	-	Clear
PW401	14 Mar 2022	25.9	56,361	7.81	3.28	64.5	-	Clear
PW401	07 Jun 2022	18.1	43,560	7.92	11.61	26.3	-	
PW401	07 Sep 2022	15.8	53,391	8.19	7.71	112.9	-	
PW401	12 Dec 2022	24.3	56,161	8.11	4.57	45.8	-	Clear, no odour
PW401	07 Jun 2023	17.9	54,022	8	4.5	-	-	Clear
PW401	05 Sep 2023	17.9	54,022	8	4.5	-	-	Clear
PW401	14 Dec 2023	23	54,809	7.85	1.89	-	-	Clear
PW401	11 Mar 2024	21.4	55,092	7.46	5.18	-	-	Clear
PW401	27 May 2024	17.9	54,022	8	4.5	82.7	-	
PW401	12 Mar 2025	24.3	55,654	7.88	3.74	107.3	36,182	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW401	09 Jun 2025	20.7	54,555	8.11	10.23	-50.2	35,436	clear, no turbidity, salty odour, no sheen
PW405	17 Dec 2024	25	47,770	7.28	3.78	110.2	-	sample taken fro 6m from shoreline
PW405	10 Mar 2025	24.9	15,755	7.4	1.21	61.3	10,202	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW405	16 Jun 2025	15.8	53,269	7.68	10.14	-277.1	34,622	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW405	16 Sep 2025	15	48,845	7.65	0.54	-88.6	31,666	Clear, low sediment load, no sheen, no turbidity
PW405	14 Jan 2020	26.6	63,309	7.64	2.84	-140.2	-	
PW405	01 Apr 2020	22.2	48,229	7.1	1.45	-91.9	-	
PW405	22 Jul 2020	14.8	17,134	-	6.75	26.1	-	Clear
PW405	21 Sep 2020	17.1	56,882	7.74	1.3	-	-	QC110/210
PW405	15 Dec 2020	22.1	56,353	7.61	0.58	-	-	Clear, no odour
PW405	15 Mar 2021	26.7	61,893	7.52	1.93	-	-	Clear
PW405	10 Jun 2021	19.2	14,825	7.9	5.01	-	-	Clear, no odour
PW405	31 Aug 2021	19.1	51,865	7.8	1.63	-139	-	Clear
PW405	14 Jan 2022	24.9	55,012	7.77	0.65	-	-	Clear
PW405	16 Mar 2022	25.6	59,870	7.7	2.64	44.4	-	Clear
PW405	07 Jun 2022	13.4	-	7.83	2.37	53.6	-	Brown,Clear
PW405	07 Sep 2022	12.6	52,883	7.89	6.43	123	-	
PW405	13 Dec 2022	20.3	67,797	7.73	1.52	-212.9	-	Clear, no odour
PW405	14 Mar 2023	28.1	54,952	7.25	2.96	-28.7	-	Clear, no odour
PW405	08 Jun 2023	15.3	52,170	7.85	4.06	-	-	Clear
PW405	05 Sep 2023	15.3	52,170	7.85	4.06	-	-	Clear
PW405	11 Dec 2023	25.1	57,260	7.53	1.01	-	-	Clear
PW405	12 Mar 2024	22.8	54,461	7.52	3.04	-	-	Clear
PW405	28 May 2024	17.7	49,997	7.97	5.29	73.9	-	
PW405	10 Mar 2025	24.9	15,755	7.4	1.21	61.3	10,202	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW405	16 Jun 2025	15.8	53,269	7.68	10.14	-277.1	34,622	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW407	17 Dec 2024	29.7	54,550	7.62	4.33	114.7	35,443	no colour, no odour, no sediment, no sheen
PW407	10 Mar 2025	25.1	54,522	7.52	2.03	120.6	35,408	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW407	16 Jun 2025	17.2	53,852	7.82	-	-263	34,974	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW407	16 Sep 2025	15	43,890	7.71	2.47	-69.3	28,444	Clear, low sediment load, no sheen no odour
PW407	14 Jan 2020	26.2	59,344	7.62	4.62	-124.9	-	
PW407	01 Apr 2020	26.2	21,748	7.63	1.05	-30.3	-	
PW407	22 Jul 2020	14.4	17,196	-	5.87	18.9	-	Clear
PW407	21 Sep 2020	18.3	57,061	7.87	1.41	-	-	Clear, no odour
PW407	15 Dec 2020	24.3	58,616	7.55	0.46	-	-	Clear, no odour
PW407	15 Mar 2021	25.8	56,611	7.88	4.61	-	-	Clear
PW407	10 Jun 2021	18.8	25,729	7.94	5.41	-	-	Clear, no odour
PW407	31 Aug 2021	18.6	52,860	7.81	1.16	-136.7	-	Clear
PW407	14 Jan 2022	24.9	55,551	7.73	0.78	-	-	Clear

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW407	16 Mar 2022	25.6	57,626	7.8	2.12	13.9	-	Clear
PW407	07 Jun 2022	14.8	-	7.67	2.05	27.1	-	Clear
PW407	07 Sep 2022	14.4	43,012	7.74	3.59	26.8	-	Clear
PW407	13 Dec 2022	20.6	66,734	7.57	1.16	-19.9	-	Clear, no odour
PW407	14 Mar 2023	27.3	50,321	7	3.02	-58.3	-	Clear, no odour
PW407	08 Jun 2023	15.3	51,770	7.84	4.22	-	-	Clear
PW407	05 Sep 2023	15.3	51,770	7.84	4.22	-	-	Clear
PW407	11 Dec 2023	24.5	59,916	7.43	0.8	-	-	Clear
PW407	12 Mar 2024	23.1	41,297	7.56	3.3	-	-	Clear
PW407	28 May 2024	17.3	49,547	7.97	4	82.1	-	
PW407	10 Mar 2025	25.1	54,522	7.52	2.03	120.6	35,408	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW407	16 Jun 2025	17.2	53,852	7.82	-	-263	34,974	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW409	17 Dec 2024	28.3	5,530	7.53	1.24	143.2	35,840	sample taken 4m from from shoreline
PW409	10 Mar 2025	27	44,789	7.39	2.35	98.9	29,080	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW409	16 Jun 2025	16.5	52,604	7.55	12.58	-308.1	34,184	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW409	16 Sep 2025	15.8	52,662	7.69	0.54	-127.8	33,998	Clear, low sediment load, no turbidity, no sheen
PW409	14 Jan 2020	28	34,189	7.47	3.44	-199	-	
PW409	01 Apr 2020	23.7	53,391	7.33	1.15	-8.7	-	
PW409	21 Jul 2020	14	41,000	7.81	6.32	14.1	-	Clear
PW409	22 Sep 2020	17.7	56,086	7.8	1.18	-	-	QC113/213
PW409	15 Dec 2020	22.4	56,691	7.65	0.41	-	-	Clear, no odour
PW409	17 Mar 2021	30.7	59,270	7.57	3.34	-	-	Clear
PW409	10 Jun 2021	18.2	53,924	8.1	4.24	-	-	Clear, no odour
PW409	31 Aug 2021	18.9	53,167	7.81	1.58	-144.8	-	Clear
PW409	14 Jan 2022	25.2	56,703	7.82	0.7	-	-	Clear
PW409	16 Mar 2022	24.6	47,677	7.61	3.56	32.9	-	Clear
PW409	07 Jun 2022	14.3	-	7.84	4.14	47.2	-	Clear
PW409	06 Sep 2022	17.4	46,427	7.58	1.53	-119.8	-	Clear
PW409	13 Dec 2022	19.2	50,946	7.56	0.61	-230.5	-	Clear, no odour
PW409	14 Mar 2023	26.1	33,119	6.77	3.86	-14	-	Clear, no odour
PW409	08 Jun 2023	15.1	19,386	7.79	5.59	-	-	Cloudy
PW409	04 Sep 2023	15.1	19,386	7.79	5.59	-	-	Cloudy
PW409	11 Dec 2023	25.6	63,877	7.48	0.49	-	-	Clear
PW409	12 Mar 2024	22.5	56,515	7.58	2.06	-	-	Clear
PW409	28 May 2024	18.5	50,047	7.91	4.58	-24.4	-	
PW409	10 Mar 2025	27	44,789	7.39	2.35	98.9	29,080	clear, colourless, slight organic odour (salty), no turbidity, low sediment load
PW409	16 Jun 2025	16.5	52,604	7.55	12.58	-308.1	34,184	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW411	18 Dec 2024	24.4	53,543	7.47	1.48	120.1	34,939	
PW411	11 Mar 2025	25.8	54,781	7.76	3.87	95.6	35,572	clear, colourless, slightly organic salty odour
PW411	16 Jun 2025	17.1	54,012	7.58	12.46	-290.7	35,103	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW411	10 Sep 2025	14.7	52,715	7.78	2.78	-180.3	34,257	Colourless, no odour, low sediment load, no sheen
PW411	14 Jan 2020	26.2	58,636	7.61	5.19	-80.7	-	
PW411	01 Apr 2020	21.7	33,361	7.41	2	-121.3	-	
PW411	21 Jul 2020	14.5	22,957	8.03	7.73	39.1	-	Clear
PW411	22 Sep 2020	18	56,881	7.82	1.1	-	-	Clear, no odour
PW411	15 Dec 2020	23.6	56,869	7.73	0.85	-	-	Clear, no odour
PW411	18 Mar 2021	25.5	57,559	7.6	3.71	-	-	Clear
PW411	09 Jun 2021	14.8	54,743	7.85	4.07	-	-	Clear, no odour
PW411	01 Sep 2021	15.9	52,558	7.83	5.81	-154.2	-	Clear
PW411	14 Jan 2022	24.9	55,690	7.85	1.49	-	-	Clear
PW411	16 Mar 2022	25.2	58,040	7.79	2.45	45.1	-	Clear
PW411	07 Jun 2022	15	-	7.9	4.03	84.2	-	Clear
PW411	06 Sep 2022	16.9	41,241	7.79	5.58	-1.9	-	
PW411	14 Dec 2022	22.6	55,245	7.6	1.37	-85.6	-	Clear, no odour
PW411	15 Mar 2023	25.3	57,239	7.47	3.46	84.9	-	Clear, no odour

		Field						
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW411	08 Jun 2023	17.5	52,476	7.88	6.51	-	-	Clear
PW411	04 Sep 2023	17.5	52,476	7.88	6.51	-	-	Clear
PW411	13 Dec 2023	26.8	55,572	8.07	4.58	-	-	Clear
PW411	12 Mar 2024	23.2	56,340	7.29	3.7	-	-	Cloudy,Black
PW411	28 May 2024	17.5	52,476	7.88	6.51	83.4	-	
PW411	11 Mar 2025	25.8	54,781	7.76	3.87	95.6	35,572	clear, colourless, slightly organic salty odour
PW411	16 Jun 2025	17.1	54,012	7.58	12.46	-290.7	35,103	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW413	18 Dec 2024	24.3	54,043	7.38	4.07	59.6	35,114	sample taken 4m from from shoreline
PW413	11 Mar 2025	26.1	55,716	7.76	3.41	96.3	36,212	clear, colourless, slightly organic salty odour
PW413	16 Jun 2025	17	54,885	7.52	12.69	-302.5	35,667	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW413	10 Sep 2025	14.9	52,847	7.75	0.92	-173.5	34,348	No colour, clear, no sediment load, no sheen
PW413	14 Jan 2020	26.7	32,515	7.6	4.48	-157.2	-	
PW413	01 Apr 2020	22.8	31,446	7.42	1.45	-13.4	-	
PW413	21 Jul 2020	13.8	43,485	7.36	6.07	45.9	-	Clear
PW413	22 Sep 2020	19	57,590	7.86	3.35	-	-	Clear, no odour
PW413	15 Dec 2020	22.9	56,487	7.7	0.44	-	-	Clear, no odour
PW413	18 Mar 2021	24.1	59,350	7.67	3.31	-	-	Clear
PW413	09 Jun 2021	15.1	54,691	7.77	4.56	-	-	Clear, no odour
PW413	01 Sep 2021	16.1	5,103	8.03	6.09	104.6	-	
PW413	14 Jan 2022	25	58,987	7.86	1.9	-	-	Clear
PW413	16 Mar 2022	25	57,594	7.79	2.74	39.2	-	Clear
PW413	07 Jun 2022	14.8	-	7.89	4.46	64.8	-	Clear
PW413	06 Sep 2022	16.5	41,255	7.74	3.44	11.6	-	
PW413	14 Dec 2022	24.5	57,293	7.73	1.4	-178	-	Clear, no odour
PW413	15 Mar 2023	25.1	57,113	7.72	3.9	82.3	-	Clear, no odour
PW413	08 Jun 2023	17.5	52,509	7.87	5.13	-	-	Clear
PW413	04 Sep 2023	17.5	52,509	7.87	5.13	-	-	Clear
PW413	13 Dec 2023	26.6	55,848	7.58	1.74	-	-	Clear
PW413	12 Mar 2024	22.6	55,973	7.53	4.99	-	-	Cloudy,Brown
PW413	28 May 2024	17.5	52,509	7.87	5.13	83.9	-	
PW413	11 Mar 2025	26.1	55,716	7.76	3.41	96.3	36,212	clear, colourless, slightly organic salty odour
PW413	16 Jun 2025	17	54,885	7.52	12.69	-302.5	35,667	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW415	16 Jun 2025	17.9	54,058	7.4	14.11	-319	35,137	clear, colourless, low turbidity, low sediment, no sheen, salty odour
PW415	10 Sep 2025	14.5	52,707	7.71	1.73	-177.5	34,353	No odour, low sediment load, no sheen, no turbidity
PW415	18 Dec 2024	24.6	53,811	7.44	4.66	117.6	34,977	sample taken 4m from from shoreline
PW415	11 Mar 2025	27.8	55,847	8.17	3.35	89.4	36,304	clear, colourless, slightly organic salty odour
PW415	14 Jan 2020	27.9	30,883	7.73	5.51	-70.8	-	
PW415	01 Apr 2020	23.7	18,013	7.36	2.07	-18.1	-	
PW415	21 Jul 2020	15.1	22,268	8.03	7.21	45.2	-	Clear
PW415	22 Sep 2020	19.3	57,521	7.86	1.56	-	-	Clear, no odour
PW415	15 Dec 2020	23.7	57,175	7.66	0.99	-	-	Clear, no odour
PW415	18 Mar 2021	24.9	39,900	7.86	3.78	-	-	Clear
PW415	09 Jun 2021	15.1	54,827	7.83	5.52	-	-	Clear, no odour
PW415	01 Sep 2021	16.6	52,152	7.98	6.27	87.4	-	
PW415	14 Jan 2022	25.2	57,414	7.94	1.64	-	-	Clear
PW415	16 Mar 2022	25.8	48,341	7.71	3.37	9.5	-	Clear
PW415	07 Jun 2022	15.3	-	7.93	4.12	68.1	-	Clear
PW415	06 Sep 2022	17.1	41,952	7.76	3.1	24.8	-	
PW415	14 Dec 2022	23.7	52,641	7.64	0.91	-60.9	-	Clear, no odour
PW415	15 Mar 2023	25.3	57,115	7.85	4	79.3	-	Clear, no odour
PW415	08 Jun 2023	17.6	52,447	7.6	4.71	-	-	Clear
PW415	04 Sep 2023	17.6	52,447	7.6	4.71	-	-	Clear
PW415	13 Dec 2023	26.6	55,031	7.69	3.54	-	-	Clear
PW415	12 Mar 2024	23.2	56,076	7.61	4.43	-	-	Clear
PW415	28 May 2024	17.6	52,447	7.6	4.71	84.4	-	

				Field				
		Temperature (Field)	Electrical conductivity (field)	pH (Field)	Dissolved Oxygen (Field)	Redox (Field)	TDS (Field)	
		°C	µS/cm	pH units	mg/L	mV	mg/L	
EQL		0.1	0.1	0.01	0.01	0.01	1	
Location Code	**Date**							**Sample Comments**
PW415	11 Mar 2025	27.8	55,847	8.17	3.35	89.4	36,304	clear, colourless, slightly organic salty odour
PW415	16 Jun 2025	17.9	54,058	7.4	14.11	-319	35,137	clear, colourless, low turbidity, low sediment, no sheen, salty odour

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
0089_MW006	11 Oct 2019	0089_MW006_191011	Normal	-	-	-	0.03	*0.66*	-	-	-	*0.89*	-	<0.02	<0.02	-	-	<0.02	0.03	-	<0.05	<0.02	<0.02	-
	08 May 2024	0089_MW006_240508	Normal	0.04	<0.02	-	-	-	-	0.05	-	-	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	0.02	-	-	<0.02	<0.02	-
0089_MW010	12 Jan 2017	E06_MW43_170112	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-
	26 Sep 2019	0089_MW010_190926	Normal	0.002	<0.001	-	<0.001	*0.015*[#1]	0.001	-	<0.001	0.012[#1]	<0.005	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	-	-	<0.001	<0.001	-
	25 Oct 2019	0089_MW010_191025	Normal	-	-	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	16 Dec 2020	0089_MW010_201216	Normal	<0.02	-	-	<0.02	*0.02*	-	<0.02	-	-	<0.1	<0.02	-	-	-	-	<0.01	-	<0.05	<0.02	-	-
	18 Mar 2021	0089_MW010_210318	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	-	-	-	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	09 Jun 2021	0089_MW010_210609	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	31 Aug 2021	0089_MW010_210831	Normal	<0.02	<0.02	-	<0.02	*0.03*	-	-	-	*0.03*	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	11 Jan 2022	0089_MW010_220111	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	<0.02	-
	17 Mar 2022	0089_MW010_220317	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	-	-	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	-	-
	29 May 2024	0089_MW010_240529	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	-	-	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	13 Dec 2024	0089_MW010_241213	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	<0.02	-	-	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC103_241213	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.06*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	<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	<0.02	-
		0089_QC203_241213	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	*0.06*[#1]	<0.05	<0.01	<0.01	<0.05	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	*0.06*[#1]	-	-	<0.01	-	0.01	<0.01	-	<0.01	<0.01	-	-	-
	11 Mar 2025	0089_MW010_250311	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	03 Jun 2025	0089_MW010_250603	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	-	<0.01	-	<0.02	-	*0.05*	<0.1	<0.02	-	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
		0089_QC200_250603	Interlab_D	<0.01	<0.01	<0.01	<0.01	*0.01*[#1]	<0.01	<0.01	-	*0.07*[#1]	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	04 Jun 2025	0089_QC100_250603	Field_D	<0.02	<0.02	<0.02	<0.02	*0.01*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	17 Sep 2025	0089_MW010_250917	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.20*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	-	<0.02	-	*0.2*	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	<0.05
0089_MW011	25 Oct 2019	0089_MW011_191025	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
0089_MW015	08 May 2024	0089_MW015_240508	Normal	0.02	<0.02	-	0.03	*3.31*	-	0.02	<0.02	*0.46*	-	-	-	<0.02	0.06	<0.02	0.03	<0.02	-	<0.02	-	-
0089_MW044	13 Jun 2024	0089_MW044_240613	Normal	0.0086	<0.0005	-	0.0252	*4.01*	-	-	0.0106	-	-	<0.0005	<0.0005	0.173	0.203	-	-	-	<0.0078[#2]	-	<0.0005	-
		0089_QC112_240613	Field_D	0.0079	<0.0005	-	0.026	*3.7*	-	0.006	0.0088	*0.0874*	-	<0.0005	<0.0005	-	0.188	0.009	-	0.241	<0.0079[#2]	<0.0005	-	-
		0089_QC212_240613	Interlab_D	0.014	<0.001	-	0.18[#1]	-	0.003	0.011	0.015	*0.23*[#1]	0.11	-	<0.001	0.34	-	0.017	0.078[#1]	0.42	<0.001	-	<0.001	-
0089_MW045	13 Jun 2024	0089_MW045_240613	Normal	-	<0.0005	-	0.0047	*0.169*	-	0.05	-	*0.156*	-	<0.0005	<0.0005	0.0299	0.138	0.006	0.0128	-	<0.0005	-	<0.0005	-
0089_MW079	18 Sep 2025	0089_MW079_250918	Normal	0.29	<0.02	<0.02	0.49	*1.17*	0.10	0.64	-	*5.35*	<0.1	<0.02	<0.02	0.15	0.71	0.02	*0.37*	0.14	<0.05	<0.02	<0.02	<0.05
				0.29	<0.02	-	0.49	-	0.1	0.64	<0.02	-	-	<0.02	<0.02	-	-	0.02	-	0.14	<0.05	-	<0.02	-
0089_MW085	05 Jul 2023	0089_MW085_230705	Normal	-	<0.02	-	-	*0.03*	-	<0.02	-	*0.14*	-	<0.02	-	<0.02	<0.02	<0.02	-	-	-	<0.02	<0.02	-
0089_MW088	07 Jul 2023	0089_MW088_230707	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	-	-
0089_MW092	08 Nov 2019	0089_MW092_191108	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	0.02	-	<0.02	-	<0.02	0.03	-	0.02	-	-	<0.02	<0.02	-
0089_MW094	19 Nov 2021	0089_MW094_211119	Normal	0.0007	<0.0005	-	-	-	-	<0.0005	-	-	-	<0.0005	<0.0005	-	0.0006	<0.0005	<0.0005	-	<0.0005	<0.0005	<0.0005	-
0089_MW095	08 Nov 2019	0089_MW095_191108	Normal	-	-	-	-	-	-	<0.02	-	<0.02	-	-	-	0.04	0.05	<0.02	0.1	-	<0.05	<0.02	<0.02	-
	19 Nov 2021	0089_MW095_211119	Normal	0.0007	<0.0005	-	0.005	-	-	<0.0005	-	0.0042	-	<0.0005	<0.0005	0.0242	0.0582	0.0009	0.0946	0.0529	<0.0005	<0.0005	-	-
0089_MW096	19 Nov 2021	0089_MW096_211119	Normal	-	<0.0005	-	-	0.001	-	<0.0005	-	-	0.0106	<0.0005	<0.0005	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	-	-
0089_MW097	19 Nov 2021	0089_MW097_211119	Normal	<0.0005	<0.0005	-	<0.0005	0.0023	-	<0.0005	-	0.0006	<0.002	<0.0005	-	-	-	<0.0005	<0.0005	-	-	<0.0005	<0.0005	-
0089_MW100	24 Oct 2024	0089_MW100_241024	Normal	-	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	-	-	<0.02	-
		0089_QC102_241024	Field_D	<0.02	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC202_241024	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	<0.01	-	-
0089_MW101	24 Oct 2024	0089_MW101_241024	Normal	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	-	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	-
0089_MW102	24 Oct 2024	0089_MW102_241024	Normal	<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	-	-	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	-	-
0089_MW103	24 Oct 2024	0089_MW103_241024	Normal	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	-	<0.01	<0.1	-	-	<0.02	-	-	<0.01	-	<0.05	<0.02	<0.02	-
0089_MW108	30 Oct 2010	DS3-MB03	Normal	-	-	-	-	*20.3*	-	-	-	-	-	-	-	-	-	-	*0.64*	-	-	-	-	-
	22 Oct 2013	WA0001_D53_MB03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	29 Sep 2015	QC219	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*0.26*	-	-	-	-	-
		WA0001_MB03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0089_MW109	08 Mar 2017	0089_MW109_S_170803	Normal	0.21	-	-	0.41	-	-	0.42	-	-	0.077	<0.002	<0.005	0.11	-	0.001	-	0.13	<0.05	<0.01	-	-
	20 Sep 2017	0089_MW109_D_170920	Normal	0.37	<0.002	-	-	*1.8*	-	0.58	-	*14*	-	<0.002	<0.005	-	-	<0.001	-	0.26	-	-	-	-
		0089_MW109_S_170920	Normal	-	-	-	0.96	*1.3*	-	0.63	-	*13*	0.1	<0.002	<0.005	-	-	-	-	-	<0.05	<0.01	-	-
	18 Oct 2017	0089_MW109_D_171018	Normal	0.24	<0.02	-	0.88	*2.5*	-	0.47	-	-	-	<0.02	<0.05	0.2	1.6	<0.01	-	-	-	<0.1	-	-
		0089_MW109_S_171018	Normal	0.23	<0.02	-	0.85	-	-	0.46	-	*17*	0.12	<0.02	-	0.2	1.7	<0.01	*0.75*	0.26	<0.5	<0.1	<0.02	-
	16 Nov 2017	0089_MW109_D_171116	Normal	-	<0.02	-	0.46	*1.8*	-	0.43	-	-	-	-	-	-	1.7	-	-	-	-	<0.1	-	-
		0089_MW109_S_171116	Normal	-	<0.02	-	-	*1.8*	-	-	-	*16*	-	<0.02	<0.05	-	1.6	<0.01	-	-	<0.5	<0.1	<0.02	-
	06 Dec 2017	0089_MW109_D_171206	Normal	-	-	-	0.48	-	-	0.37	-	*15*	-	<0.002	<0.005	-	1.3	-	*0.53*	-	<0.05	<0.01	<0.002	-
		0089_MW109_S_171206	Normal	-	<0.002	-	-	*1.3*	-	-	-	*15*	-	<0.002	<0.005	0.11	1.3	-	*0.5*	0.23	<0.05	-	-	-
	18 Jan 2018	0089_MW109_D_180118	Normal	0.21	<0.002	-	0.71	-	-	0.56	-	*15*	-	<0.002	<0.005	0.21	1.5	-	*0.54*	0.19	<0.05	-	-	-
		0089_MW109_S_180118	Normal	-	<0.002	-	0.68	-	-	-	-	-	-	<0.002	<0.005	0.21	1.6	<0.001	-	0.19	<0.05	-	<0.002	-
	16 Dec 2019	0089_MW109_191216	Normal	0.29	-	-	0.91	-	-	0.58	-	*10.5*	0.4	-	<0.02	0.2	1.63	<0.02	*0.55*	0.3	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW109_200330	Normal	-	<0.02	-	0.37	*4.75*	-	0.38	-	-	<0.1	-	-	-	-	<0.02	-	0.11	<0.05	-	<0.02	-
	15 Jul 2020	0089_MW109_200715	Normal	-	<0.02	-	0.75	-	-	0.41	-	*7.18*	-	-	<0.02	0.14	0.99	-	*0.46*	-	<0.05	<0.02	<0.02	-
		0089_QC105_200715	Field_D	0.18	<0.02	-	0.94	*8.64*	-	0.48	-	-	-	<0.02	-	0.14	1.11	<0.02	-	-	<0.05	-	-	-
		0089_QC205_200215	Interlab_D	0.12	<0.01	-	0.3[#1]	*5.5*[#1]	0.05	-	<0.01	*5.6*[#1]	0.08	-	<0.01	-	0.75	-	-	-	<0.01	<0.01	-	-
	21 Sep 2020	0089_MW109_200921	Normal	0.18	<0.02	-	-	*9.59*	-	-	-	-	0.1	-	-	0.16	1.31	<0.02	*0.63*	0.24	<0.05	<0.02	-	-
	14 Dec 2020	0089_MW109_201214	Normal	-	-	-	1.1	*10*	-	0.31	-	*8.32*	0.1	-	<0.02	-	1.31	-	*0.48*	0.22	<0.05	<0.02	-	-
		0089_QC108_201214	Field_D	0.12	-	-	1.2	*10.1*	-	0.34	-	*8.68*	0.1	<0.02	<0.02	-	1.36	<0.02	*0.67*	0.23	<0.05	<0.02	-	-
		0089_QC208_201114	Interlab_D	0.12	-	-	0.64	*11*	-	-	<0.01	*9*	-	-	<0.01	0.16	1.1	<0.01	*0.67*	-	<0.01	<0.01	<0.01	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
0089_MW006	11 Oct 2019	0089_MW006_191011	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	<0.05	-	-	<0.05	2.08	-	-	-	1.55	-
	08 May 2024	0089_MW006_240508	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	-	<0.05	0.63	-	-	-	0.48	-
0089_MW010	12 Jan 2017	E06_MW43_170112	Normal	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	26 Sep 2019	0089_MW010_190926	Normal	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	-	<0.001	<0.005	-	<0.001	0.033	0.03	-	0.015	-	0.027
	25 Oct 2019	0089_MW010_191025	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	16 Dec 2020	0089_MW010_201216	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	-	<0.05	<0.05	0.13	-	-	-	0.1	-
	18 Mar 2021	0089_MW010_210318	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.08	0.08	-	-	0.08	-
	09 Jun 2021	0089_MW010_210609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	-	-	-	0.02	-
	31 Aug 2021	0089_MW010_210831	Normal	-	<0.02	-	-	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.06	0.06	-	-	0.06	-
	11 Jan 2022	0089_MW010_220111	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	-	0.01	0.01	-	-	0.01	-
	17 Mar 2022	0089_MW010_220317	Normal	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	-	0.25	0.25	-	-	0.25	-
	29 May 2024	0089_MW010_240529	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.02	-	-	-	-
	13 Dec 2024	0089_MW010_241213	Normal	<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	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	-	-	-
		0089_QC103_241213	Field_D	<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	-
				<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.06	0.06	-	-	-	-
		0089_QC203_241213	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	0.07	<0.01	0.06	0.06
				<0.05	<0.05	-	<0.05	-	<0.05	-	-	-	<0.05	-	<0.01	<0.1	-	-	<0.01	-	-
	11 Mar 2025	0089_MW010_250311	Normal	<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	-
	03 Jun 2025	0089_MW010_250603	Normal	<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	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
		0089_QC200_250603	Interlab_D	<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	0.01	0.08	0.08
	04 Jun 2025	0089_QC100_250603	Field_D	<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	-
	17 Sep 2025	0089_MW010_250917	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	-	0.2	-	-	-	0.2	-
0089_MW011	25 Oct 2019	0089_MW011_191025	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
0089_MW015	08 May 2024	0089_MW015_240508	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	3.95	3.88	-	-	3.77	-
0089_MW044	13 Jun 2024	0089_MW044_240613	Normal	<0.001	<0.0005	<0.001	-	<0.0005	-	0.0088	-	<0.001	0.119	0.003	<0.001	5	-	-	-	4.1	-
		0089_QC112_240613	Field_D	<0.001	<0.0005	<0.001	<0.001	-	-	-	-	<0.001	0.125	0.003	-	-	4.62	-	-	-	-
		0089_QC212_240613	Interlab_D	-	<0.005	<0.005	<0.005	<0.005	-	0.015	-	-	0.26	0.008	<0.001	-	12.83	-	11.078	11.23	11.308
0089_MW045	13 Jun 2024	0089_MW045_240613	Normal	-	<0.0005	-	-	-	<0.001	0.0005	-	<0.001	0.004	-	<0.001	0.705	0.642	-	-	0.325	-
0089_MW079	18 Sep 2025	0089_MW079_250918	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	9.43	-	8.18	-	6.52	-
				<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	-	<0.05	<0.05	9.43	8.18	-	-	6.52	-
0089_MW085	05 Jul 2023	0089_MW085_230705	Normal	<0.05	<0.02	-	<0.05	-	-	-	-	-	-	<0.05	<0.05	0.19	0.19	-	-	0.17	-
0089_MW088	07 Jul 2023	0089_MW088_230707	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	-	<0.01	-	-	-	-
0089_MW092	08 Nov 2019	0089_MW092_191108	Normal	-	-	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	-	0.14	-	-	0.04	-
0089_MW094	19 Nov 2021	0089_MW094_211119	Normal	-	<0.0005	<0.001	<0.001	<0.0005	<0.001	-	-	<0.001	-	-	<0.001	0.0016	0.0016	-	-	0.0003	-
0089_MW095	08 Nov 2019	0089_MW095_191108	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	-	0.46	-	-	-	-
	19 Nov 2021	0089_MW095_211119	Normal	<0.001	<0.0005	<0.001	<0.001	-	<0.001	-	-	<0.001	-	-	<0.001	-	0.499	-	-	-	-
0089_MW096	19 Nov 2021	0089_MW096_211119	Normal	<0.001	<0.0005	-	<0.001	<0.0005	<0.001	-	-	-	<0.001	-	-	-	0.0116	-	-	-	-
0089_MW097	19 Nov 2021	0089_MW097_211119	Normal	-	<0.0005	<0.001	<0.001	<0.0005	-	<0.0005	-	<0.001	<0.001	-	<0.001	0.0029	0.0029	-	-	0.0029	-
0089_MW100	24 Oct 2024	0089_MW100_241024	Normal	-	-	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC102_241024	Field_D	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC202_241024	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	<0.01	<0.05	-	<0.01	<0.1	-	-	-	<0.01	<0.01
0089_MW101	24 Oct 2024	0089_MW101_241024	Normal	-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	<0.01	-
0089_MW102	24 Oct 2024	0089_MW102_241024	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	-	<0.05	-	-	-	-	-	-
0089_MW103	24 Oct 2024	0089_MW103_241024	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
0089_MW108	30 Oct 2010	DS3-MB03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22 Oct 2013	WA0001_D53_MB03	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
	29 Sep 2015	QC219	Field_D	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
		WA0001_MB03	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
0089_MW109	08 Mar 2017	0089_MW109_S_170803	Normal	-	-	-	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Sep 2017	0089_MW109_D_170920	Normal	-	<0.002	-	<0.005	-	-	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW109_S_170920	Normal	-	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	18 Oct 2017	0089_MW109_D_171018	Normal	<0.1	<0.02	-	<0.05	-	-	<0.1	-	-	-	<0.01	-	-	-	-	-	-	-
		0089_MW109_S_171018	Normal	<0.1	<0.02	<0.5	-	<0.02	-	-	-	-	<0.01	<0.01	-	-	-	-	-	-	-
	16 Nov 2017	0089_MW109_D_171116	Normal	-	-	-	-	-	<0.05	<0.1	-	-	<0.01	<0.01	<0.01	-	-	-	-	-	-
		0089_MW109_S_171116	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-
	06 Dec 2017	0089_MW109_D_171206	Normal	-	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-
		0089_MW109_S_171206	Normal	-	-	-	-	<0.002	<0.005	<0.01	-	<0.001	0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Jan 2018	0089_MW109_D_180118	Normal	-	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW109_S_180118	Normal	-	-	-	-	<0.002	<0.005	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
	16 Dec 2019	0089_MW109_191216	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	-	-	<0.05	-	24.3	22.8	-	-	19.5	-
	30 Mar 2020	0089_MW109_200330	Normal	-	-	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	13.8	13.1	-	-	11.4	-
	15 Jul 2020	0089_MW109_200715	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	17.2	-	-	-	14.1	-
		0089_QC105_200715	Field_D	-	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	20.9	19.4	-	-	17.3	-
		0089_QC205_200215	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	13.12	12.56	-	5.78	-	11.38
	21 Sep 2020	0089_MW109_200921	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	25.6	23.9	-	-	-	-
	14 Dec 2020	0089_MW109_201214	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	22.1	20.7	-	-	-	-
		0089_QC108_201214	Field_D	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	23	21.4	-	-	18.8	-
		0089_QC208_201114	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	23.4	22.4	-	11.67	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	16 Mar 2021	0089_MW109_210316	Normal	0.34	-	-	0.22	-	-	-	-	-	-	<0.02	-	0.06	0.62	<0.02	0.18	0.1	<0.05	<0.02	<0.02	-
	08 Jun 2021	0089_MW109_210608	Normal	0.43	-	-	1.99	-	-	0.94	-	*15.2*	-	<0.02	<0.02	0.25	3.7	<0.02	-	0.64	-	<0.02	<0.02	-
	30 Aug 2021	0089_MW109_210830	Normal	0.13	<0.02	-	-	-	-	-	-	*3.28*	<0.1	<0.02	-	0.06	0.46	<0.02	0.16	-	<0.05	<0.02	-	-
	14 Mar 2022	0089_MW109_220314	Normal	-	<0.02	-	0.42	*3.42*	-	0.68	-	*6.84*	0.1	<0.02	<0.02	0.12	-	<0.02	*0.38*	0.19	<0.05	<0.02	<0.02	-
		0089_QC106_220314	Field_D	0.21	<0.02	-	-	-	-	-	-	*5.61*	-	-	<0.02	-	-	<0.02	-	0.17	<0.05	<0.02	<0.02	-
		0089_QC206_220314	Interlab_D	0.18	<0.01	-	0.24[#1]	*3.1*[#1]	0.03	0.42[#1]	<0.01	-	0.12	-	<0.01	-	0.86[#1]	-	*0.3*[#1]	0.12	<0.01	<0.01	-	-
	07 Jun 2022	0089_MW109_220607	Normal	0.14	<0.02	-	-	*4.64*	-	-	-	-	<0.1	<0.02	<0.02	-	0.81	-	*0.29*	-	<0.05	<0.02	<0.02	-
		0089_QC107_220607	Field_D	0.15	-	-	0.5	*4.47*	-	0.35	-	-	-	-	-	0.08	0.81	<0.02	*0.28*	0.16	-	<0.02	<0.02	-
		0089_QC207_220607	Interlab_D	0.14	<0.004	-	-	-	-	-	-	-	0.085	<0.001	<0.001	0.078	-	<0.002	*0.22*	-	-	-	<0.001	-
	05 Sep 2022	0089_MW109_220905	Normal	-	<0.02	-	<0.02	-	-	-	-	*0.53*	-	-	-	-	-	<0.02	0.01	<0.02	<0.05	-	-	-
		0089_QC117_220905	Field_D	0.06	<0.02	-	<0.02	*0.09*	-	-	-	*0.53*	<0.1	<0.02	<0.02	-	0.08	<0.02	0.02	<0.02	-	<0.02	-	-
		0089_QC217_220905	Interlab_D	-	<0.01	-	0.01[#1]	-	0.01	0.09[#1]	<0.01	-	<0.05	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	-	-
	12 Dec 2022	0089_MW109_221212	Normal	-	<0.02	-	<0.02	*0.24*	-	-	-	*0.62*	-	-	<0.02	<0.02	0.07	<0.02	0.02	<0.02	<0.05	-	<0.02	-
	13 Mar 2023	0089_MW109_230313	Normal	-	-	-	0.04	-	-	0.22	-	*1.66*	0.1	<0.02	-	-	0.27	<0.02	-	-	<0.05	<0.02	<0.02	-
		0089_QC107_230313	Field_D	-	<0.02	-	0.04	*0.42*	-	0.2	-	*1.34*	0.1	-	<0.02	<0.02	-	-	0.04	0.02	<0.05	<0.02	-	-
		0089_QC207_230313	Interlab_D	0.13	<0.01	-	0.03[#1]	*0.44*[#1]	-	0.24[#1]	<0.01	*1.3*[#1]	0.13	-	<0.01	0.02[#1]	0.21	-	0.03[#1]	-	<0.01	-	-	-
	06 Jun 2023	0089_MW109_230606	Normal	-	<0.02	-	0.03	*0.4*	-	-	-	*1.73*	0.1	<0.02	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	-
	05 Sep 2023	0089_MW109_230905	Normal	0.06	<0.02	-	-	-	-	0.14	-	*2.04*	-	<0.02	-	-	0.26	<0.02	0.07	0.03	-	<0.02	-	-
	12 Dec 2023	0089_MW109_231212	Normal	0.05	-	-	<0.02	*0.12*	-	0.11	-	-	<0.1	<0.02	<0.02	-	-	<0.02	0.01	<0.02	<0.05	-	-	-
	11 Mar 2024	0089_MW109_240311	Normal	0.1	<0.02	-	<0.02	*0.09*	-	0.13	-	*0.56*	<0.1	-	<0.02	<0.02	0.08	-	<0.01	<0.02	-	<0.02	<0.02	-
	29 May 2024	0089_MW109_240529	Normal	0.13	-	-	-	*0.09*	-	0.21	-	*0.91*	-	<0.02	-	<0.02	0.12	-	0.01	-	<0.05	<0.02	<0.02	-
	16 Dec 2024	0089_MW109_241216	Normal	0.04	<0.02	<0.02	0.07	*0.74*	<0.02	0.08	-	*1.81*	<0.1	<0.02	<0.02	0.02	0.24	<0.02	0.06	0.03	<0.05	<0.02	<0.02	<0.05
				0.04	-	-	0.07	*0.74*	<0.02	-	<0.02	*1.81*	-	-	<0.02	0.02	-	<0.02	0.06	0.03	-	-	<0.02	-
	21 Mar 2025	0089_MW109_250321	Normal	0.06	<0.02	<0.02	<0.02	*0.06*	<0.02	0.12	-	*0.64*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				0.06	<0.02	-	<0.02	*0.06*	<0.02	0.12	<0.02	*0.64*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	<0.01	-	<0.05	<0.02	-	-
		0089_QC118_250321	Field_D	0.07	<0.02	<0.02	<0.02	*0.06*	<0.02	0.12	-	*0.62*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
		0089_QC218_250321	Interlab_D	0.42	<0.01	<0.01	0.03[#1]	*0.41*[#1]	0.09	0.69[#1]	-	*4.2*[#1]	0.29	<0.01	<0.01	<0.05	0.52	<0.01	0.03[#1]	<0.01	<0.01	<0.01	<0.01	-
	06 Jun 2025	0089_MW109_250606	Normal	0.10	<0.02	<0.02	0.30	*2.07*	<0.02	0.35	-	*6.51*	<0.1	<0.02	<0.02	0.08	0.77	<0.02	*0.20*	0.10	<0.05	<0.02	<0.02	<0.05
				0.1	-	-	0.3	-	-	0.35	<0.02	*6.51*	<0.1	-	-	-	-	<0.02	-	0.1	-	<0.02	<0.02	<0.05
	19 Sep 2025	0089_MW109_250919	Normal	0.05	<0.02	<0.02	<0.02	*0.02*	<0.02	0.09	-	*0.33*	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW112	30 Oct 2010	DS3-MB01	Normal	-	-	-	-	*16.4*	-	-	-	-	-	-	-	-	-	-	*5.18*	-	-	-	-	-
	22 Oct 2013	WA0001_D53_MB01	Normal	-	-	-	-	*41.5*	-	-	-	-	-	-	-	-	-	-	*1.84*	-	-	-	-	-
	26 May 2015	D53_MB01	Normal	-	-	-	-	*38.5*	-	-	-	-	-	-	-	-	-	-	*2.26*	-	-	-	-	-
	29 Sep 2015	WA0001_MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*3.02*	-	-	-	-	-
	23 Feb 2016	D53_MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*2.05*	-	-	-	-	-
	25 Oct 2016	D53_MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*2.6*[#3]	-	-	-	-	-
		QC102	Field_D	-	-	-	-	*29*[#3]	-	-	-	-	-	-	-	-	-	-	*2.6*[#3]	-	-	-	-	-
		QC202	Interlab_D	-	-	-	-	*31*[#3]	-	-	-	-	-	-	-	-	-	-	*2.2*[#3]	-	-	-	-	-
	08 Mar 2017	0089_MW112_S_170803	Normal	0.28	<0.002	-	1.5	-	-	0.79	-	*21*	-	0.003	<0.005	0.6	-	0.027	*3.1*	0.46	-	-	<0.002	-
	20 Sep 2017	0089_MW112_D_170920	Normal	0.49	-	-	-	*1.2*	-	1.1	-	*25*	0.18	0.002	<0.005	0.51	2.4	-	*3.3*	0.3	-	-	<0.002	-
		0089_MW112_S_170920	Normal	-	<0.002	-	1.9	*1.6*	-	0.55	-	*13*	0.11	0.003	<0.005	0.32	-	0.034	*1.8*	-	<0.05	-	<0.002	-
	18 Oct 2017	0089_MW112_D_171018	Normal	-	<0.02	-	2.3	*29*	-	-	-	-	0.14	-	-	0.51	-	0.028	*2.9*	0.41	<0.5	<0.1	-	-
		0089_MW112_S_171018	Normal	0.17	-	-	1.6	-	-	-	-	-	-	<0.02	<0.05	0.44	1.5	0.032	*2.2*	0.34	-	-	<0.02	-
	16 Nov 2017	0089_MW112_D_171116	Normal	0.18	<0.02	-	1.2	*21*	-	-	-	-	-	<0.02	-	-	1.8	0.02	*2.4*	0.33	-	-	<0.02	-
		0089_MW112_S_171116	Normal	0.099	<0.02	-	0.63	*27*	-	-	-	-	0.1	<0.02	-	-	1.1	-	*1.9*	0.2	<0.5	<0.1	<0.02	-
	06 Dec 2017	0089_MW112_D_171206	Normal	-	<0.02	-	-	-	-	0.41	-	*16*	0.13	<0.02	<0.05	0.4	-	0.031	-	-	-	-	<0.02	-
		0089_MW112_S_171206	Normal	-	-	-	-	*28*	-	-	-	*11*	-	<0.02	-	0.47	1.5	-	*2.1*	-	<0.5	<0.1	<0.02	-
	18 Jan 2018	0089_MW112_D_180118	Normal	0.31	<0.002	-	2.1	-	-	0.77	-	*17*	0.22	<0.002	<0.005	-	-	-	*2.3*	0.44	<0.05	<0.01	<0.002	-
		0089_MW112_S_180118	Normal	-	<0.002	-	0.9	-	-	-	-	-	0.21	<0.002	<0.005	-	-	0.039	-	0.48	-	<0.01	-	-
	08 Jan 2020	0089_MW112_200108	Normal	0.04	<0.02	-	-	-	-	0.1	-	*4.94*	-	<0.02	<0.02	0.16	-	0.04	*0.56*	0.12	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW112_200330	Normal	0.17	<0.02	-	1.7	*54.7*	-	-	-	-	0.2	<0.02	<0.02	0.51	-	-	*2.58*	0.48	-	<0.02	<0.02	-
		0089_QC102_200330	Field_D	-	<0.02	-	1.69	-	-	0.35	-	-	0.2	<0.02	-	-	2.02	-	-	-	<0.05	<0.02	<0.02	-
		0089_QC202_200330	Interlab_D	0.1	<0.01	-	0.73[#1]	*28*[#1]	-	-	0.1[#1]	*9.2*[#1]	-	<0.01	<0.01	0.38[#1]	0.98	-	*1.2*[#1]	0.28	<0.01	<0.01	<0.01	-
	15 Jul 2020	0089_MW112_200715	Normal	-	<0.02	-	-	-	-	2.12	-	*62.7*	0.2	<0.02	-	-	4.48	<0.02	*7.3*	-	<0.05	<0.02	-	-
	21 Sep 2020	0089_MW112_200921	Normal	0.17	<0.02	-	5.38	*17.5*	-	-	-	*33.7*	0.1	<0.02	-	0.43	-	-	-	0.48	-	<0.02	<0.02	-
	14 Dec 2020	0089_MW112_201214	Normal	0.14	<0.02	-	-	*16.6*	-	-	-	*32.5*	-	<0.02	<0.02	0.54	2.86	-	*3.84*	0.41	-	<0.02	<0.02	-
	16 Mar 2021	0089_MW112_210316	Normal	0.17	<0.02	-	5	*14.4*	-	-	-	-	0.2	<0.02	<0.02	-	3.59	<0.02	-	0.56	<0.05	-	-	-
		0089_QC112_210316	Field_D	0.13	<0.02	-	-	-	-	1	-	*23.4*	0.1	<0.02	<0.02	-	-	<0.02	-	0.43	<0.05	<0.02	-	-
		0089_QC212_210316	Interlab_D	-	<0.01	-	2.7[#1]	*20*[#1]	-	-	<0.01	*21*[#1]	0.17	<0.01	<0.01	-	2.1	0.03[#1]	*2.6*[#1]	0.37	-	-	<0.01	-
	08 Jun 2021	0089_MW112_210608	Normal	0.16	-	-	4.54	*26.8*	-	1.01	-	*30.4*	0.2	-	-	-	2.95	-	-	0.56	<0.05	<0.02	<0.02	-
	30 Aug 2021	0089_MW112_210830	Normal	0.08	<0.02	-	-	*31.7*	-	-	-	-	-	<0.02	<0.02	0.37	1.07	-	-	0.32	-	<0.02	<0.02	-
	10 Jan 2022	0089_MW112_220110	Normal	0.12	<0.02	-	-	*45*	-	0.53	-	*13.5*	-	-	<0.02	0.92	-	-	*0.58*	0.38	-	-	<0.02	-
	14 Mar 2022	0089_MW112_220314	Normal	-	<0.02	-	2.58	-	-	0.5	-	*12.2*	0.1	<0.02	<0.02	-	1.68	0.08	*1.67*	-	<0.05	<0.02	<0.02	-
		0089_QC105_220314	Field_D	0.1	-	-	2.43	*39.7*	-	0.34	-	-	0.1	<0.02	<0.02	0.57	1.63	0.07	-	-	<0.05	<0.02	<0.02	-
		0089_QC205_220314	Interlab_D	-	<0.01	-	-	-	-	0.23[#1]	-	*9.7*[#1]	0.1	-	-	0.41	-	-	-	0.24	<0.01	<0.01	-	-
	07 Jun 2022	0089_MW112_220607	Normal	0.02	-	-	-	*73.6*	-	0.13	-	*7.64*	<0.1	-	<0.02	-	-	0.08	-	0.12	<0.05	<0.02	-	-
		0089_QC105_220607	Field_D	-	<0.02	-	-	*80.8*	-	-	-	*8.02*	<0.1	-	-	-	0.6	0.08	*1*	0.12	-	<0.02	<0.02	-
		0089_QC205_220607	Interlab_D	0.027	<0.004	-	-	-	-	-	-	*3*	-	0.006	<0.001	0.19	0.68	0.071	*1.1*	0.098	-	-	<0.001	-
	05 Sep 2022	0089_MW112_220905	Normal	0.07	<0.02	-	0.98	*59.5*	-	-	-	-	<0.1	-	-	-	-	-	*1.4*	-	<0.05	-	-	-
	12 Dec 2022	0089_MW112_221212	Normal	0.06	<0.02	-	0.44	*45.6*	-	0.16	-	*6.72*	0.1	<0.02	-	0.22	0.84	0.03	*0.68*	0.24	<0.05	<0.02	<0.02	-
	13 Mar 2023	0089_MW112_230313	Normal	-	<0.02	-	-	-	-	0.16	-	*5.94*	0.1	-	<0.02	-	1	-	*1.72*	-	-	<0.02	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	16 Mar 2021	0089_MW109_210316	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	9.46	8.66	-	-	7.36	-
	08 Jun 2021	0089_MW109_210608	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	0.06	<0.05	-	62.4	59.4	-	-	53.2	-
	30 Aug 2021	0089_MW109_210830	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	6.23	-	-	-	-	-
	14 Mar 2022	0089_MW109_220314	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	-	13.8	12.7	-	-	-	-
		0089_QC106_220314	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	-	11.6	10.9	-	-	8.65	-
		0089_QC206_220314	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.01	-	<0.01	<0.01	10.95	10.26	-	3.4	8.6	8.9
	07 Jun 2022	0089_MW109_220607	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	10.8	-
		0089_QC107_220607	Field_D	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	12.5	11.6	-	-	-	-
		0089_QC207_220607	Interlab_D	<0.004	-	-	-	<0.004	<0.008	-	<0.002	-	0.01	<0.002	<0.004	-	7.6	-	-	-	-
	05 Sep 2022	0089_MW109_220905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	-	0.77	-	-	0.61	-
		0089_QC117_220905	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.92	0.78	-	-	0.62	-
		0089_QC217_220905	Interlab_D	<0.05	-	<0.05	<0.05	-	-	<0.05	-	<0.01	<0.05	<0.01	-	0.62	0.51	-	-	-	0.4
	12 Dec 2022	0089_MW109_221212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	1.16	-	-	-	-	-
	13 Mar 2023	0089_MW109_230313	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	2.96	2.7	-	-	2.1	-
		0089_QC107_230313	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	2.54	-	-	-	-	-
		0089_QC207_230313	Interlab_D	<0.05	-	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	-	-	-	0.47	-	1.77
	06 Jun 2023	0089_MW109_230606	Normal	-	-	<0.05	-	-	<0.05	-	-	<0.05	-	<0.05	<0.05	2.92	2.66	-	-	2.13	-
	05 Sep 2023	0089_MW109_230905	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	-	3.02	-	-	2.57	-
	12 Dec 2023	0089_MW109_231212	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	0.73	-	-	-	-	-
	11 Mar 2024	0089_MW109_240311	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	0.96	0.83	-	-	0.65	-
	29 May 2024	0089_MW109_240529	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	1.26	-	-	1	-
	16 Dec 2024	0089_MW109_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.09	-	2.94	-	2.55	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	3.09	-	-	-	-	-
	21 Mar 2025	0089_MW109_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.97	-	0.85	-	0.70	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	-	<0.05	0.97	0.85	-	-	0.7	-
		0089_QC118_250321	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.96	-	0.84	-	0.68	-
		0089_QC218_250321	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	6.68	-	5.87	0.44	4.61	4.64
	06 Jun 2025	0089_MW109_250606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	10.5	-	9.83	-	8.58	-
				<0.05	<0.02	-	-	-	<0.05	<0.02	-	-	<0.05	<0.05	-	-	9.83	-	-	-	-
	19 Sep 2025	0089_MW109_250919	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.53	-	0.44	-	0.35	-
0089_MW112	30 Oct 2010	DS3-MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22 Oct 2013	WA0001_D53_MB01	Normal	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-
	26 May 2015	D53_MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	29 Sep 2015	WA0001_MB01	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-
	23 Feb 2016	D53_MB01	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
	25 Oct 2016	D53_MB01	Normal	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
		QC102	Field_D	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
		QC202	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08 Mar 2017	0089_MW112_S_170803	Normal	-	<0.002	<0.05	<0.005	-	-	0.48	-	<0.001	-	0.004	-	-	-	-	-	-	-
	20 Sep 2017	0089_MW112_D_170920	Normal	-	<0.002	-	-	<0.002	<0.005	0.25	-	<0.001	0.069	-	-	-	-	-	-	-	-
		0089_MW112_S_170920	Normal	<0.01	<0.002	<0.05	<0.005	-	-	0.49	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	18 Oct 2017	0089_MW112_D_171018	Normal	<0.1	<0.02	<0.5	0.005	<0.02	<0.05	0.31	-	<0.01	0.086	-	<0.01	-	-	-	-	-	-
		0089_MW112_S_171018	Normal	<0.1	0.022	<0.5	0.02	-	<0.05	-	-	<0.01	-	0.01	<0.01	-	-	-	-	-	-
	16 Nov 2017	0089_MW112_D_171116	Normal	-	<0.02	<0.5	<0.05	-	-	0.4	-	-	-	-	<0.01	-	-	-	-	-	-
		0089_MW112_S_171116	Normal	<0.1	<0.02	<0.5	-	<0.02	-	0.48	-	-	-	<0.01	-	-	-	-	-	-	-
	06 Dec 2017	0089_MW112_D_171206	Normal	<0.1	-	<0.5	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-	-	-	-	-	-
		0089_MW112_S_171206	Normal	-	<0.02	<0.5	<0.05	<0.02	<0.05	-	-	<0.01	0.054	-	-	-	-	-	-	-	-
	18 Jan 2018	0089_MW112_D_180118	Normal	<0.01	-	-	-	-	-	0.27	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW112_S_180118	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	0.57	-	<0.001	0.064	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW112_200108	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	0.13	-	-	-	-	-	-	24.5	-
	30 Mar 2020	0089_MW112_200330	Normal	-	-	<0.05	<0.05	<0.02	<0.05	0.58	-	<0.05	0.17	-	<0.05	-	77.2	-	-	-	-
		0089_QC102_200330	Field_D	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	0.16	-	<0.05	79.8	77.2	-	-	71	-
		0089_QC202_200330	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	<0.05	0.27[#1]	-	-	-	<0.01	<0.01	41.75	40.39	-	29.2	-	-
	15 Jul 2020	0089_MW112_200715	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	-	-	-	-	-	83.9	-
	21 Sep 2020	0089_MW112_200921	Normal	<0.05	-	-	<0.05	<0.02	-	0.23	-	-	0.13	<0.05	<0.05	65.9	-	-	-	-	-
	14 Dec 2020	0089_MW112_201214	Normal	-	<0.02	-	<0.05	-	-	-	-	-	0.14	<0.05	<0.05	61.7	57.2	-	-	-	-
	16 Mar 2021	0089_MW112_210316	Normal	-	-	<0.05	<0.05	<0.02	-	-	-	-	0.15	<0.05	<0.05	67.2	60.6	-	-	-	-
		0089_QC112_210316	Field_D	-	-	<0.05	-	<0.02	-	-	-	<0.05	0.12	<0.05	<0.05	50.8	46.5	-	-	39.4	-
		0089_QC212_210316	Interlab_D	<0.05	<0.05	-	-	<0.05	-	-	-	<0.01	-	<0.01	<0.01	50.28	-	-	22.6	-	43.6
	08 Jun 2021	0089_MW112_210608	Normal	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	0.19	<0.05	<0.05	-	65.6	-	-	57.2	-
	30 Aug 2021	0089_MW112_210830	Normal	-	<0.02	<0.05	-	<0.02	-	0.47	-	<0.05	0.05	-	<0.05	44.2	42.2	-	-	39.3	-
	10 Jan 2022	0089_MW112_220110	Normal	-	-	-	<0.05	<0.02	-	0.67	-	-	<0.05	<0.05	-	65.1	63.2	-	-	58.5	-
	14 Mar 2022	0089_MW112_220314	Normal	<0.05	<0.02	-	<0.05	-	-	0.49	-	-	0.12	<0.05	<0.05	65.2	61.6	-	-	-	-
		0089_QC105_220314	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	0.15	-	<0.05	55.4	-	-	-	47.7	-
		0089_QC205_220314	Interlab_D	-	-	<0.05	<0.05	<0.05	<0.05	0.33[#1]	-	<0.01	-	<0.01	<0.01	65.02	63.08	-	51.3	59.7	-
	07 Jun 2022	0089_MW112_220607	Normal	<0.05	-	<0.05	-	-	-	0.71	-	-	-	<0.05	-	85.7	-	-	-	-	-
		0089_QC105_220607	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	0.09	<0.05	-	93.3	90.9	-	-	88.8	-
		0089_QC205_220607	Interlab_D	<0.004	<0.004	<0.008	-	<0.004	<0.008	-	0.006	-	0.087	0.013	<0.004	-	45	-	-	43	-
	05 Sep 2022	0089_MW112_220905	Normal	-	-	-	-	<0.02	-	0.69	-	<0.05	-	-	-	72.2	70.3	-	-	67.6	-
	12 Dec 2022	0089_MW112_221212	Normal	<0.05	-	<0.05	<0.05	<0.02	-	0.65	-	<0.05	-	-	<0.05	55.7	54.5	-	-	52.3	-
	13 Mar 2023	0089_MW112_230313	Normal	-	<0.02	-	<0.05	-	-	-	-	<0.05	0.13	<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)	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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	06 Jun 2023	0089_MW112_230606	Normal	0.14	<0.02	-	-	*21.6*	-	-	-	-	0.1	-	<0.02	0.56	2.83	<0.02	*4.38*	0.43	<0.05	-	<0.02	-
		0089_QC104_230606	Field_D	-	-	-	6.57	-	-	0.56	-	*29.5*	0.2	-	-	-	-	-	-	0.46	-	<0.02	<0.02	-
		0089_QC204_230606	Interlab_D	-	<0.01	-	6.7[#1]	-	-	-	0.02[#1]	-	-	<0.01	<0.01	-	-	0.05	-	-	<0.01	<0.01	<0.01	-
	05 Sep 2023	0089_MW112_230905	Normal	0.08	<0.02	-	1.44	-	-	-	-	*11*	<0.1	-	<0.02	-	-	-	*1.58*	0.13	-	<0.02	<0.02	-
		0089_QC116_230905	Field_D	-	-	-	1.37	*28*	-	0.27	-	*10.2*	-	<0.02	-	0.32	0.63	-	-	0.12	<0.05	<0.02	<0.02	-
		0089_QC216_230905	Interlab_D	-	<0.1	-	0.9[#1]	*32*[#1]	0.02	0.27[#1]	<0.1	-	-	-	<0.01	0.29[#1]	-	0.03[#1]	-	0.14	-	<0.01	<0.01	-
	12 Dec 2023	0089_MW112_231212	Normal	0.04	<0.02	-	-	*27.1*	-	-	-	-	-	<0.02	<0.02	-	0.32	-	*1.31*	-	<0.05	<0.02	<0.02	-
		0089_QC113_231212	Field_D	0.05	<0.02	-	-	-	-	0.12	-	-	-	-	<0.02	0.17	-	-	*1.23*	0.08	<0.05	<0.02	<0.02	-
		0089_QC213_231212	Interlab_D	0.04	-	-	0.3[#1]	-	-	0.06	<0.05	*2.9*[#1]	-	<0.01	<0.01	0.14	0.31[#1]	-	*0.88*[#1]	-	<0.01	-	<0.01	-
	11 Mar 2024	0089_MW112_240311	Normal	-	<0.02	-	0.33	*26.6*	-	0.2	-	*3.88*	0.2	-	-	0.46	-	0.03	*1.3*	-	-	-	-	-
	29 May 2024	0089_MW112_240529	Normal	-	-	-	3.56	*19.4*	-	0.19	-	*10.4*	<0.1	<0.02	<0.02	0.22	0.86	-	*1.77*	0.18	<0.05	<0.02	<0.02	-
	16 Dec 2024	0089_MW112_241216	Normal	0.07	<0.02	0.12	1.89	*23.2*	<0.02	0.13	-	*7.86*	<0.1	<0.02	<0.02	0.24	0.69	0.03	*1.91*	0.18	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	1.89	-	<0.02	-	0.12	-	<0.1	-	-	-	0.69	0.03	*1.91*	0.18	<0.05	<0.02	<0.02	-
	21 Mar 2025	0089_MW112_250321	Normal	0.12	<0.20[#2]	<0.20[#2]	0.43	*31.2*	<0.02	0.32	-	*4.04*	0.2	<0.02	<0.02	0.59	1.61	0.04	*0.87*	0.39	<0.05	<0.02	<0.02	<0.05
				0.12	<0.2[#2]	-	-	-	-	-	<0.2[#2]	*4.04*	0.2	<0.02	-	0.59	1.61	0.04	*0.87*	0.39	-	-	-	<0.05
	06 Jun 2025	0089_MW112_250606	Normal	0.08	<0.04[#2]	0.25	2.26	*31.5*	<0.02	0.30	-	*7.70*	<0.1	<0.02	<0.02	0.32	1.12	0.03	*1.40*	0.20	<0.05	<0.02	<0.02	<0.05
				0.08	<0.04[#2]	-	2.26	-	<0.02	0.3	0.25	*7.7*	-	-	<0.02	-	1.12	0.03	-	0.2	<0.05	<0.02	-	<0.05
	24 Sep 2025	0089_MW112_250919	Normal	0.10	0.02	0.29	0.30	*33.2*	<0.02	0.30	-	*9.73*	0.2	<0.02	<0.02	0.90	1.31	0.02	*0.65*	0.49	<0.05	<0.02	<0.02	<0.05
0089_MW117	30 Oct 2010	DS3-MB02	Normal	-	-	-	-	*10.1*	-	-	-	-	-	-	-	-	-	-	*1.6*	-	-	-	-	-
	22 Oct 2013	WA0001_D53_MB02	Normal	-	-	-	-	*31.9*	-	-	-	-	-	-	-	-	-	-	*2.7*	-	-	-	-	-
	26 May 2015	D53_MB02	Normal	-	-	-	-	*43.9*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	29 Sep 2015	WA0001_MB02	Normal	-	-	-	-	*12.8*	-	-	-	-	-	-	-	-	-	-	*1.56*	-	-	-	-	-
	23 Feb 2016	D53_MB02	Normal	-	-	-	-	*32.4*	-	-	-	-	-	-	-	-	-	-	*0.47*	-	-	-	-	-
	25 Oct 2016	D53_MB02	Normal	-	-	-	-	*25*[#3]	-	-	-	-	-	-	-	-	-	-	*0.87*[#3]	-	-	-	-	-
	08 Mar 2017	0089_MW117_S_170803	Normal	0.43	<0.002	-	2.3	*33*	-	-	-	*16*	0.22	<0.002	<0.005	0.57	-	-	*1.7*	0.55	<0.05	<0.01	<0.002	-
	20 Sep 2017	0089_MW117_D_170920	Normal	0.52	-	-	-	*33*	-	-	-	*15*	0.26	-	-	-	-	0.01	*1.7*	0.36	-	<0.01	<0.002	-
		0089_MW117_S_170920	Normal	-	<0.002	-	3.5	-	-	-	-	*13*	0.22	<0.002	<0.005	0.23	-	0.011	-	0.34	<0.05	<0.01	<0.002	-
	18 Oct 2017	0089_MW117_D_171018	Normal	0.4	<0.02	-	2.5	*39*	-	1.1	-	*14*	0.24	<0.02	-	0.33	3	-	*1.8*	-	<0.5	-	-	-
		0089_MW117_S_171018	Normal	0.38	-	-	3	-	-	1.1	-	*16*	0.2	-	-	0.39	3	0.011	*1.8*	0.58	-	<0.1	<0.02	-
	16 Nov 2017	0089_MW117_D_171116	Normal	-	<0.02	-	1.9	*30*	-	1	-	*15*	0.19	<0.02	<0.05	0.44	3.1	-	-	0.5	<0.5	-	<0.02	-
		0089_MW117_S_171116	Normal	-	<0.02	-	-	*29*	-	1.1	-	*14*	0.17	-	-	-	3	<0.01	*2.1*	0.47	<0.5	-	-	-
	06 Dec 2017	0089_MW117_D_171206	Normal	-	<0.02	-	-	*31*	-	-	-	*18*	-	-	-	0.42	2.8	0.013	-	0.53	-	<0.1	<0.02	-
		0089_MW117_S_171206	Normal	-	<0.02	-	3.7	*32*	-	1.2	-	-	0.13	<0.02	-	0.44	-	0.017	*1.7*	0.42	<0.5	<0.1	-	-
	18 Jan 2018	0089_MW117_D_180118	Normal	0.38	<0.002	-	3.3	*30*	-	0.87	-	-	0.29	<0.002	<0.005	0.49	3.1	0.013	-	0.52	-	<0.01	<0.002	-
		0089_MW117_S_180118	Normal	0.4	<0.002	-	4.6	-	-	1.1	-	*16*	-	<0.002	<0.005	0.56	-	<0.001	*2*	0.49	<0.05	<0.01	<0.002	-
	16 Dec 2019	0089_MW117_191216	Normal	*1.01*	-	-	3.24	*43.1*	-	2.71	-	*31.5*	-	<0.02	-	-	6.12	0.03	-	1.26	<0.05	-	<0.02	-
	30 Mar 2020	0089_MW117_200330	Normal	*1.05*	-	-	1.96	-	-	1.89	-	*38*	0.2	<0.02	<0.02	-	-	0.04	*1.88*	1.42	<0.05	-	<0.02	-
		0089_QC101_200330	Field_D	*1.08*	-	-	2.54	*42.4*	-	-	-	-	0.2	<0.02	<0.02	0.68	6.02	0.04	*2.02*	-	<0.05	-	<0.02	-
		0089_QC201_200330	Interlab_D	-	<0.01	-	1.1[#1]	*24*[#1]	0.21	-	0.13[#1]	*17*[#1]	-	<0.01	-	0.34[#1]	2.8	-	*1.1*[#1]	-	<0.01	-	-	-
	15 Jul 2020	0089_MW117_200715	Normal	0.73	-	-	2.21	*9.22*	-	2.16	-	*17.4*	-	<0.02	<0.02	0.56	4.46	0.03	*1.6*	-	<0.05	<0.02	<0.02	-
	21 Sep 2020	0089_MW117_200921	Normal	0.78	<0.05[#2]	-	-	-	-	1.31	-	*20*	0.4	-	<0.05[#2]	0.42	3.68	<0.05[#2]	*1.38*	-	<0.12[#2]	-	-	-
		0089_QC107_200921	Field_D	-	<0.02	-	-	*30.8*	-	-	-	*19.7*	0.4	<0.02	<0.02	0.37	3.52	-	*1.6*	1.22	-	<0.02	<0.02	-
		0089_QC207_200921	Interlab_D	0.67	<0.01	-	-	*34*[#1]	-	0.98[#1]	0.13[#1]	-	0.35	<0.01	<0.01	0.43[#1]	-	0.02[#1]	*1.2*[#1]	0.86	<0.01	<0.01	<0.01	-
	14 Dec 2020	0089_MW117_201214	Normal	0.39	<0.02	-	-	*31.8*	-	0.73	-	-	0.3	<0.02	-	0.25	-	-	-	0.49	<0.05	-	-	-
	16 Mar 2021	0089_MW117_210316	Normal	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	0.36	3.62	<0.02	-	0.66	-	<0.02	<0.02	-
		0089_QC109_210316	Field_D	-	<0.02	-	2.08	*27.3*	-	1.3	-	-	0.2	<0.02	-	-	3.83	-	*1.17*	0.67	<0.05	-	<0.02	-
		0089_QC209_210316	Interlab_D	0.39	<0.01	-	1.2[#1]	-	-	0.84[#1]	<0.01	*15*[#1]	-	<0.01	-	0.33[#1]	-	0.02[#1]	-	-	-	<0.01	<0.01	-
	08 Jun 2021	0089_MW117_210608	Normal	0.46	<0.02	-	-	*47.3*	-	-	-	*18.6*	-	<0.02	<0.02	0.27	3.96	-	*1.02*	-	-	<0.02	<0.02	-
		0089_QC106_210608	Field_D	<0.02	-	-	0.09	*4.95*	-	0.02	-	*0.52*	<0.1	-	<0.02	<0.02	0.08	<0.02	-	<0.02	-	<0.02	<0.02	-
		0089_QC206_210608	Interlab_D	0.39	<0.02[#4]	-	1.5[#1]	-	0.16	-	<0.02[#4]	*16*[#1]	0.25	-	-	0.29[#1]	2.6[#1]	-	*1.1*[#1]	-	<0.01	-	<0.01	-
	30 Aug 2021	0089_MW117_210830	Normal	-	<0.02	-	2	*40.6*	-	-	-	-	<0.1	-	-	0.21	1.25	<0.02	-	0.18	<0.05	-	<0.02	-
0089_MW120	08 Mar 2017	0089_MW120_S_170803	Normal	0.024	-	-	-	*2.4*	-	-	-	-	0.02	-	<0.005	0.027	-	<0.001	0.14	0.031	<0.05	-	-	-
	20 Sep 2017	0089_MW120_D_170920	Normal	-	-	-	0.15	*0.94*	-	-	-	*6.6*	-	<0.002	<0.005	0.013	0.09	<0.001	*0.32*	-	<0.05	<0.01	<0.002	-
		0089_MW120_S_170920	Normal	-	<0.002	-	-	-	-	0.052	-	*6.3*	0.02	-	-	0.018	0.086	<0.001	*0.31*	-	-	<0.01	-	-
	18 Oct 2017	0089_MW120_D_171018	Normal	0.028	<0.002	-	-	*2.3*	-	-	-	-	-	<0.002	<0.02	-	0.12	<0.001	*0.25*	0.026	<0.2	<0.05	<0.002	-
		0089_MW120_S_171018	Normal	0.029	<0.002	-	0.19	*2*	-	-	-	*4.5*	0.02	-	<0.02	-	0.12	<0.001	*0.24*	0.025	<0.2	<0.05	-	-
	16 Nov 2017	0089_MW120_D_171116	Normal	0.031	<0.002	-	0.19	*1.5*	-	0.06	-	*5.9*	0.02	<0.002	<0.005	0.024	-	<0.001	-	-	-	-	<0.002	-
		0089_MW120_S_171116	Normal	0.028	<0.002	-	0.16	*1.3*	-	0.046	-	-	-	<0.002	<0.005	0.028	-	<0.001	*0.37*	0.021	-	-	<0.002	-
	06 Dec 2017	0089_MW120_D_171206	Normal	-	<0.002	-	0.26	-	-	-	-	*6.8*	0.02	<0.002	<0.005	0.014	0.12	<0.001	*0.41*	-	<0.05	<0.01	<0.002	-
		0089_MW120_S_171206	Normal	-	-	-	-	-	-	0.073	-	*6.1*	0.02	<0.002	-	0.013	0.12	<0.001	-	0.021	<0.05	<0.01	<0.002	-
	18 Jan 2018	0089_MW120_D_180118	Normal	-	-	-	-	*2.3*	-	-	-	*3.5*	0.023	-	<0.005	-	0.16	<0.001	*0.2*	-	<0.05	-	<0.002	-
		0089_MW120_S_180118	Normal	0.026	-	-	-	-	-	0.14	-	*3.6*	0.023	-	<0.005	0.02	-	-	*0.2*	-	<0.05	<0.01	-	-
	16 Dec 2019	0089_MW120_191216	Normal	-	<0.02	-	0.48	*4.86*	-	0.09	-	*5.12*	<0.1	<0.02	<0.02	0.03	0.2	-	*0.25*	0.04	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW120_200330	Normal	0.05	<0.02	-	0.67	*9.29*	-	-	-	*5.36*	<0.1	-	-	-	0.28	<0.02	-	-	<0.05	<0.02	<0.02	-
	15 Jul 2020	0089_MW120_200715	Normal	0.04	<0.02	-	0.47	-	-	0.11	-	*2.47*	<0.1	-	<0.02	0.02	-	<0.02	0.17	0.03	-	<0.02	<0.02	-
		0089_QC106_200715	Field_D	0.04	<0.02	-	0.48	*5.95*	-	0.12	-	*2.44*	<0.1	-	-	0.02	-	<0.02	-	0.04	<0.05	-	<0.02	-
		0089_QC206_200215	Interlab_D	0.03	<0.01	-	0.29[#1]	*4.8*[#1]	0.01	0.1[#1]	<0.01	*1.8*[#1]	<0.05	<0.01	<0.01	-	-	-	0.12[#1]	0.03	<0.01	<0.01	-	-
	14 Dec 2020	0089_MW120_201214	Normal	-	<0.02	-	0.27	*3.86*	-	0.05	-	*1.66*	<0.1	<0.02	<0.02	<0.02	0.15	-	-	-	<0.05	<0.02	<0.02	-
	16 Mar 2021	0089_MW120_210316	Normal	-	<0.02	-	0.46	*3.81*	-	-	-	*3.33*	-	-	<0.02	<0.02	-	-	-	-	<0.05	-	-	-
	08 Jun 2021	0089_MW120_210608	Normal	-	<0.02	-	0.45	-	-	-	-	*2.25*	<0.1	<0.02	-	<0.02	-	-	0.13	-	-	-	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	06 Jun 2023	0089_MW112_230606	Normal	<0.05	-	-	<0.05	<0.02	<0.05	0.11	-	-	0.29	-	<0.05	-	-	-	-	48.4	-
		0089_QC104_230606	Field_D	-	-	<0.05	<0.05	-	-	0.1	-	-	0.33	<0.05	<0.05	-	-	-	-	50.2	-
		0089_QC204_230606	Interlab_D	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.01	-	<0.01	-	81.77	74.06	-	-	-	69.9
	05 Sep 2023	0089_MW112_230905	Normal	-	<0.02	<0.05	-	-	-	0.37	-	<0.05	-	-	<0.05	-	44.4	-	-	41.4	-
		0089_QC116_230905	Field_D	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	<0.05	-	42.8	40.8	-	-	38.2	-
		0089_QC216_230905	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-	<0.01	<0.01	-	45.59	-	-	-	44.4
	12 Dec 2023	0089_MW112_231212	Normal	-	<0.02	-	-	<0.02	<0.05	0.45	-	<0.05	0.11	<0.05	<0.05	34.6	-	-	-	31.6	-
		0089_QC113_231212	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	0.44	-	-	0.11	-	-	34.8	33.8	-	-	31.8	-
		0089_QC213_231212	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.01	-	21.09	20.46	-	16.88	18.9	19.78
	11 Mar 2024	0089_MW112_240311	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	0.54	-	-	0.18	<0.05	-	35.2	-	-	-	30.5	-
	29 May 2024	0089_MW112_240529	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	-	37	-	-	-	-	-
	16 Dec 2024	0089_MW112_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.36	-	<0.05	0.09	<0.05	<0.05	36.8	-	34.2	-	31.1	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	0.09	<0.05	-	-	-	-	-	31.1	-
	21 Mar 2025	0089_MW112_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.58	-	<0.05	0.12	<0.05	<0.05	40.5	-	39.1	-	35.2	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	0.12	<0.05	<0.05	40.5	-	-	-	35.2	-
	06 Jun 2025	0089_MW112_250606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.35	-	<0.05	0.10	<0.05	<0.05	45.6	-	42.4	-	39.2	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	0.1	<0.05	<0.05	-	42.4	-	-	39.2	-
	24 Sep 2025	0089_MW112_250919	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.50	-	<0.05	<0.05	<0.05	<0.05	48.0	-	46.6	-	42.9	-
0089_MW117	30 Oct 2010	DS3-MB02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	22 Oct 2013	WA0001_D53_MB02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26 May 2015	D53_MB02	Normal	-	-	-	-	-	-	-	-	-	0.1	<0.1	-	-	-	-	-	-	-
	29 Sep 2015	WA0001_MB02	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
	23 Feb 2016	D53_MB02	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
	25 Oct 2016	D53_MB02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08 Mar 2017	0089_MW117_S_170803	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	0.08	<0.001	<0.001	-	-	-	-	-	-
	20 Sep 2017	0089_MW117_D_170920	Normal	-	-	<0.05	-	<0.002	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW117_S_170920	Normal	<0.01	-	-	-	<0.002	-	<0.01	-	-	-	-	-	-	-	-	-	-	-
	18 Oct 2017	0089_MW117_D_171018	Normal	<0.1	<0.02	<0.5	<0.05	<0.02	-	-	-	-	0.2	-	-	-	-	-	-	-	-
		0089_MW117_S_171018	Normal	<0.1	-	-	<0.05	-	-	<0.1	-	<0.01	0.14	-	<0.01	-	-	-	-	-	-
	16 Nov 2017	0089_MW117_D_171116	Normal	<0.1	<0.02	-	-	<0.02	<0.05	-	-	-	0.16	-	-	-	-	-	-	-	-
		0089_MW117_S_171116	Normal	<0.1	<0.02	-	<0.05	-	<0.05	-	-	-	0.2	-	-	-	-	-	-	-	-
	06 Dec 2017	0089_MW117_D_171206	Normal	<0.1	-	<0.5	<0.05	<0.02	<0.05	<0.1	-	-	0.09	<0.01	<0.01	-	-	-	-	-	-
		0089_MW117_S_171206	Normal	<0.1	-	<0.5	<0.05	<0.02	<0.05	<0.1	-	-	-	<0.01	-	-	-	-	-	-	-
	18 Jan 2018	0089_MW117_D_180118	Normal	-	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW117_S_180118	Normal	<0.01	<0.002	-	<0.005	<0.002	-	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	16 Dec 2019	0089_MW117_191216	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	91.7	85.7	-	-	-	-
	30 Mar 2020	0089_MW117_200330	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	0.08	-	<0.05	87.3	83.4	-	-	-	-
		0089_QC101_200330	Field_D	-	<0.02	<0.05	-	<0.02	<0.05	-	-	-	0.09	-	<0.05	95.1	90.5	-	-	-	-
		0089_QC201_200330	Interlab_D	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	<0.01	-	<0.01	-	-	46.58	-	-	-	42.1
	15 Jul 2020	0089_MW117_200715	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	-	-	39.9	35.5	-	-	-	-
	21 Sep 2020	0089_MW117_200921	Normal	-	<0.05[#2]	-	<0.12[#2]	<0.05[#2]	<0.12[#2]	<0.05[#2]	-	-	-	-	<0.05	<0.05	-	59.9	-	-	52.1	-
		0089_QC107_200921	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	0.1	<0.05	-	-	-	-	-	50.5	-
		0089_QC207_200921	Interlab_D	-	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.01	0.09	-	-	60.88	58.21	-	-	52	53.2
	14 Dec 2020	0089_MW117_201214	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	0.05	<0.05	-	49	46.8	-	-	42	-
	16 Mar 2021	0089_MW117_210316	Normal	-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
		0089_QC109_210316	Field_D	<0.05	-	-	-	-	-	<0.02	-	<0.05	-	-	<0.05	50.7	-	-	-	40.5	-
		0089_QC209_210316	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	-	<0.05	-	-	<0.05	0.02	<0.01	49.02	46.82	-	-	-	-
	08 Jun 2021	0089_MW117_210608	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	75.9	-	-	-	65.9	-
		0089_QC106_210608	Field_D	-	-	-	<0.05	<0.02	-	-	-	-	-	<0.05	-	-	5.59	-	-	-	-
		0089_QC206_210608	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	0.08	-	-	78.81	-	-	56.1	71	72.1
	30 Aug 2021	0089_MW117_210830	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	55.3	-	-	-	49.8	-
0089_MW120	08 Mar 2017	0089_MW120_S_170803	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Sep 2017	0089_MW120_D_170920	Normal	<0.01	-	<0.05	-	<0.002	<0.005	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
		0089_MW120_S_170920	Normal	<0.01	<0.002	<0.05	<0.005	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	18 Oct 2017	0089_MW120_D_171018	Normal	-	-	<0.2	-	-	<0.02	-	-	<0.001	<0.001	<0.001	<0.005	-	-	-	-	-	-
		0089_MW120_S_171018	Normal	<0.05	-	<0.2	<0.02	-	<0.02	-	-	<0.001	<0.001	-	<0.005	-	-	-	-	-	-
	16 Nov 2017	0089_MW120_D_171116	Normal	<0.1	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW120_S_171116	Normal	<0.1	-	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	06 Dec 2017	0089_MW120_D_171206	Normal	<0.01	-	<0.05	-	-	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW120_S_171206	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	18 Jan 2018	0089_MW120_D_180118	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_MW120_S_180118	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	16 Dec 2019	0089_MW120_191216	Normal	-	<0.02	<0.05	-	-	-	-	-	<0.05	<0.05	-	-	11.1	10.5	-	-	9.98	-
	30 Mar 2020	0089_MW120_200330	Normal	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	-	16.2	15.4	-	-	14.6	-
	15 Jul 2020	0089_MW120_200715	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	6.75	-
		0089_QC106_200715	Field_D	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	-	-	-	9.51	-	-	-	8.39	-
		0089_QC206_200215	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	-	<0.05	-	-	-	<0.01	-	7.38	6.98	-	4.92	6.6	6.72
	14 Dec 2020	0089_MW120_201214	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	5.84	-	-	-	-
	16 Mar 2021	0089_MW120_210316	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	8.06	7.55	-	-	7.14	-
	08 Jun 2021	0089_MW120_210608	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	7.01	6.51	-	-	6.13	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	30 Aug 2021	0089_MW120_210830	Normal	0.02	-	-	2.23	*0.23*	-	-	-	-	-	<0.02	-	<0.02	0.12	-	*1.59*	-	<0.05	-	<0.02	-
	10 Jan 2022	0089_MW120_220110	Normal	<0.02	<0.02	-	4.29	*1.05*	-	0.05	-	*12.7*	<0.1	-	-	-	0.14	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC104_220110	Field_D	<0.02	<0.02	-	3.75	*1.04*	-	-	-	*13.6*	-	<0.02	-	<0.02	0.14	<0.02	*2.14*	-	<0.05	<0.02	-	-
		0089_QC204_220110	Interlab_D	-	<0.01	-	-	*0.99*[#1]	<0.01	0.04[#1]	<0.01	*8.1*[#1]	<0.05	-	<0.01	0.01[#1]	-	<0.01	*1.6*[#1]	0.02	-	<0.01	<0.01	-
	14 Mar 2022	0089_MW120_220314	Normal	0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	-	0.13	-	-	<0.02	-	-	-	-
		0089_QC104_220314	Field_D	0.02	<0.02	-	-	*1.32*	-	-	-	*8.05*	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	-
		0089_QC204_220314	Interlab_D	-	-	-	-	-	<0.01	0.04[#1]	<0.01	-	<0.05	<0.01	-	0.01[#1]	0.1[#1]	<0.01	*0.37*[#1]	-	-	-	-	-
	07 Jun 2022	0089_MW120_220607	Normal	0.02	-	-	0.74	-	-	0.05	-	*3.52*	<0.1	<0.02	-	-	0.1	<0.02	-	-	-	<0.02	<0.02	-
	05 Sep 2022	0089_MW120_220905	Normal	0.03	-	-	3.67	-	-	0.07	-	*22.2*	-	<0.02	<0.02	<0.02	0.11	<0.02	-	<0.02	-	-	<0.02	-
		0089_QC116_220905	Field_D	0.02	-	-	3.54	*0.33*	-	0.08	-	*21.5*	<0.1	<0.02	<0.02	<0.02	0.12	<0.02	-	-	<0.05	-	-	-
		0089_QC216_220905	Interlab_D	0.02	<0.01	-	2.1[#1]	-	<0.01	0.11[#1]	<0.01	*17*[#1]	<0.05	<0.01	<0.01	0.01[#1]	0.07	<0.01	-	-	<0.01	<0.01	<0.01	-
	12 Dec 2022	0089_MW120_221212	Normal	0.02	-	-	2.95	-	-	-	-	-	-	-	-	-	-	<0.02	*1.6*	<0.02	-	-	<0.02	-
	13 Mar 2023	0089_MW120_230313	Normal	0.02	-	-	3.26	*0.55*	-	0.03	-	-	<0.1	<0.02	<0.02	<0.02	0.1	<0.02	*1.47*	-	<0.05	<0.02	-	-
		0089_QC105_230313	Field_D	-	<0.02	-	1.38	*0.78*	-	0.02	-	*4.71*	<0.1	<0.02	<0.02	<0.02	0.1	-	*0.69*	<0.02	-	<0.02	<0.02	-
		0089_QC205_230313	Interlab_D	0.02	<0.01	-	-	*0.99*[#1]	<0.01	-	<0.01	-	<0.05	<0.01	-	0.01[#1]	0.09	<0.01	-	-	<0.01	-	<0.01	-
	06 Jun 2023	0089_MW120_230606	Normal	0.02	<0.02	-	0.31	*3.09*	-	0.05	-	*1.98*	<0.1	-	<0.02	<0.02	-	-	-	0.04	<0.05	-	<0.02	-
		0089_QC103_230606	Field_D	<0.02	<0.02	-	-	*2.29*	-	0.05	-	*2.33*	<0.1	<0.02	-	<0.02	0.13	-	*0.24*	0.02	-	<0.02	<0.02	-
		0089_QC203_230606	Interlab_D	0.02	<0.01	-	0.25	*2.2*[#1]	-	-	-	*2.2*[#1]	<0.05	-	<0.01	0.01[#1]	0.13[#1]	-	-	-	-	<0.01	-	-
	05 Sep 2023	0089_MW120_230905	Normal	0.02	-	-	0.28	*1.26*	-	-	-	*1.6*	-	<0.02	<0.02	<0.02	-	<0.02	0.12	<0.02	-	<0.02	<0.02	-
		0089_QC115_230905	Field_D	<0.02	<0.02	-	0.26	-	-	-	-	*1.62*	<0.1	<0.02	<0.02	-	0.08	-	0.11	<0.02	<0.05	-	-	-
		0089_QC215_230905	Interlab_D	0.02[#1]	-	-	-	*1.3*[#1]	-	0.03[#1]	-	*1.7*[#1]	<0.05	-	<0.01	<0.01	0.05	-	-	0.01	<0.01	-	<0.01	-
	12 Dec 2023	0089_MW120_231212	Normal	0.02	-	-	0.23	-	-	0.04	-	*1.62*	<0.1	<0.02	<0.02	<0.02	0.06	-	0.1	<0.02	<0.05	<0.02	-	-
		0089_QC112_231212	Field_D	-	-	-	-	*0.48*	-	0.04	-	*1.53*	<0.1	-	<0.02	-	0.06	-	-	<0.02	<0.05	-	-	-
		0089_QC212_231212	Interlab_D	0.01[#1]	<0.01	-	0.2[#1]	*0.51*[#1]	<0.01	0.06[#1]	<0.01	-	<0.05	<0.01	-	<0.01	0.04	<0.01	0.09[#1]	-	<0.01	<0.01	<0.01	-
	11 Mar 2024	0089_MW120_240311	Normal	-	<0.02	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.02	0.07	<0.02	<0.05	<0.02	<0.02	-
	29 May 2024	0089_MW120_240529	Normal	0.02	<0.02	-	0.36	*3.24*	-	0.06	-	*1.46*	-	<0.02	<0.02	-	0.1	-	0.09	-	<0.05	-	-	-
	16 Dec 2024	0089_MW120_241216	Normal	0.02	<0.02	<0.02	1.40	*3.30*	<0.02	0.04	-	*2.90*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	*0.48*	<0.02	<0.05	<0.02	<0.02	<0.05
				0.02	<0.02	-	1.4	*3.3*	<0.02	-	<0.02	-	<0.1	-	<0.02	<0.02	0.09	<0.02	-	<0.02	<0.05	-	<0.02	-
	21 Mar 2025	0089_MW120_250321	Normal	<0.02	<0.02	<0.02	1.20	*1.72*	<0.02	0.03	-	*1.96*	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	*0.43*	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	*1.72*	-	0.03	<0.02	*1.96*	-	-	<0.02	<0.02	0.06	<0.02	*0.43*	<0.02	<0.05	-	-	<0.05
		0089_QC117_250321	Field_D	<0.02	<0.02	<0.02	1.23	*1.71*	<0.02	0.03	-	*1.98*	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	*0.52*	<0.02	<0.05	<0.02	<0.02	<0.05
		0089_QC217_250321	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	06 Jun 2025	0089_MW120_250606	Normal	<0.02	<0.02	<0.02	0.37	*3.34*	<0.02	0.04	-	*1.25*	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.10	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.37	-	-	0.04	<0.02	*1.25*	-	-	<0.02	<0.02	0.08	<0.02	-	<0.02	<0.05	-	<0.02	<0.05
		0089_QC105_250606	Field_D	<0.02	<0.02	<0.02	0.40	*3.53*	<0.02	0.04	-	*1.30*	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.10	<0.02	<0.05	<0.02	<0.02	<0.05
		0089_QC205_250606	Interlab_D	0.03	<0.01	<0.01	0.53	*4.3*	<0.01	0.05	-	*1.5*	<0.05	<0.01	<0.01	<0.05	0.10	<0.01	0.13	0.01	<0.01	<0.01	<0.01	-
	19 Sep 2025	0089_MW120_250919	Normal	0.02	<0.02	<0.02	13.0	*0.38*	<0.02	0.13	-	*13.0*	<0.1	<0.02	<0.02	<0.02	0.28	<0.02	*2.32*	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW121	23 Feb 2016	D53_MB03A	Normal	-	-	-	-	*9.22*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25 Oct 2016	D53_MB03A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04[#3]	-	-	-	-	-
	08 Mar 2017	0089_MW121_S_170803	Normal	0.014	-	-	0.08	-	-	-	-	-	0.051	<0.002	<0.005	0.1	0.21	0.002	0.13	-	<0.05	-	<0.002	-
	20 Sep 2017	0089_MW121_D_170920	Normal	-	-	-	0.023	-	-	0.022	-	-	0.03	-	<0.005	0.038	0.13	0.001	0.051	0.062	<0.05	<0.01	<0.002	-
		0089_MW121_S_170920	Normal	0.01	-	-	-	*0.84*	-	-	-	-	-	-	<0.005	0.036	0.13	0.001	0.056	-	<0.05	<0.01	<0.002	-
	18 Oct 2017	0089_MW121_D_171018	Normal	-	<0.002	-	0.037	*0.61*	-	0.018	-	*0.59*	0.026	<0.002	-	-	-	-	-	-	<0.2	<0.05	-	-
		0089_MW121_S_171018	Normal	-	<0.002	-	-	-	-	0.014	-	*0.47*	0.024	-	<0.02	0.041	0.13	<0.001	0.054	0.061	-	<0.05	-	-
	16 Nov 2017	0089_MW121_D_171116	Normal	0.004	<0.002	-	-	*0.27*	-	-	-	-	0.01	<0.002	<0.005	-	-	<0.001	0.04	-	<0.05	<0.01	<0.002	-
		0089_MW121_S_171116	Normal	0.003	<0.002	-	0.029	*0.19*	-	-	-	*0.23*	-	<0.002	-	0.019	0.08	<0.001	0.041	-	<0.05	-	<0.002	-
	06 Dec 2017	0089_MW121_D_171206	Normal	-	<0.002	-	-	-	-	0.012	-	*0.37*	0.01	-	<0.005	-	0.068	0.001	0.038	-	<0.05	<0.01	-	-
		0089_MW121_S_171206	Normal	0.004	-	-	0.04	*0.34*	-	-	-	-	-	<0.002	<0.005	0.012	0.06	<0.001	0.029	0.023	<0.05	-	-	-
	18 Jan 2018	0089_MW121_D_180118	Normal	-	<0.002	-	0.096	*4.1*	-	0.066	-	-	-	-	<0.005	0.079	0.22	0.006	0.12	-	-	<0.01	<0.002	-
		0089_MW121_S_180118	Normal	0.017	-	-	-	*3.8*	-	0.054	-	*1.2*	-	<0.002	<0.005	-	-	0.006	0.11	-	-	<0.01	<0.002	-
	16 Dec 2019	0089_MW121_191216	Normal	-	<0.02	-	0.18	*4.39*	-	0.06	-	-	-	<0.02	<0.02	0.09	-	<0.02	0.17	-	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW121_200330	Normal	-	-	-	1.34	*47.5*	-	-	-	-	0.1	<0.02	<0.02	0.24	2.37	0.03	*0.88*	0.48	-	-	-	-
	15 Jul 2020	0089_MW121_200715	Normal	0.15	<0.02	-	1	-	-	-	-	-	0.1	<0.02	<0.02	0.26	1.21	-	*0.76*	0.42	-	<0.02	<0.02	-
	21 Sep 2020	0089_MW121_200921	Normal	-	-	-	0.15	*4.04*	-	0.07	-	*3.05*	<0.1	<0.02	<0.02	0.04	0.28	-	-	-	-	<0.02	<0.02	-
	14 Dec 2020	0089_MW121_201214	Normal	0.04	<0.02	-	-	*4.87*	-	0.07	-	-	<0.1	<0.02	<0.02	0.05	-	<0.02	0.15	-	<0.05	<0.02	-	-
	16 Mar 2021	0089_MW121_210316	Normal	-	<0.02	-	2.35	*29.3*	-	-	-	-	-	-	-	-	2.16	<0.02	*1.18*	0.4	<0.05	<0.02	<0.02	-
	08 Jun 2021	0089_MW121_210608	Normal	0.09	-	-	0.39	-	-	-	-	-	-	-	<0.02	0.16	-	<0.02	*0.28*	-	<0.05	<0.02	<0.02	-
	30 Aug 2021	0089_MW121_210830	Normal	0.19	<0.02	-	1.03	-	-	0.48	-	-	0.1	-	<0.02	-	1.22	-	*1.42*	-	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW121_220110	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	*0.11*	<0.1	<0.02	<0.02	-	-	-	-	<0.02	-	-	<0.02	-
	14 Mar 2022	0089_MW121_220314	Normal	-	<0.02	-	0.03	*0.33*	-	-	-	*0.16*	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	-	<0.02	<0.05	-	<0.02	-
		0089_QC102_220314	Field_D	-	<0.02	-	-	*0.43*	-	-	-	*0.16*	-	<0.02	-	<0.02	0.05	<0.02	0.05	<0.02	-	<0.02	<0.02	-
		0089_QC202_220314	Interlab_D	-	-	-	<0.01	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	07 Jun 2022	0089_MW121_220607	Normal	0.05	-	-	-	-	-	0.16	-	*5.3*	<0.1	<0.02	<0.02	0.08	-	-	*0.2*	0.13	-	-	<0.02	-
		0089_QC101_220607	Field_D	0.05	<0.02	-	-	*0.72*	-	0.16	-	*5.4*	-	<0.02	<0.02	0.08	-	<0.02	-	0.12	<0.05	<0.02	<0.02	-
		0089_QC201_220607	Interlab_D	0.046	<0.004	-	0.17	*0.45*	-	0.11	-	*4.4*	-	-	<0.001	0.07	0.41	<0.002	0.16	0.087	<0.001	-	-	-
	05 Sep 2022	0089_MW121_220905	Normal	<0.02	<0.02	-	-	*0.09*	-	-	-	*0.1*	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	-	-	-
	12 Dec 2022	0089_MW121_221212	Normal	<0.02	-	-	<0.02	*0.06*	-	<0.02	-	*0.1*	<0.1	-	-	-	0.04	<0.02	-	0.02	<0.05	<0.02	-	-
	13 Mar 2023	0089_MW121_230313	Normal	0.02	<0.02	-	0.02	*0.08*	-	<0.02	-	*0.38*	<0.1	-	<0.02	-	0.07	<0.02	0.03	0.02	<0.05	<0.02	<0.02	-
	06 Jun 2023	0089_MW121_230606	Normal	-	-	-	0.87	*5.07*	-	-	-	*6.47*	-	-	<0.02	0.17	0.76	<0.02	-	-	-	<0.02	<0.02	-
	05 Sep 2023	0089_MW121_230905	Normal	<0.02	<0.02	-	0.05	-	-	-	-	*0.61*	<0.1	<0.02	-	-	0.08	-	0.05	0.02	<0.05	<0.02	<0.02	-
	12 Dec 2023	0089_MW121_231212	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	*0.08*	<0.1	-	<0.02	<0.02	<0.02	-	0.01	<0.02	<0.05	-	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	30 Aug 2021	0089_MW120_210830	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	18.8	-	-	-	-
	10 Jan 2022	0089_MW120_220110	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	20.4	16.1	-	-	13.8	-
		0089_QC104_220110	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	-	20.7	16.9	-	-	14.6	-
		0089_QC204_220110	Interlab_D	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	-	<0.01	-	10.82	-	2.59	-	-
	14 Mar 2022	0089_MW120_220314	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	12.4	9.89	-	-	8.15	-
		0089_QC104_220314	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	-	13.7	11.1	-	-	9.37	-
		0089_QC204_220314	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	7.69	-	-	-	6.5	6.87
	07 Jun 2022	0089_MW120_220607	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	05 Sep 2022	0089_MW120_220905	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	-	28.4	24.7	-	-	22.6	-
		0089_QC116_220905	Field_D	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	-	<0.05	-	27.6	-	-	-	21.8	-
		0089_QC216_220905	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	-	-	-	17.28	-
	12 Dec 2022	0089_MW120_221212	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	-	-	<0.05	20.4	17.4	-	-	-	-
	13 Mar 2023	0089_MW120_230313	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	9.67	6.38	-	-	4.79	-
		0089_QC105_230313	Field_D	-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.68	-	-	-	5.49	-
		0089_QC205_230313	Interlab_D	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	-	<0.01	8.45	7.31	-	1.97	6.19	7.17
	06 Jun 2023	0089_MW120_230606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	-	5.82	5.46	-	-	5.07	-
		0089_QC103_230606	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	5.01	-	-	4.62	-
		0089_QC203_230606	Interlab_D	<0.05	-	-	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.01	<0.01	-	4.81	-	2.42	-	4.62
	05 Sep 2023	0089_MW120_230905	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	-	<0.05	<0.05	-	-	3.08	-	-	2.86	-
		0089_QC115_230905	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	3.02	-	-	2.83	-
		0089_QC215_230905	Interlab_D	<0.05	-	-	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	3.42	3.17	-	-	3	3.09
	12 Dec 2023	0089_MW120_231212	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.05	2.53	2.26	-	-	2.08	-
		0089_QC112_231212	Field_D	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	2.41	2.15	-	-	2.01	-
		0089_QC212_231212	Interlab_D	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	-	2.41	2.15	-	0.6	2.01	2.1
	11 Mar 2024	0089_MW120_240311	Normal	-	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	3.1	-	-	-	-	-
	29 May 2024	0089_MW120_240529	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	5.35	4.93	-	-	-	-
	16 Dec 2024	0089_MW120_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.23	-	6.79	-	6.20	-
				-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	8.23	-	-	-	6.2	-
	21 Mar 2025	0089_MW120_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.40	-	4.17	-	3.68	-
				-	-	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	5.4	-	-	-	3.68	-
		0089_QC117_250321	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.53	-	4.27	-	3.69	-
		0089_QC217_250321	Interlab_D	<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
	06 Jun 2025	0089_MW120_250606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.18	-	4.77	-	4.59	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	5.18	4.77	-	-	4.59	-
		0089_QC105_250606	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.45	-	5.01	-	4.83	-
		0089_QC205_250606	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	6.65	-	6.07	4.43	5.8	5.93
	19 Sep 2025	0089_MW120_250919	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	29.1	-	16.0	-	13.4	-
0089_MW121	23 Feb 2016	D53_MB03A	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
	25 Oct 2016	D53_MB03A	Normal	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	08 Mar 2017	0089_MW121_S_170803	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	-	-	-	-	-	-	-	-	-
	20 Sep 2017	0089_MW121_D_170920	Normal	-	<0.002	<0.05	-	-	-	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_MW121_S_170920	Normal	<0.01	<0.002	<0.05	-	-	<0.005	-	-	<0.001	0.01	<0.001	<0.001	-	-	-	-	-	-
	18 Oct 2017	0089_MW121_D_171018	Normal	<0.05	<0.002	<0.2	-	<0.002	<0.02	<0.01	-	<0.001	0.011	<0.001	<0.005	-	-	-	-	-	-
		0089_MW121_S_171018	Normal	<0.05	<0.002	-	-	-	-	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-
	16 Nov 2017	0089_MW121_D_171116	Normal	<0.1	-	-	<0.05	<0.002	-	-	-	<0.001	0.002	-	-	-	-	-	-	-	-
		0089_MW121_S_171116	Normal	<0.1	<0.002	<0.05	<0.05	<0.002	0.008	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	06 Dec 2017	0089_MW121_D_171206	Normal	-	<0.002	<0.05	<0.005	-	-	<0.01	-	-	0.006	-	<0.001	-	-	-	-	-	-
		0089_MW121_S_171206	Normal	-	<0.002	-	<0.005	<0.002	-	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	18 Jan 2018	0089_MW121_D_180118	Normal	<0.01	-	<0.05	<0.005	-	<0.005	-	-	<0.001	0.04	0.004	-	-	-	-	-	-	-
		0089_MW121_S_180118	Normal	<0.01	-	<0.05	<0.005	-	-	-	-	-	0.033	0.004	<0.001	-	-	-	-	-	-
	16 Dec 2019	0089_MW121_191216	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	0.1	-	<0.05	7.33	7.09	-	-	6.11	-
	30 Mar 2020	0089_MW121_200330	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	0.42	-	-	0.17	0.05	<0.05	-	-	-	-	-	-
	15 Jul 2020	0089_MW121_200715	Normal	-	-	<0.05	-	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	44.9	43.4	-	-	40.4	-
	21 Sep 2020	0089_MW121_200921	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	-	<0.05	-	<0.05	7.89	-	-	-	-	-
	14 Dec 2020	0089_MW121_201214	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.94	8.74	-	-	-	-
	16 Mar 2021	0089_MW121_210316	Normal	-	-	<0.05	-	-	<0.05	0.32	-	<0.05	-	<0.05	<0.05	56.2	52	-	-	47	-
	08 Jun 2021	0089_MW121_210608	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.06	<0.05	<0.05	16	15.3	-	-	13.4	-
	30 Aug 2021	0089_MW121_210830	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.05	-	91.3	-	-	87.9	-
	10 Jan 2022	0089_MW121_220110	Normal	<0.05	-	<0.05	-	-	<0.05	-	-	-	<0.05	<0.05	<0.05	0.39	0.39	-	-	0.33	-
	14 Mar 2022	0089_MW121_220314	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	-	0.6	-	-	-	0.49	-
		0089_QC102_220314	Field_D	<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	-	-	-	0.72	0.69	-	-	0.59	-
		0089_QC202_220314	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	-	-	<0.01	<0.01	<0.1	-	-	0.03	0.03	-
	07 Jun 2022	0089_MW121_220607	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	7.19	-	-	-	5.89	-
		0089_QC101_220607	Field_D	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	7.02	-	-	6.12	-
		0089_QC201_220607	Interlab_D	<0.004	<0.004	<0.008	<0.004	-	-	<0.004	<0.002	<0.008	-	<0.002	<0.004	-	-	-	-	4.9	-
	05 Sep 2022	0089_MW121_220905	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	0.23	-	-	-	-	-
	12 Dec 2022	0089_MW121_221212	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.24	0.24	-	-	-	-
	13 Mar 2023	0089_MW121_230313	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.46	-
	06 Jun 2023	0089_MW121_230606	Normal	<0.05	-	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	14.8	13.7	-	-	-	-
	05 Sep 2023	0089_MW121_230905	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	1.16	1.11	-	-	0.96	-
	12 Dec 2023	0089_MW121_231212	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.21	-	-	-	0.2	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	11 Mar 2024	0089_MW121_240311	Normal	0.05	<0.02	-	-	*4.62*	-	0.14	-	*5.87*	-	-	-	-	0.4	<0.02	*0.44*	0.15	-	<0.02	-	-
	29 May 2024	0089_MW121_240529	Normal	-	<0.02	-	0.18	-	-	-	-	*1.59*	-	<0.02	-	0.15	-	0.03	0.17	0.19	<0.05	-	<0.02	-
	16 Dec 2024	0089_MW121_241216	Normal	0.02	<0.02	<0.02	0.04	*0.92*	<0.02	<0.02	-	*0.28*	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	0.04	<0.02	<0.05	<0.02	<0.02	<0.05
				0.02	<0.02	-	-	-	<0.02	<0.02	<0.02	*0.28*	<0.1	<0.02	<0.02	<0.02	0.03	-	0.04	<0.02	-	-	<0.02	-
	21 Mar 2025	0089_MW121_250321	Normal	0.13	<0.02	<0.02	0.14	*8.34*	0.02	0.11	-	*1.32*	<0.1	<0.02	<0.02	0.13	0.35	0.02	0.16	0.19	<0.05	<0.02	<0.02	<0.05
				0.13	<0.02	-	0.14	*8.34*	0.02	-	<0.02	*1.32*	-	<0.02	-	-	0.35	0.02	0.16	0.19	<0.05	<0.02	<0.02	-
	06 Jun 2025	0089_MW121_250606	Normal	0.08	<0.02	0.02	0.13	*9.08*	<0.02	0.13	-	*1.99*	<0.1	<0.02	<0.02	0.12	0.34	<0.02	0.12	0.16	<0.05	<0.02	<0.02	<0.05
				0.08	-	-	0.13	-	<0.02	0.13	0.02	*1.99*	-	<0.02	<0.02	0.12	0.34	-	-	-	<0.05	-	-	-
	09 Jun 2025	0089_QC206_250609	Interlab_D	*2.5*	<0.01	<0.01	1.1	*3.5*	1.8	1.5	-	*9.2*	1.0	<0.01	<0.01	0.31	3.0	<0.01	*0.59*	0.83	<0.01	<0.01	<0.01	-
	19 Sep 2025	0089_MW121_250919	Normal	<0.02	<0.02	<0.02	<0.02	*0.43*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW123	08 Mar 2017	0089_MW123_S_170803	Normal	0.038	<0.002	-	-	-	-	0.029	-	*0.16*	0.01	<0.002	-	0.003	0.024	<0.001	0.005	0.009	<0.05	-	<0.002	-
	20 Sep 2017	0089_MW123_D_170920	Normal	0.045	-	-	0.002	*0.43*	-	0.036	-	-	0.02	-	<0.005	0.005	0.038	<0.001	0.005	0.01	-	<0.01	<0.002	-
		0089_MW123_S_170920	Normal	-	<0.002	-	0.002	-	-	-	-	*0.2*	0.01	-	<0.005	0.003	0.034	-	-	0.009	<0.05	-	-	-
	18 Oct 2017	0089_MW123_D_171018	Normal	-	<0.002	-	0.006	*0.56*	-	0.039	-	-	-	<0.002	-	0.005	-	<0.001	-	0.01	-	<0.05	<0.002	-
		0089_MW123_S_171018	Normal	0.039	<0.002	-	0.006	-	-	0.035	-	-	-	<0.002	<0.02	0.005	0.043	<0.001	-	0.01	<0.2	<0.05	-	-
	16 Nov 2017	0089_MW123_D_171116	Normal	-	<0.002	-	-	-	-	0.039	-	*0.24*	0.02	<0.002	-	-	-	-	0.007	0.02	-	<0.01	<0.002	-
		0089_MW123_S_171116	Normal	-	-	-	0.005	*0.32*	-	0.048	-	*0.23*	0.01	-	<0.005	0.005	0.04	-	0.005	0.02	<0.05	<0.01	<0.002	-
	06 Dec 2017	0089_MW123_D_171206	Normal	-	<0.002	-	0.01	-	-	0.043	-	*0.28*	-	<0.002	<0.005	0.007	-	<0.001	0.007	0.024	<0.05	-	<0.002	-
		0089_MW123_S_171206	Normal	0.044	<0.002	-	0.007	*0.26*	-	0.056	-	*0.24*	0.02	<0.002	-	-	0.05	<0.001	0.005	0.02	-	-	<0.002	-
	18 Jan 2018	0089_MW123_D_180118	Normal	0.051	-	-	0.02	*0.49*	-	0.071	-	*0.33*	0.026	-	<0.005	0.008	0.084	<0.001	0.012	0.02	<0.05	<0.01	<0.002	-
		0089_MW123_S_180118	Normal	-	<0.002	-	-	-	-	0.068	-	*0.29*	-	<0.002	-	-	0.082	-	0.012	0.02	<0.05	-	<0.002	-
	16 Dec 2019	0089_MW123_191216	Normal	0.06	-	-	<0.02	*0.22*	-	0.11	-	*1.09*	-	<0.02	<0.02	-	0.33	<0.02	-	0.12	<0.05	<0.02	-	-
		0089_QC101_191216	Field_D	-	-	-	<0.02	*0.18*	-	0.1	-	*1.13*	<0.1	-	<0.02	0.04	0.3	<0.02	-	-	<0.05	<0.02	<0.02	-
		0089_QC201_191216	Interlab_D	-	<0.01	-	<0.01[#1]	*0.1*[#1]	-	0.06[#1]	<0.01	*0.78*[#1]	-	-	<0.01	0.02	0.19	-	-	0.08	<0.01	<0.01	<0.01	-
	18 Dec 2019	0089_QC201_191218	Interlab_D	-	<0.01	-	<0.01	<0.01	<0.01	0.01[#1]	<0.01	-	<0.05	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	-
	14 Dec 2020	0089_MW123_201214	Normal	0.08	<0.02	-	<0.02	*0.04*	-	-	-	*0.17*	-	<0.02	<0.02	<0.02	0.3	-	-	0.08	<0.05	-	<0.02	-
	16 Mar 2021	0089_MW123_210316	Normal	0.11	<0.02	-	<0.02	*0.05*	-	0.08	-	-	<0.1	<0.02	-	-	0.47	<0.02	<0.01	-	<0.05	<0.02	-	-
		0089_QC108_210316	Field_D	0.11	-	-	<0.02	-	-	-	-	*0.49*	<0.1	<0.02	<0.02	-	0.48	<0.02	<0.01	0.13	-	<0.02	-	-
		0089_QC208_210316	Interlab_D	-	<0.01	-	<0.01	*0.03*[#1]	0.03	0.08[#1]	-	*0.44*[#1]	0.07	-	<0.01	0.03[#1]	0.38	-	<0.01	0.11	<0.01	<0.01	<0.01	-
	08 Jun 2021	0089_MW123_210608	Normal	-	<0.02	-	<0.02	*0.07*	-	-	-	-	<0.1	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	-
		0089_QC102_210608	Field_D	0.16	<0.02	-	<0.02	-	-	0.14	-	-	-	<0.02	<0.02	-	-	<0.02	<0.01	0.13	<0.05	-	<0.02	-
		0089_QC202_210608	Interlab_D	-	-	-	-	*0.04*[#1]	0.04	0.15[#1]	-	*0.6*[#1]	0.08	<0.01	<0.01	-	0.47	<0.01	<0.01	0.12	<0.01	<0.01	<0.01	-
	30 Aug 2021	0089_MW123_210830	Normal	-	<0.02	-	<0.02	*0.03*	-	0.08	-	*0.24*	-	-	<0.02	<0.02	0.25	<0.02	<0.01	-	-	<0.02	-	-
	10 Jan 2022	0089_MW123_220110	Normal	0.14	<0.02	-	-	*0.02*	-	0.09	-	-	-	<0.02	<0.02	<0.02	0.38	<0.02	<0.01	0.07	<0.05	<0.02	-	-
		0089_QC101_220110	Field_D	-	-	-	<0.02	*0.02*	-	-	-	-	<0.1	<0.02	-	<0.02	0.37	<0.02	-	0.07	<0.05	<0.02	-	-
		0089_QC201_220110	Interlab_D	0.09	<0.01	-	<0.01	*0.02*[#1]	0.03	-	-	-	<0.05	-	<0.01	<0.01	0.19	<0.01	<0.01	-	-	-	-	-
	14 Mar 2022	0089_MW123_220314	Normal	-	<0.02	-	-	-	-	0.22	-	*0.7*	-	-	-	-	-	<0.02	<0.01	0.17	<0.05	-	<0.02	-
	07 Jun 2022	0089_MW123_220607	Normal	0.2	<0.02	-	<0.02	*0.05*	-	0.18	-	-	<0.1	-	<0.02	0.03	-	<0.02	<0.01	0.12	<0.05	-	<0.02	-
	05 Sep 2022	0089_MW123_220905	Normal	0.1	<0.02	-	-	*0.04*	-	0.1	-	*0.24*	-	<0.02	<0.02	<0.02	0.19	<0.02	<0.01	0.04	-	-	<0.02	-
		0089_QC114_220905	Field_D	0.13	<0.02	-	-	*0.04*	-	0.13	-	*0.41*	<0.1	<0.02	-	-	0.26	<0.02	-	0.06	<0.05	<0.02	-	-
		0089_QC214_220905	Interlab_D	0.07	-	-	<0.01	*0.02*[#1]	0.02	0.06[#1]	-	-	-	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	0.03	-	<0.01	<0.01	-
	12 Dec 2022	0089_MW123_221212	Normal	0.08	<0.02	-	<0.02	*0.01*	-	-	-	*0.06*	-	-	<0.02	<0.02	0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
		0089_QC114_221212	Field_D	0.09	<0.02	-	-	*0.01*	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	<0.02	-	-	-	<0.02	-	-
		0089_QC214_221212	Interlab_D	-	-	-	<0.01	*0.01*[#1]	0.02	-	-	-	-	<0.01	-	<0.01	0.02[#1]	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	13 Mar 2023	0089_MW123_230313	Normal	-	-	-	<0.02	*0.03*	-	-	-	*2.24*	<0.1	<0.02	<0.02	-	0.31	-	<0.01	0.05	-	-	-	-
		0089_QC101_230313	Field_D	0.31	<0.02	-	-	-	-	-	-	*1.85*	<0.1	<0.02	<0.02	-	0.26	-	<0.01	-	<0.05	<0.02	<0.02	-
		0089_QC201_230313	Interlab_D	-	<0.01	-	-	*0.03*[#1]	0.08	-	<0.01	*2.1*[#1]	0.06	<0.01	-	0.02[#1]	0.28	<0.01	<0.01	-	<0.01	-	<0.01	-
	06 Jun 2023	0089_MW123_230606	Normal	0.25	-	-	-	*0.02*	-	0.19	-	*1.64*	-	-	<0.02	-	-	-	-	-	<0.05	-	<0.02	-
		0089_QC101_230606	Field_D	0.34	-	-	<0.02	-	-	-	-	-	<0.1	<0.02	-	0.03	0.34	-	<0.01	0.06	<0.05	<0.02	<0.02	-
		0089_QC201_230606	Interlab_D	-	<0.01	-	<0.01	-	0.07	0.26	-	*1.9*[#1]	<0.05	-	<0.01	0.03[#1]	-	<0.01	0.01[#1]	0.04	<0.01	<0.01	<0.01	-
	05 Sep 2023	0089_MW123_230905	Normal	-	<0.02	-	<0.02	-	-	-	-	*0.47*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC114_230905	Field_D	-	<0.02	-	-	*0.01*	-	-	-	*0.47*	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	<0.01	-	<0.05	-	<0.02	-
		0089_QC214_230905	Interlab_D	-	<0.01	-	-	*0.01*[#1]	0.02	-	<0.01	-	<0.05	-	<0.01	-	-	<0.01	-	-	-	<0.01	<0.01	-
	12 Dec 2023	0089_MW123_231212	Normal	0.5	-	-	0.91	*36.9*	-	1.63	-	-	-	-	<0.02	0.26	-	<0.02	*1.61*	-	<0.05	<0.02	<0.02	-
		0089_QC108_231212	Field_D	0.53	<0.02	-	-	-	-	1.75	-	*18.3*	-	<0.02	<0.02	0.27	1.94	-	*1.73*	-	<0.05	<0.02	-	-
		0089_QC208_231212	Interlab_D	0.47	-	-	-	*30*[#1]	-	-	0.06	*17*[#1]	0.1	<0.01	-	0.24[#1]	2.3[#1]	0.01	*0.42*[#1]	-	<0.01	<0.01	<0.01	-
	11 Mar 2024	0089_MW123_240311	Normal	0.26	<0.02	-	-	-	-	0.9	-	-	-	<0.02	<0.02	0.25	-	<0.02	*0.9*	-	-	<0.02	-	-
		0089_QC109_240311	Field_D	-	-	-	-	*21.8*	-	0.97	-	*15.8*	-	<0.02	-	0.25	1.67	-	*0.99*	-	<0.05	<0.02	<0.02	-
		0089_QC209_240311	Interlab_D	-	<0.01	-	0.9	*19*	0.06	-	-	*15*	-	<0.01	<0.01	0.27	1.5	0.01	*1*	0.27	<0.01	<0.01	<0.01	-
	29 May 2024	0089_MW123_240529	Normal	0.26	0.03	-	1.76	*19.6*	-	0.75	-	-	0.2	<0.02	<0.02	-	-	<0.02	-	-	<0.05	-	-	-
	16 Dec 2024	0089_MW123_241216	Normal	0.06	<0.02	<0.02	<0.02	*0.02*	<0.02	0.04	-	*0.59*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				0.06	<0.02	-	-	-	<0.02	0.04	<0.02	*0.59*	-	<0.02	<0.02	<0.02	0.09	-	-	-	<0.05	<0.02	<0.02	-
		0089_QC106_241216	Field_D	0.06	<0.02	<0.02	<0.02	*0.02*	<0.02	0.04	-	*0.47*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				0.06	-	-	<0.02	*0.02*	-	0.04	-	*0.47*	<0.1	-	<0.02	<0.02	0.07	<0.02	-	-	<0.05	<0.02	-	-
		0089_QC206_241216	Interlab_D	0.06	<0.01	<0.01	<0.01	*0.02*[#1]	0.01	0.04[#1]	-	*0.73*[#1]	<0.05	<0.01	<0.01	<0.05	0.08	<0.01	0.02[#1]	0.02	<0.01	<0.01	<0.01	-
				-	<0.01	-	<0.01	-	-	-	<0.01	*0.73*[#1]	<0.05	<0.01	-	<0.05	0.08	<0.01	0.02[#1]	0.02	-	<0.01	-	-
	21 Mar 2025	0089_MW123_250321	Normal	0.22	<0.02	<0.02	0.03	*0.05*	0.03	0.18	-	*1.04*	<0.1	<0.02	<0.02	0.04	0.23	<0.02	0.08	0.06	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	*0.05*	0.03	-	-	-	<0.1	<0.02	<0.02	0.04	0.23	-	0.08	0.06	<0.05	<0.02	<0.02	<0.05
		0089_QC116_250321	Field_D	0.22	<0.02	<0.02	0.04	*0.06*	0.03	0.21	-	*1.07*	<0.1	<0.02	<0.02	0.05	0.22	<0.02	0.06	0.07	<0.05	<0.02	<0.02	<0.05
		0089_QC216_250321	Interlab_D	0.27	<0.01	<0.01	0.04[#1]	*0.07*[#1]	0.04	0.21[#1]	-	*1.2*[#1]	0.06	<0.01	<0.01	0.05[#1]	0.23	<0.01	0.09[#1]	0.07	<0.01	<0.01	<0.01	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	11 Mar 2024	0089_MW121_240311	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	11.7	-	-	10.5	-
	29 May 2024	0089_MW121_240529	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	0.12	<0.05	-	22.7	-	-	-	21.1	-
	16 Dec 2024	0089_MW121_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.33	-	1.29	-	1.20	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	1.33	1.29	-	-	1.2	-
	21 Mar 2025	0089_MW121_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.06	<0.05	<0.05	11.0	-	10.7	-	9.66	-
				-	-	<0.05	<0.05	-	-	<0.02	-	<0.05	0.06	-	<0.05	11	10.7	-	-	9.66	-
	06 Jun 2025	0089_MW121_250606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.2	-	11.9	-	11.1	-
				<0.05	-	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.2	-	-	-	-	-
	09 Jun 2025	0089_QC206_250609	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	25.33	-	20.93	4.09	12.7	13.29
	19 Sep 2025	0089_MW121_250919	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.48	-	0.48	-	0.48	-
0089_MW123	08 Mar 2017	0089_MW123_S_170803	Normal	<0.01	<0.002	-	<0.005	-	<0.005	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	20 Sep 2017	0089_MW123_D_170920	Normal	<0.01	<0.002	-	-	<0.002	<0.005	-	-	-	<0.001	-	-	-	-	-	-	-	-
		0089_MW123_S_170920	Normal	-	<0.002	-	-	-	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	18 Oct 2017	0089_MW123_D_171018	Normal	<0.05	-	-	<0.02	<0.002	<0.02	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW123_S_171018	Normal	<0.05	<0.002	-	<0.02	<0.002	-	<0.01	-	-	-	<0.001	<0.005	-	-	-	-	-	-
	16 Nov 2017	0089_MW123_D_171116	Normal	-	<0.002	-	<0.05	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW123_S_171116	Normal	<0.1	-	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	06 Dec 2017	0089_MW123_D_171206	Normal	-	-	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-
		0089_MW123_S_171206	Normal	<0.01	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Jan 2018	0089_MW123_D_180118	Normal	<0.01	<0.002	-	<0.005	-	-	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW123_S_180118	Normal	-	-	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	16 Dec 2019	0089_MW123_191216	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
		0089_QC101_191216	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	-	-	-	1.31	-
		0089_QC201_191216	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	-	-	-	1.22	-	-	0.88	-
	18 Dec 2019	0089_QC201_191218	Interlab_D	<0.05	-	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	-	<0.01	0.1	0.09	-	-	0.09	0.09
	14 Dec 2020	0089_MW123_201214	Normal	-	-	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.72	0.67	-	-	0.21	-
	16 Mar 2021	0089_MW123_210316	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	1.35	1.27	-	-	-	-
		0089_QC108_210316	Field_D	-	<0.02	-	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	1.39	-	-	-	0.55	-
		0089_QC208_210316	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	-	1.14	-	-	0.47	-
	08 Jun 2021	0089_MW123_210608	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	1.82	-	-	-	-	-
		0089_QC102_210608	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	1.62	1.48	-	-	-	-
		0089_QC202_210608	Interlab_D	-	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.01	<0.01	-	1.47	-	0.04	0.64	0.64
	30 Aug 2021	0089_MW123_210830	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	0.65	-	-	0.27	-
	10 Jan 2022	0089_MW123_220110	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	1.03	0.94	-	-	0.35	-
		0089_QC101_220110	Field_D	-	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	-	<0.05	-	0.9	-	-	-	-
		0089_QC201_220110	Interlab_D	-	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.01	-	-	0.53	-	0.02	0.2	0.2
	14 Mar 2022	0089_MW123_220314	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	07 Jun 2022	0089_MW123_220607	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	1.61	-	-	-	0.62	-
	05 Sep 2022	0089_MW123_220905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.71	0.61	-	-	0.28	-
		0089_QC114_220905	Field_D	-	-	-	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	1.03	-	-	-	0.45	-
		0089_QC214_220905	Interlab_D	-	-	-	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	0.49	0.41	-	0.02	-	0.21
	12 Dec 2022	0089_MW123_221212	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	-	<0.05	<0.05	-	0.17	-	-	-	-
		0089_QC114_221212	Field_D	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.18	0.18	-	-	0.07	-
		0089_QC214_221212	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.18	-	-	0.01	0.06	-
	13 Mar 2023	0089_MW123_230313	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	3.25	2.97	-	-	2.27	-
		0089_QC101_230313	Field_D	-	-	<0.05	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	2.8	2.52	-	-	-	-
		0089_QC201_230313	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	-	-	<0.01	-	-	<0.01	3.28	-	-	0.03	2.13	-
	06 Jun 2023	0089_MW123_230606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	2.17	-	-	-	-
		0089_QC101_230606	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	-	<0.05	3.45	3.15	-	-	2.38	-
		0089_QC201_230606	Interlab_D	-	-	-	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	-	-	2.48	-	0.02	1.91	1.92
	05 Sep 2023	0089_MW123_230905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.7	-	-	-	0.48	-
		0089_QC114_230905	Field_D	<0.05	-	-	-	<0.02	<0.05	-	-	-	<0.05	-	<0.05	0.7	0.64	-	-	-	-
		0089_QC214_230905	Interlab_D	-	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	0.8	-	-	0.01	0.58	0.58
	12 Dec 2023	0089_MW123_231212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	-	-	63.2	60.6	-	-	55.9	-
		0089_QC108_231212	Field_D	-	<0.02	-	<0.05	<0.02	<0.05	0.11	-	<0.05	-	<0.05	-	-	-	-	-	58.3	-
		0089_QC208_231212	Interlab_D	-	-	-	-	<0.05	<0.05	-	-	<0.01	<0.05	-	-	-	-	-	30.42	47	47.42
	11 Mar 2024	0089_MW123_240311	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	0.13	<0.05	<0.05	-	38.1	-	-	-	-
		0089_QC109_240311	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	0.14	-	-	0.13	<0.05	-	43.6	-	-	-	37.6	-
		0089_QC209_240311	Interlab_D	-	<0.05	-	<0.05	<0.05	-	-	-	<0.01	0.13	0.02	<0.01	-	-	-	20	34	35
	29 May 2024	0089_MW123_240529	Normal	-	-	<0.05	<0.05	<0.02	<0.05	0.21	-	<0.05	-	-	-	-	38.4	-	-	-	-
	16 Dec 2024	0089_MW123_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.81	-	0.77	-	0.61	-
				<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	0.77	-	-	0.61	-
		0089_QC106_241216	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.67	-	0.63	-	0.49	-
				-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.67	-	-	-	0.49	-
		0089_QC206_241216	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.98	-	0.93	0.04	0.75	0.77
				<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	-	<0.05	-	<0.01	-	0.93	-	0.04	0.75	-
	21 Mar 2025	0089_MW123_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.96	-	1.72	-	1.09	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.96	-	-	-	1.09	-
		0089_QC116_250321	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.03	-	1.75	-	1.13	-
		0089_QC216_250321	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	2.33	-	2.04	0.16	1.27	1.36

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	06 Jun 2025	0089_MW123_250606	Normal	0.06	<0.02	<0.02	<0.02	*0.07*	<0.02	0.07	-	*0.48*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.03	<0.02	<0.05	<0.02	<0.02	<0.05
				0.06	<0.02	-	-	*0.07*	-	0.07	<0.02	*0.48*	<0.1	<0.02	<0.02	-	-	-	0.03	-	-	<0.02	<0.02	<0.05
	19 Sep 2025	0089_MW123_250919	Normal	0.11	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW124	08 Mar 2017	0089_MW124_S_170803	Normal	0.003	<0.002	-	-	-	-	0.001	-	0.006	0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	-	-	<0.01	<0.002	-
	20 Sep 2017	0089_MW124_D_170920	Normal	-	<0.002	-	<0.001	*0.008*	-	0.002	-	-	-	-	<0.005	<0.001	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW124_S_170920	Normal	-	<0.002	-	-	-	-	-	-	-	<0.002	<0.002	<0.005	<0.001	0.001	<0.001	<0.001	<0.002	-	-	-	-
	18 Oct 2017	0089_MW124_D_171018	Normal	<0.001	<0.002	-	-	-	-	0.001	-	0.004	0.002	<0.002	-	<0.001	-	<0.001	<0.001	-	-	-	-	-
		0089_MW124_S_171018	Normal	0.002	<0.002	-	<0.001	*0.017*	-	-	-	0.003	-	-	-	-	-	-	0.004	<0.002	<0.2	<0.05	-	-
	16 Nov 2017	0089_MW124_D_171116	Normal	0.004	<0.002	-	<0.001	-	-	0.003	-	0.003	<0.002	<0.002	<0.005	<0.001	-	<0.001	<0.001	-	-	<0.01	<0.002	-
		0089_MW124_S_171116	Normal	0.004	<0.002	-	<0.001	*0.008*	-	0.002	-	-	-	-	<0.005	-	-	-	-	<0.002	<0.05	<0.01	-	-
	06 Dec 2017	0089_MW124_D_171206	Normal	0.004	-	-	<0.001	-	-	0.002	-	0.004	-	<0.002	<0.005	-	0.001	<0.001	-	<0.002	<0.05	<0.01	-	-
		0089_MW124_S_171206	Normal	0.003	-	-	<0.001	-	-	-	-	0.005	-	<0.002	-	<0.001	0.001	-	<0.001	<0.002	-	<0.01	-	-
	18 Jan 2018	0089_MW124_D_180118	Normal	-	-	-	<0.001	0.005	-	0.001	-	-	-	<0.002	<0.005	<0.001	0.002	<0.001	-	<0.002	<0.05	<0.01	<0.002	-
		0089_MW124_S_180118	Normal	-	<0.002	-	<0.001	-	-	0.001	-	0.006	0.02	-	<0.005	-	0.002	-	-	<0.002	<0.05	<0.01	-	-
	09 Jan 2020	0089_MW124_200109	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	-	-	-	<0.02	-	-	-	-	-	<0.02	<0.02	-
		0089_QC101_200109	Field_D	-	-	-	<0.02	-	-	<0.02	-	-	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	-	-	-
		0089_QC201_200109	Interlab_D	<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	-	-
	30 Mar 2020	0089_MW124_200330	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	15 Jul 2020	0089_MW124_200715	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	22 Sep 2020	0089_MW124_200922	Normal	-	-	-	<0.02	*0.01*	-	<0.02	-	<0.02	<0.1	-	-	-	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	14 Dec 2020	0089_MW124_201214	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	15 Mar 2021	0089_MW124_210315	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	-	-
	08 Jun 2021	0089_MW124_210608	Normal	0.12	<0.02	-	-	*0.17*	-	0.26	-	*1.57*	-	<0.02	-	-	0.42	<0.02	-	0.07	-	<0.02	-	-
	30 Aug 2021	0089_MW124_210830	Normal	-	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	-	-	-	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW124_220110	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	-	-
	14 Mar 2022	0089_MW124_220314	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	07 Jun 2022	0089_MW124_220607	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	<0.02	<0.02	-	-	<0.02	-	-	<0.02	-
	05 Sep 2022	0089_MW124_220905	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	-
		0089_QC102_220905	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	-	-	<0.02	-	-
		0089_QC202_220905	Interlab_D	<0.01	<0.01	-	<0.01	*0.02*[#1]	-	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	-	-	<0.01	-	-	<0.01	<0.01	-
	12 Dec 2022	0089_MW124_221212	Normal	-	-	-	-	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	-	<0.02	-
	13 Mar 2023	0089_MW124_230313	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.02	-
	07 Jun 2023	0089_MW124_230607	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
	05 Sep 2023	0089_MW124_230905	Normal	-	-	-	<0.02	-	-	-	-	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-	-	-
	11 Dec 2023	0089_MW124_231211	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	11 Mar 2024	0089_MW124_240311	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	29 May 2024	0089_MW124_240529	Normal	0.02	-	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	-	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	18 Dec 2024	0089_MW124_241218	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<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	<0.02	-
	21 Mar 2025	0089_MW124_250321	Normal	0.07	<0.02	<0.02	<0.02	<0.01	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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	0.02	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.02	<0.05
		0089_QC119_250321	Field_D	0.07	<0.02	<0.02	<0.02	<0.01	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	<0.02	<0.05
		0089_QC219_250321	Interlab_D	0.33	<0.01	<0.01	<0.01	*0.02*[#1]	0.14	0.05[#1]	-	*0.05*[#1]	<0.05	<0.01	<0.01	<0.05	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	06 Jun 2025	0089_MW124_250606	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	-	<0.02	-	-	0.01	<0.1	<0.02	-	<0.02	<0.02	-	-	-	<0.05	<0.02	<0.02	<0.05
	19 Sep 2025	0089_MW124_250919	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<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	<0.02	<0.05
		0089_QC115_250919	Field_D	<0.02	<0.02	<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	<0.02	<0.05
		0089_QC215_250919	Interlab_D	<0.01	<0.01	<0.01	<0.01	*0.03*	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_MW125	08 Mar 2017	0089_MW125_S_170803	Normal	-	-	-	<0.001	*0.011*	-	0.074	-	*0.24*	0.008	-	<0.005	-	0.041	-	-	0.006	-	-	<0.002	-
	20 Sep 2017	0089_MW125_D_170920	Normal	0.087	-	-	<0.001	0.005	-	0.12	-	*0.32*	0.01	-	-	-	0.05	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW125_S_170920	Normal	0.077	-	-	<0.001	-	-	0.11	-	*0.3*	0.01	<0.002	-	-	0.046	<0.001	0.001	-	<0.05	<0.01	<0.002	-
	18 Oct 2017	0089_MW125_D_171018	Normal	0.042	<0.002	-	<0.001	*0.011*	-	0.058	-	*0.21*	0.007	-	-	0.001	0.032	<0.001	<0.001	0.005	-	-	-	-
		0089_MW125_S_171018	Normal	-	<0.002	-	<0.001	-	-	-	-	*0.16*	0.006	<0.002	<0.02	0.001	-	-	<0.001	0.004	<0.2	-	<0.002	-
		0089_QC1MW_171018	Field_D	0.048	<0.002	-	<0.001	-	-	-	-	-	0.008	<0.002	<0.02	0.001	0.033	<0.001	0.003	0.005	<0.2	-	<0.002	-
		0089_QC2MW_171018	Interlab_D	0.04	<0.01	-	-	<0.01	-	0.05	-	-	-	<0.01	<0.01	<0.01	0.04[#1]	<0.01	-	<0.01	-	-	<0.01	-
	16 Nov 2017	0089_MW125_D_171116	Normal	0.096	-	-	-	0.001	-	0.12	-	-	-	-	<0.005	-	-	<0.001	0.001	0.008	<0.05	<0.01	-	-
		0089_MW125_S_171116	Normal	-	-	-	<0.001	-	-	0.11	-	-	-	<0.002	<0.005	-	-	<0.001	-	0.008	-	<0.01	<0.002	-
	06 Dec 2017	0089_MW125_D_171206	Normal	-	-	-	<0.001	0.006	-	0.089	-	*0.2*	0.008	<0.002	<0.005	-	0.04	<0.001	-	0.006	<0.05	<0.01	<0.002	-
		0089_MW125_S_171206	Normal	-	<0.002	-	<0.001	0.007	-	0.071	-	*0.2*	0.008	-	<0.005	0.002	0.038	<0.001	-	0.006	<0.05	<0.01	-	-
	18 Jan 2018	0089_MW125_D_180118	Normal	-	<0.002	-	<0.001	*0.013*	-	0.08	-	*0.28*	-	<0.002	<0.005	0.002	0.053	-	0.001	0.007	<0.05	-	-	-
		0089_MW125_S_180118	Normal	0.04	<0.002	-	-	0.007	-	-	-	*0.26*	0.01	<0.002	-	0.003	0.046	-	0.001	-	<0.05	<0.01	<0.002	-
		0089_QC1MW_180118	Field_D	0.043	<0.002	-	<0.001	*0.008*	-	-	-	*0.27*	0.01	<0.002	<0.005	0.003	-	-	0.001	0.006	<0.05	-	<0.002	-
		0089_QC2MW_180118	Interlab_D	0.03	<0.01	-	<0.01	<0.01[#1]	-	-	-	-	<0.05	<0.01	<0.01	-	-	-	-	-	-	-	-	-
				0.03	<0.01	-	<0.01	-	-	-	-	*0.15*[#1]	-	<0.01	-	<0.01[#1]	0.03[#1]	-	-	<0.01[#1]	-	<0.01	<0.01	-
	09 Jan 2020	0089_MW125_200109	Normal	0.1	<0.02	-	-	<0.01	-	0.15	-	-	<0.1	<0.02	<0.02	-	0.12	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW125_200330	Normal	0.08	<0.02	-	<0.02	-	-	0.07	-	*0.4*	-	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
	15 Jul 2020	0089_MW125_200715	Normal	-	-	-	<0.02	*0.01*	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	-	-
	22 Sep 2020	0089_MW125_200922	Normal	0.05	<0.02	-	<0.02	*0.04*	-	-	-	-	<0.1	-	<0.02	<0.02	0.04	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	14 Dec 2020	0089_MW125_201214	Normal	-	<0.02	-	<0.02	<0.01	-	0.08	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-
	15 Mar 2021	0089_MW125_210315	Normal	0.14	-	-	-	<0.01	-	0.12	-	*0.43*	<0.1	<0.02	<0.02	<0.02	0.11	-	-	0.02	<0.05	<0.02	-	-
	08 Jun 2021	0089_MW125_210608	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	-	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	06 Jun 2025	0089_MW123_250606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.78	-	0.71	-	0.55	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.78	0.71	-	-	0.55	-
	19 Sep 2025	0089_MW123_250919	Normal	<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	-	0.04	-
0089_MW124	08 Mar 2017	0089_MW124_S_170803	Normal	-	-	<0.05	<0.005	-	<0.005	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	20 Sep 2017	0089_MW124_D_170920	Normal	<0.01	-	<0.05	-	-	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW124_S_170920	Normal	-	<0.002	-	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Oct 2017	0089_MW124_D_171018	Normal	-	<0.002	<0.2	<0.02	<0.002	<0.02	-	-	<0.001	-	-	<0.005	-	-	-	-	-	-
		0089_MW124_S_171018	Normal	-	<0.002	<0.2	-	<0.002	<0.02	<0.01	-	-	-	-	-	-	-	-	-	-	-
	16 Nov 2017	0089_MW124_D_171116	Normal	<0.1	<0.002	-	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW124_S_171116	Normal	-	-	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	06 Dec 2017	0089_MW124_D_171206	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW124_S_171206	Normal	<0.01	<0.002	<0.05	<0.005	-	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Jan 2018	0089_MW124_D_180118	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW124_S_180118	Normal	-	-	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	09 Jan 2020	0089_MW124_200109	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC101_200109	Field_D	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC201_200109	Interlab_D	-	<0.05	-	<0.05	<0.05	<0.05	-	-	-	-	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	30 Mar 2020	0089_MW124_200330	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	15 Jul 2020	0089_MW124_200715	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	-	-	-	-	<0.01	-
	22 Sep 2020	0089_MW124_200922	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	-	-	-	0.01	-
	14 Dec 2020	0089_MW124_201214	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	15 Mar 2021	0089_MW124_210315	Normal	-	<0.02	-	-	<0.02	-	<0.02	-	-	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	08 Jun 2021	0089_MW124_210608	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	2.72	2.43	-	-	-	-
	30 Aug 2021	0089_MW124_210830	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	10 Jan 2022	0089_MW124_220110	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	<0.01	-	-	-	-	-
	14 Mar 2022	0089_MW124_220314	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	-	-	-	0.01	-	-	-	-
	07 Jun 2022	0089_MW124_220607	Normal	-	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	05 Sep 2022	0089_MW124_220905	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC102_220905	Field_D	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	-	<0.01	-	-	-	<0.01	-
		0089_QC202_220905	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	-	-	0.02	-	-
	12 Dec 2022	0089_MW124_221212	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	13 Mar 2023	0089_MW124_230313	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	-	<0.05	-	<0.05	0.03	0.03	-	-	<0.01	-
	07 Jun 2023	0089_MW124_230607	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	05 Sep 2023	0089_MW124_230905	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	11 Dec 2023	0089_MW124_231211	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	11 Mar 2024	0089_MW124_240311	Normal	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	-	-
	29 May 2024	0089_MW124_240529	Normal	-	<0.02	<0.05	-	-	<0.05	-	-	-	<0.05	<0.05	<0.05	-	0.02	-	-	<0.01	-
	18 Dec 2024	0089_MW124_241218	Normal	<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	-
				-	-	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	21 Mar 2025	0089_MW124_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	-	0.07	-	<0.01	-
				-	<0.02	-	-	-	-	<0.02	-	<0.05	-	<0.05	<0.05	-	0.07	-	-	<0.01	-
		0089_QC119_250321	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	-	0.07	-	<0.01	-
		0089_QC219_250321	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.62	-	0.43	0.02	0.07	0.07
	06 Jun 2025	0089_MW124_250606	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	0.01	-	-	-	-
	19 Sep 2025	0089_MW124_250919	Normal	<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	-
		0089_QC115_250919	Field_D	<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	-
		0089_QC215_250919	Interlab_D	<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
0089_MW125	08 Mar 2017	0089_MW125_S_170803	Normal	<0.01	-	-	-	<0.002	-	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	20 Sep 2017	0089_MW125_D_170920	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW125_S_170920	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Oct 2017	0089_MW125_D_171018	Normal	<0.05	<0.002	-	<0.02	-	<0.02	<0.01	-	-	-	-	-	-	-	-	-	-	-
		0089_MW125_S_171018	Normal	<0.05	<0.002	-	-	<0.002	<0.02	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-
		0089_QC1MW_171018	Field_D	-	-	-	<0.02	-	-	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_QC2MW_171018	Interlab_D	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	0.4	0.35	-	-	-	-
	16 Nov 2017	0089_MW125_D_171116	Normal	<0.1	-	<0.05	<0.05	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW125_S_171116	Normal	-	<0.002	<0.05	<0.05	<0.002	-	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
	06 Dec 2017	0089_MW125_D_171206	Normal	<0.01	<0.002	<0.05	-	<0.002	-	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW125_S_171206	Normal	-	-	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	18 Jan 2018	0089_MW125_D_180118	Normal	-	-	<0.05	-	<0.002	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW125_S_180118	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	-	<0.001	-	-	-	-	-	-	-
		0089_QC1MW_180118	Field_D	<0.01	-	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_180118	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	-	-	-	-	-
				-	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	0.26	-	-	-	0.15	-
	09 Jan 2020	0089_MW125_200109	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	1.03	0.88	-	-	0.66	-
	30 Mar 2020	0089_MW125_200330	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	0.66	-	-	-	0.44	-
	15 Jul 2020	0089_MW125_200715	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	-	-	-	0.01	-	-	-	-
	22 Sep 2020	0089_MW125_200922	Normal	-	-	-	<0.05	-	<0.05	<0.02	-	<0.05	-	-	<0.05	-	-	-	-	0.25	-
	14 Dec 2020	0089_MW125_201214	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	-	-	<0.05	<0.05	0.63	-	-	-	-	-
	15 Mar 2021	0089_MW125_210315	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	-	-	<0.05	-	-	0.7	-	-	-	-
	08 Jun 2021	0089_MW125_210608	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.04	-	-	0.04	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	30 Aug 2021	0089_MW125_210830	Normal	0.06	-	-	-	*0.02*	-	0.07	-	*0.26*	<0.1	<0.02	-	-	-	<0.02	-	-	<0.05	<0.02	-	-
		0089_QC101_210830	Field_D	0.06	<0.02	-	-	*0.02*	-	0.07	-	-	<0.1	-	<0.02	<0.02	0.05	<0.02	<0.01	<0.02	<0.05	-	-	-
		0089_QC201_210830	Interlab_D	-	-	-	<0.01	-	-	-	-	*0.25*[#1]	<0.05	<0.01	-	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	-	-	-
	10 Jan 2022	0089_MW125_220110	Normal	0.2	-	-	-	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	0.2	<0.02	<0.01	0.02	<0.05	-	-	-
	14 Mar 2022	0089_MW125_220314	Normal	0.17	-	-	<0.02	<0.01	-	0.18	-	*0.72*	-	<0.02	-	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
		0089_QC103_220314	Field_D	-	<0.02	-	<0.02	-	-	0.19	-	-	<0.1	<0.02	-	-	-	<0.02	<0.01	-	-	-	<0.02	-
		0089_QC203_220314	Interlab_D	0.14	-	-	-	<0.01	0.05	0.14[#1]	<0.01	*0.66*[#1]	-	<0.01	<0.01	<0.01	0.15[#1]	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	-
	07 Jun 2022	0089_MW125_220607	Normal	-	<0.02	-	<0.02	-	-	-	-	-	<0.1	-	<0.02	-	-	-	-	0.04	<0.05	<0.02	<0.02	-
	05 Sep 2022	0089_MW125_220905	Normal	-	-	-	-	-	-	0.12	-	-	<0.1	-	<0.02	-	-	-	-	0.03	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW125_221212	Normal	0.19	<0.02	-	-	-	-	0.19	-	*0.69*	-	<0.02	<0.02	-	-	<0.02	<0.01	0.04	-	<0.02	-	-
		0089_QC103_221212	Field_D	-	-	-	-	-	-	-	-	-	<0.1	<0.02	-	-	0.15	<0.02	-	-	<0.05	-	<0.02	-
		0089_QC203_221212	Interlab_D	0.15	<0.01	-	-	-	-	0.15[#1]	<0.01	-	<0.05	-	<0.01	0.01[#1]	0.21[#1]	-	-	0.03	<0.01	-	-	-
	13 Mar 2023	0089_MW125_230313	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	-	0.23	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	07 Jun 2023	0089_MW125_230607	Normal	-	<0.02	-	-	<0.01	-	0.31	-	*0.84*	<0.1	<0.02	-	<0.02	0.24	-	<0.01	0.04	-	-	<0.02	-
	05 Sep 2023	0089_MW125_230905	Normal	0.1	-	-	<0.02	-	-	-	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	-	-	<0.02	<0.02	-
	11 Dec 2023	0089_MW125_231211	Normal	-	<0.02	-	-	-	-	-	-	*0.33*	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	11 Mar 2024	0089_MW125_240311	Normal	0.13	-	-	-	-	-	0.17	-	*0.43*	<0.1	-	-	<0.02	0.12	<0.02	<0.01	-	<0.05	<0.02	-	-
	29 May 2024	0089_MW125_240529	Normal	0.15	-	-	<0.02	<0.01	-	-	-	-	-	-	<0.02	<0.02	-	-	<0.01	0.02	<0.05	<0.02	-	-
	18 Dec 2024	0089_MW125_241218	Normal	0.08	<0.02	<0.02	<0.02	<0.01	0.02	0.08	-	*0.30*	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				0.08	<0.02	-	-	<0.01	0.02	0.08	<0.02	*0.3*	-	-	<0.02	<0.02	0.1	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	19 Mar 2025	0089_MW125_250319	Normal	0.31	<0.02	<0.02	<0.02	<0.01	0.10	0.31	-	*1.14*	<0.1	<0.02	<0.02	<0.02	0.37	<0.02	<0.01	0.06	<0.05	<0.02	<0.02	<0.05
				0.31	-	-	<0.02	-	0.1	0.31	<0.02	*1.14*	<0.1	<0.02	<0.02	<0.02	0.37	-	<0.01	-	<0.05	<0.02	<0.02	-
	06 Jun 2025	0089_MW125_250606	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<0.02	0.02	-	*0.15*	<0.1	<0.02	<0.02	<0.02	0.05	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	-	*0.01*	<0.02	0.02	<0.02	-	-	-	<0.02	<0.02	0.05	<0.02	-	<0.02	<0.05	-	-	-
	09 Sep 2025	0089_MW125_250909	Normal	0.06	<0.02	<0.02	<0.02	*0.04*	<0.02	0.07	-	*0.28*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				0.06	<0.02	-	<0.02	-	<0.02	-	-	*0.28*	-	<0.02	<0.02	-	0.07	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
0089_MW126	08 Mar 2017	0089_MW126_S_170803	Normal	0.001	-	-	<0.001	-	-	0.001	-	0.007	-	<0.002	<0.005	-	0.001	<0.001	-	<0.002	<0.05	<0.01	<0.002	-
	20 Sep 2017	0089_MW126_D_170920	Normal	-	<0.002	-	<0.001	0.005	-	<0.001	-	-	<0.002	<0.002	-	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
		0089_MW126_S_170920	Normal	<0.001	<0.002	-	-	0.005	-	<0.001	-	0.002	<0.002	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	-	<0.01	-	-
	18 Oct 2017	0089_MW126_D_171018	Normal	-	<0.002	-	<0.001	-	-	-	-	0.005	<0.002	<0.002	<0.02	<0.001	<0.001	<0.001	<0.001	<0.002	-	<0.05	-	-
		0089_MW126_S_171018	Normal	0.002	<0.002	-	<0.001	-	-	0.002	-	0.012	0.003	-	<0.02	<0.001	0.001	<0.001	<0.001	<0.002	-	-	-	-
	16 Nov 2017	0089_MW126_D_171116	Normal	-	<0.002	-	-	*0.009*	-	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-
		0089_MW126_S_171116	Normal	<0.001	-	-	-	0.006	-	-	-	0.003	-	<0.002	<0.005	-	<0.001	-	-	-	-	<0.01	<0.002	-
	06 Dec 2017	0089_MW126_D_171206	Normal	<0.001	-	-	<0.001	-	-	-	-	-	-	<0.002	-	<0.001	-	-	-	-	-	<0.01	<0.002	-
		0089_MW126_S_171206	Normal	0.001	<0.002	-	<0.001	0.005	-	<0.001	-	0.006	-	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	-	<0.01	<0.002	-
	18 Jan 2018	0089_MW126_D_180118	Normal	<0.001	-	-	<0.001	0.004	-	<0.001	-	0.004	0.002	-	-	-	-	-	<0.001	<0.002	-	<0.01	-	-
		0089_MW126_S_180118	Normal	-	<0.002	-	<0.001	-	-	<0.001	-	-	-	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	08 Jan 2020	0089_MW126_200108	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	31 Mar 2020	0089_MW126_200331	Normal	-	<0.02	-	<0.02	-	-	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	15 Jul 2020	0089_MW126_200715	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	22 Sep 2020	0089_MW126_200922	Normal	<0.02	-	-	-	*0.02*	-	-	-	0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	14 Dec 2020	0089_MW126_201214	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	-	<0.02	-	<0.02	-	-	<0.02	<0.05	-	-	-
	15 Mar 2021	0089_MW126_210315	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	08 Jun 2021	0089_MW126_210608	Normal	0.11	-	-	<0.02	*0.02*	-	0.1	-	-	<0.1	-	<0.02	<0.02	-	-	-	-	<0.05	<0.02	<0.02	-
	30 Aug 2021	0089_MW126_210830	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW126_220110	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	-	-
	14 Mar 2022	0089_MW126_220314	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	07 Jun 2022	0089_MW126_220607	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	-	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	05 Sep 2022	0089_MW126_220905	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	-	-	<0.02	-
	12 Dec 2022	0089_MW126_221212	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	-	-	-
	13 Mar 2023	0089_MW126_230313	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	-	<0.02	-	-	-	-	-	-	-	-	-
		0089_QC110_230313	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC210_230313	Interlab_D	-	<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	-
	07 Jun 2023	0089_MW126_230607	Normal	-	-	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.02	-	-
	05 Sep 2023	0089_MW126_230905	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	11 Dec 2023	0089_MW126_231211	Normal	<0.02	-	-	-	<0.01	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	11 Mar 2024	0089_MW126_240311	Normal	-	<0.02	-	<0.02	-	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	29 May 2024	0089_MW126_240529	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	18 Dec 2024	0089_MW126_241218	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	21 Mar 2025	0089_MW126_250321	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	-	<0.05
		0089_QC120_250321	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC220_250321	Interlab_D	<0.01	<0.01	<0.01	<0.01	*0.02*[#1]	<0.01	<0.01	-	*0.04*[#1]	<0.05	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	06 Jun 2025	0089_MW126_250606	Normal	<0.02	<0.02	<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	<0.02	<0.05
				-	<0.02	-	-	*0.02*	<0.02	<0.02	<0.02	0.02	-	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.05	<0.02	<0.02	<0.05
	09 Sep 2025	0089_MW126_250909	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	-	-	-	<0.02	<0.01	-	-	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW127	08 Mar 2017	0089_MW127_S_170803	Normal	-	-	-	<0.001	-	-	-	-	-	<0.002	<0.002	<0.005	<0.001	-	<0.001	-	-	<0.05	<0.01	-	-
		0089_QC1MW_S_170803	Field_D	<0.001	<0.002	-	<0.001	0.005	-	<0.001	-	0.004	<0.002	<0.002	<0.005	-	<0.001	-	<0.001	<0.002	-	<0.01	<0.002	-
	04 Aug 2017	0089_QC2MW_170803	Interlab_D	<0.01	-	-	<0.01	-	-	<0.01	-	<0.01	-	-	<0.01	<0.01	-	<0.01	-	-	-	<0.01	<0.01	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	30 Aug 2021	0089_MW125_210830	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	<0.05	-	-	0.46	0.39	-	-	0.28	-
		0089_QC101_210830	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	0.46	-	-	-	-	-
		0089_QC201_210830	Interlab_D	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.01	<0.05	-	<0.01	0.43	0.36	-	0.02	-	-
	10 Jan 2022	0089_MW125_220110	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.63	-
	14 Mar 2022	0089_MW125_220314	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.32	1.14	-	-	-	-
		0089_QC103_220314	Field_D	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	-	<0.05	1.41	-	-	-	0.79	-
		0089_QC203_220314	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	1.17	0.98	-	-	0.66	0.66
	07 Jun 2022	0089_MW125_220607	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	1.69	1.45	-	-	0.98	-
	05 Sep 2022	0089_MW125_220905	Normal	-	<0.02	-	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	0.8	-	-	0.5	-
	12 Dec 2022	0089_MW125_221212	Normal	-	<0.02	-	-	-	<0.05	-	-	-	<0.05	<0.05	-	1.29	1.1	-	-	-	-
		0089_QC103_221212	Field_D	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	-	1.12	-	-	0.74	-
		0089_QC203_221212	Interlab_D	-	-	<0.05	<0.05	<0.05	-	-	-	<0.01	<0.05	<0.01	<0.01	1.21	1.01	-	-	0.61	-
	13 Mar 2023	0089_MW125_230313	Normal	-	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	-	1.42	1.21	-	-	0.75	-
	07 Jun 2023	0089_MW125_230607	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	1.35	-	-	0.84	-
	05 Sep 2023	0089_MW125_230905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.72	-	-	-	0.4	-
	11 Dec 2023	0089_MW125_231211	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	0.65	-	-	-	0.33	-
	11 Mar 2024	0089_MW125_240311	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	0.87	0.7	-	-	-	-
	29 May 2024	0089_MW125_240529	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	-	<0.05	-	<0.05	1.04	0.9	-	-	0.56	-
	18 Dec 2024	0089_MW125_241218	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.58	-	0.48	-	0.30	-
				-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	-	-	-	0.58	0.48	-	-	0.3	-
	19 Mar 2025	0089_MW125_250319	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.29	-	1.88	-	1.14	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.29	-	-	-	-	-
	06 Jun 2025	0089_MW125_250606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.23	-	0.21	-	0.16	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	-	0.23	-	-	-	0.16	-
	09 Sep 2025	0089_MW125_250909	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.52	-	0.45	-	0.32	-
				-	-	-	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	0.52	-	-	-	-	-
0089_MW126	08 Mar 2017	0089_MW126_S_170803	Normal	-	-	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	20 Sep 2017	0089_MW126_D_170920	Normal	-	-	<0.05	<0.005	<0.002	<0.005	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW126_S_170920	Normal	-	-	<0.05	-	<0.002	<0.005	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	18 Oct 2017	0089_MW126_D_171018	Normal	-	-	<0.2	-	-	-	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
		0089_MW126_S_171018	Normal	<0.05	<0.002	<0.2	<0.02	<0.002	<0.02	<0.01	-	-	0.002	<0.001	<0.005	-	-	-	-	-	-
	16 Nov 2017	0089_MW126_D_171116	Normal	<0.1	-	<0.05	<0.05	<0.002	<0.005	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
		0089_MW126_S_171116	Normal	<0.1	-	<0.05	<0.05	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	06 Dec 2017	0089_MW126_D_171206	Normal	<0.01	-	-	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW126_S_171206	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Jan 2018	0089_MW126_D_180118	Normal	<0.01	<0.002	-	<0.005	-	<0.005	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW126_S_180118	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW126_200108	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	31 Mar 2020	0089_MW126_200331	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	15 Jul 2020	0089_MW126_200715	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	22 Sep 2020	0089_MW126_200922	Normal	-	<0.02	<0.05	<0.05	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-
	14 Dec 2020	0089_MW126_201214	Normal	-	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	15 Mar 2021	0089_MW126_210315	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	-	<0.01	<0.01	-	-	-	-
	08 Jun 2021	0089_MW126_210608	Normal	-	<0.02	-	-	<0.02	-	-	-	<0.05	<0.05	<0.05	-	0.65	0.55	-	-	0.32	-
	30 Aug 2021	0089_MW126_210830	Normal	-	-	-	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	<0.01	-	-	<0.01	-
	10 Jan 2022	0089_MW126_220110	Normal	<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	14 Mar 2022	0089_MW126_220314	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	-	-	-	<0.01	-
	07 Jun 2022	0089_MW126_220607	Normal	-	<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	-
	05 Sep 2022	0089_MW126_220905	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	12 Dec 2022	0089_MW126_221212	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	13 Mar 2023	0089_MW126_230313	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.01	-	-	-	-	-
		0089_QC110_230313	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC210_230313	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	-	<0.1	<0.05	-	-	<0.01	<0.01
	07 Jun 2023	0089_MW126_230607	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	05 Sep 2023	0089_MW126_230905	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	<0.01	-
	11 Dec 2023	0089_MW126_231211	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	11 Mar 2024	0089_MW126_240311	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	29 May 2024	0089_MW126_240529	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	-	-
	18 Dec 2024	0089_MW126_241218	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	-	-	-	-	-
	21 Mar 2025	0089_MW126_250321	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	-	<0.01	-	-	-	<0.01	-
		0089_QC120_250321	Field_D	<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	-
		0089_QC220_250321	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	0.06	0.02	0.06	0.06
	06 Jun 2025	0089_MW126_250606	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.04	0.04	-	-	-	-
	09 Sep 2025	0089_MW126_250909	Normal	<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	-
				<0.05	-	<0.05	-	-	-	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_MW127	08 Mar 2017	0089_MW127_S_170803	Normal	-	-	<0.05	-	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_S_170803	Field_D	<0.01	-	-	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	04 Aug 2017	0089_QC2MW_170803	Interlab_D	-	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	-	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	20 Sep 2017	0089_MW127_D_170920	Normal	<0.001	<0.002	-	-	-	-	-	-	0.002	<0.002	<0.002	-	-	<0.001	-	-	<0.002	-	-	<0.002	-
		0089_MW127_S_170920	Normal	<0.001	-	-	<0.001	0.004	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	-	<0.01	<0.002	-
	18 Oct 2017	0089_MW127_D_171018	Normal	-	<0.002	-	<0.001	0.005	-	-	-	0.01	<0.002	<0.002	-	-	<0.001	<0.001	-	-	<0.2	<0.05	<0.002	-
		0089_MW127_S_171018	Normal	-	-	-	<0.001	0.006	-	<0.001	-	-	<0.002	<0.002	<0.02	<0.001	<0.001	<0.001	-	<0.002	<0.2	-	-	-
	16 Nov 2017	0089_MW127_D_171116	Normal	<0.001	<0.002	-	<0.001	0.003	-	-	-	-	-	<0.002	<0.005	<0.001	-	<0.001	-	-	-	<0.01	<0.002	-
		0089_MW127_S_171116	Normal	-	-	-	<0.001	0.004	-	-	-	0.003	<0.004	<0.002	<0.005	-	-	<0.001	<0.001	<0.002	-	<0.01	-	-
		0089_QC1MW_171116	Field_D	<0.001	-	-	<0.001	0.004	-	<0.001	-	0.002	<0.004	-	<0.005	<0.001	<0.001	-	<0.001	-	<0.05	<0.01	-	-
		0089_QC2MW_171116	Interlab_D	<0.01	<0.01	-	-	<0.01[#1]	-	-	-	<0.01[#1]	<0.05	<0.01	<0.01	<0.01	-	<0.01	-	-	-	-	-	-
	06 Dec 2017	0089_MW127_D_171206	Normal	-	-	-	-	0.003	-	-	-	-	<0.002	<0.002	-	-	<0.001	<0.001	<0.001	-	-	<0.01	<0.002	-
		0089_MW127_S_171206	Normal	-	<0.002	-	-	0.003	-	<0.001	-	0.003	0.002	<0.002	-	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
	18 Jan 2018	0089_MW127_D_180118	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	-	-	-	-	-	-	<0.001	<0.001	<0.002	-	-	-	-
		0089_MW127_S_180118	Normal	<0.001	-	-	<0.001	0.007	-	<0.001	-	0.003	0.004	-	<0.005	<0.001	<0.001	<0.001	-	<0.002	-	<0.01	<0.002	-
	08 Jan 2020	0089_MW127_200108	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	31 Mar 2020	0089_MW127_200331	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	-	-	-
		0089_QC104_200331	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	-	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC204_200331	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	-	-	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-	-
	15 Jul 2020	0089_MW127_200715	Normal	<0.02	-	-	-	<0.01	-	-	-	-	<0.1	-	-	<0.02	-	-	-	<0.02	<0.05	<0.02	<0.02	-
	22 Sep 2020	0089_MW127_200922	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	-	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	14 Dec 2020	0089_MW127_201214	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	-	-	<0.02	-	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	15 Mar 2021	0089_MW127_210315	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	-	<0.02	-
	08 Jun 2021	0089_MW127_210608	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	30 Aug 2021	0089_MW127_210830	Normal	-	-	-	<0.02	-	-	<0.02	-	<0.02	-	-	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	10 Jan 2022	0089_MW127_220110	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.05	<0.02	<0.02	-
	14 Mar 2022	0089_MW127_220314	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	07 Jun 2022	0089_MW127_220607	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	-	-	-	-	<0.02	<0.05	<0.02	<0.02	-
	05 Sep 2022	0089_MW127_220905	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	<0.1	<0.02	-	<0.02	-	-	-	-	-	-	-	-
		0089_QC113_220905	Field_D	-	<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	<0.02	-
		0089_QC213_220905	Interlab_D	-	-	-	<0.01	-	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	-
	12 Dec 2022	0089_MW127_221212	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
		0089_QC113_221212	Field_D	-	<0.02	-	-	<0.01	-	<0.02	-	-	-	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	-	-
		0089_QC213_221212	Interlab_D	<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	-
	13 Mar 2023	0089_MW127_230313	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	-	-	-	-	-	<0.02	-
	07 Jun 2023	0089_MW127_230607	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	-	<0.02	<0.02	<0.02	-	-	<0.05	-	<0.02	-
	05 Sep 2023	0089_MW127_230905	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	11 Dec 2023	0089_MW127_231211	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.05	-	<0.02	-
	11 Mar 2024	0089_MW127_240311	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	-	-	-
	29 May 2024	0089_MW127_240529	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	-	<0.02	-
	18 Dec 2024	0089_MW127_241218	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	0.02	<0.1	-	<0.02	<0.02	-	-	-	<0.02	<0.05	<0.02	-	-
	21 Mar 2025	0089_MW127_250321	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.02	-
		0089_QC121_250321	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC221_250321	Interlab_D	<0.01	<0.01	<0.01	<0.01	*0.02*[#1]	<0.01	<0.01	-	*0.03*[#1]	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	06 Jun 2025	0089_MW127_250606	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	-	<0.01	<0.02	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	<0.05
	09 Sep 2025	0089_MW127_250909	Normal	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	-	<0.02	<0.02	*0.03*	<0.1	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW128	08 Mar 2017	0089_MW128_S_170803	Normal	0.005	<0.002	-	0.11	-	-	0.011	-	*0.82*	0.006	<0.002	<0.005	0.006	-	<0.001	-	-	<0.05	-	-	-
	20 Sep 2017	0089_MW128_D_170920	Normal	-	<0.002	-	0.063	-	-	-	-	*0.12*	-	<0.002	-	0.003	-	<0.001	-	-	<0.05	<0.01	-	-
		0089_MW128_S_170920	Normal	<0.001	<0.002	-	0.077	*5*	-	-	-	*0.099*	0.005	<0.002	-	0.002	0.013	-	0.052	<0.002	<0.05	-	<0.002	-
		0089_QC1MW_170920	Field_D	-	-	-	0.071	*4.5*	-	-	-	*0.12*	-	<0.002	-	-	-	<0.001	0.052	0.002	<0.05	<0.01	<0.002	-
		0089_QC2MW_170920	Interlab_D	<0.01	-	-	<0.01	<0.01	-	-	-	<0.01[#1]	<0.05	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	18 Oct 2017	0089_MW128_D_171018	Normal	0.001	<0.002	-	0.08	*4.2*	-	0.002	-	*0.093*	-	-	-	0.002	0.011	<0.001	0.034	0.004	<0.2	<0.05	-	-
		0089_MW128_S_171018	Normal	-	<0.002	-	0.084	*4.7*	-	0.002	-	*0.1*	0.003	<0.002	<0.02	-	0.011	<0.001	-	0.004	<0.2	-	<0.002	-
	16 Nov 2017	0089_MW128_D_171116	Normal	0.002	-	-	0.11	-	-	0.003	-	-	<0.004	<0.002	<0.005	0.002	-	<0.001	0.032	0.004	<0.05	-	<0.002	-
		0089_MW128_S_171116	Normal	-	<0.002	-	0.11	-	-	0.003	-	*0.092*	<0.004	-	<0.005	-	0.009	<0.001	-	0.004	<0.05	-	<0.002	-
	06 Dec 2017	0089_MW128_D_171206	Normal	0.002	-	-	-	*3.2*	-	0.005	-	*0.09*	0.003	-	<0.005	-	-	<0.001	0.031	0.004	<0.05	-	-	-
		0089_MW128_S_171206	Normal	0.002	<0.002	-	0.091	*3.5*	-	-	-	-	-	<0.002	<0.005	0.003	0.01	-	-	0.004	<0.05	-	<0.002	-
		0089_QC1MW_171206	Field_D	0.002	<0.002	-	-	-	-	0.003	-	*0.088*	0.003	-	<0.005	-	-	<0.001	0.033	0.004	<0.05	-	<0.002	-
		0089_QC2MW_171206	Interlab_D	<0.01	-	-	0.14	-	-	<0.01[#1]	-	*0.13*[#1]	<0.05	-	<0.01	<0.01[#1]	0.01[#1]	<0.01[#1]	0.04[#1]	-	-	<0.01	<0.01	-
	18 Jan 2018	0089_MW128_D_180118	Normal	0.003	<0.002	-	0.071	*3.8*	-	0.007	-	*0.11*	-	<0.002	-	0.002	0.011	<0.001	0.029	0.003	<0.05	<0.01	<0.002	-
		0089_MW128_S_180118	Normal	0.003	<0.002	-	-	-	-	0.006	-	-	0.003	-	<0.005	0.002	-	-	-	0.003	-	-	-	-
	08 Jun 2022	0089_MW128_220608	Normal	<0.02	<0.02	-	-	*6.22*	-	<0.02	-	*0.32*	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	05 Sep 2022	0089_MW128_220905	Normal	<0.02	<0.02	-	0.09	*7.38*	-	<0.02	-	*0.41*	-	<0.02	<0.02	<0.02	-	-	0.09	-	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW128_221212	Normal	0.05	-	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	0.05	<0.02	<0.05	<0.02	-	-
	07 Jun 2023	0089_MW128_230607	Normal	0.05	-	-	<0.02	*1.68*	-	-	-	*0.06*	<0.1	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.05	<0.02	-	-
	05 Sep 2023	0089_MW128_230905	Normal	0.03	<0.02	-	<0.02	*1.45*	-	<0.02	-	*0.09*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	12 Dec 2023	0089_MW128_231212	Normal	<0.02	-	-	-	-	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	12 Mar 2024	0089_MW128_240312	Normal	<0.02	-	-	-	-	-	<0.02	-	*0.06*	<0.1	<0.02	-	-	0.02	<0.02	0.01	-	<0.05	<0.02	<0.02	-
	29 May 2024	0089_MW128_240529	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	*0.03*	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	-	-	-	-	-
	16 Dec 2024	0089_MW128_241216	Normal	<0.02	<0.02	<0.02	<0.02	*1.39*	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	20 Sep 2017	0089_MW127_D_170920	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-
		0089_MW127_S_170920	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
	18 Oct 2017	0089_MW127_D_171018	Normal	-	<0.002	<0.2	<0.02	-	-	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW127_S_171018	Normal	<0.05	-	<0.2	<0.02	-	-	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
	16 Nov 2017	0089_MW127_D_171116	Normal	<0.1	<0.002	-	<0.05	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW127_S_171116	Normal	<0.1	<0.002	-	<0.05	<0.002	-	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_171116	Field_D	<0.1	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_171116	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	<0.1	<0.05	-	-	-	-
	06 Dec 2017	0089_MW127_D_171206	Normal	<0.01	-	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW127_S_171206	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	18 Jan 2018	0089_MW127_D_180118	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW127_S_180118	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW127_200108	Normal	-	<0.02	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	-
	31 Mar 2020	0089_MW127_200331	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
		0089_QC104_200331	Field_D	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC204_200331	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	-
	15 Jul 2020	0089_MW127_200715	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	-	-	-	-	-	<0.01	-
	22 Sep 2020	0089_MW127_200922	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	14 Dec 2020	0089_MW127_201214	Normal	-	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	<0.01	-
	15 Mar 2021	0089_MW127_210315	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	08 Jun 2021	0089_MW127_210608	Normal	-	-	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	30 Aug 2021	0089_MW127_210830	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	-	-
	10 Jan 2022	0089_MW127_220110	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	14 Mar 2022	0089_MW127_220314	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	07 Jun 2022	0089_MW127_220607	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	05 Sep 2022	0089_MW127_220905	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	-	-	<0.01	<0.01	-	-	-	-
		0089_QC113_220905	Field_D	<0.05	<0.02	-	-	-	-	-	-	<0.05	-	-	<0.05	<0.01	-	-	-	-	-
		0089_QC213_220905	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	-	-	-	<0.01	-	<0.01	-	<0.1	-	-	-	<0.01	<0.01
	12 Dec 2022	0089_MW127_221212	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
		0089_QC113_221212	Field_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	-	-	-	-	-
		0089_QC213_221212	Interlab_D	-	<0.05	-	-	-	-	<0.05	-	-	-	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	-
	13 Mar 2023	0089_MW127_230313	Normal	-	<0.02	-	-	-	-	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	07 Jun 2023	0089_MW127_230607	Normal	-	-	-	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.01	-	-	-	-
	05 Sep 2023	0089_MW127_230905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	11 Dec 2023	0089_MW127_231211	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	11 Mar 2024	0089_MW127_240311	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	29 May 2024	0089_MW127_240529	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	18 Dec 2024	0089_MW127_241218	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	21 Mar 2025	0089_MW127_250321	Normal	<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	-
				-	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC121_250321	Field_D	<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	-
		0089_QC221_250321	Interlab_D	<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	0.02	0.05	0.05
	06 Jun 2025	0089_MW127_250606	Normal	<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	-
				-	-	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	-	-
	09 Sep 2025	0089_MW127_250909	Normal	<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	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	0.05	-
0089_MW128	08 Mar 2017	0089_MW128_S_170803	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Sep 2017	0089_MW128_D_170920	Normal	-	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW128_S_170920	Normal	<0.01	-	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_170920	Field_D	<0.01	-	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_QC2MW_170920	Interlab_D	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	-	-	<0.1	-	-	-	-	-
	18 Oct 2017	0089_MW128_D_171018	Normal	<0.05	-	-	<0.02	<0.002	<0.02	-	-	<0.001	<0.001	-	<0.005	-	-	-	-	-	-
		0089_MW128_S_171018	Normal	<0.05	<0.002	<0.2	<0.02	<0.002	<0.02	<0.01	-	<0.001	<0.001	-	<0.005	-	-	-	-	-	-
	16 Nov 2017	0089_MW128_D_171116	Normal	<0.1	<0.002	-	<0.05	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW128_S_171116	Normal	<0.1	<0.002	<0.05	<0.05	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	06 Dec 2017	0089_MW128_D_171206	Normal	<0.01	<0.002	-	-	<0.002	<0.005	-	-	<0.001	-	-	-	-	-	-	-	-	-
		0089_MW128_S_171206	Normal	<0.01	-	<0.05	<0.005	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_QC1MW_171206	Field_D	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_171206	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	-	-	-	<0.01	<0.05	-	<0.01	-	6.38	-	-	-	-
	18 Jan 2018	0089_MW128_D_180118	Normal	<0.01	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
		0089_MW128_S_180118	Normal	-	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jun 2022	0089_MW128_220608	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	-	<0.05	6.68	6.63	-	-	-	-
	05 Sep 2022	0089_MW128_220905	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	-	8.02	7.93	-	-	7.79	-
	12 Dec 2022	0089_MW128_221212	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	6.99	-	-	-	6.76	-
	07 Jun 2023	0089_MW128_230607	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	1.79	-	-	1.74	-
	05 Sep 2023	0089_MW128_230905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	1.57	1.57	-	-	1.54	-
	12 Dec 2023	0089_MW128_231212	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	12 Mar 2024	0089_MW128_240312	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	-	-	1.17	-	-	1.14	-
	29 May 2024	0089_MW128_240529	Normal	-	-	-	-	-	<0.05	-	-	-	<0.05	-	<0.05	0.67	0.67	-	-	-	-
	16 Dec 2024	0089_MW128_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.43	-	1.43	-	1.43	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
				<0.02	-	-	-	*1.39*	<0.02	-	<0.02	*0.04*	-	<0.02	<0.02	-	<0.02	-	-	-	<0.05	-	-	-
	21 Mar 2025	0089_MW128_250321	Normal	<0.02	<0.02	<0.02	<0.02	*1.19*	<0.02	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	<0.05
	06 Jun 2025	0089_MW128_250606	Normal	<0.02	<0.02	<0.02	<0.02	*0.85*	<0.02	<0.02	-	*0.03*	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	*0.85*	-	-	-	-	<0.1	<0.02	<0.02	-	0.06	<0.02	-	<0.02	<0.05	<0.02	-	-
	19 Sep 2025	0089_MW128_250919	Normal	<0.02	<0.02	<0.02	<0.02	*0.85*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW137	01 Aug 2017	0089_MW137_S_170801	Normal	<0.001	-	-	-	-	-	<0.001	-	0.005	<0.002	<0.002	<0.005	<0.001	-	<0.001	<0.001	-	-	-	<0.002	-
		0089_QC1MW_170801	Field_D	-	-	-	-	<0.001	-	<0.001	-	0.005	<0.002	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	-	<0.01	<0.002	-
				<0.001	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	<0.005	-	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_QC2MW_170801	Interlab_D	<0.01	-	-	<0.01	<0.01	-	-	-	-	<0.05	-	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	-
	19 Sep 2017	0089_MW137_D_170919	Normal	-	<0.002	-	-	0.006	-	-	-	0.011	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW137_S_170919	Normal	-	<0.002	-	0.001	-	-	-	-	*0.041*	<0.002	-	<0.005	-	<0.001	<0.001	-	<0.002	<0.05	-	-	-
	17 Oct 2017	0089_MW137_D_171017	Normal	<0.001	<0.002	-	-	0.003	-	-	-	-	-	<0.002	<0.005	-	0.008	<0.001	<0.001	0.004	<0.05	-	<0.002	-
		0089_MW137_S_171017	Normal	<0.001	-	-	-	0.004	-	<0.001	-	0.011	-	<0.002	<0.005	-	-	-	-	0.004	<0.05	-	<0.002	-
	20 Nov 2017	0089_MW137_D_171120	Normal	<0.001	<0.002	-	<0.001	*0.02*	-	<0.001	-	-	0.003	-	-	-	-	<0.001	<0.001	<0.002	<0.05	-	-	-
		0089_MW137_S_171120	Normal	<0.001	<0.002	-	0.001	*0.08*	-	-	-	*0.14*	-	<0.002	<0.005	<0.001	0.007	<0.001	-	-	<0.05	<0.01	<0.002	-
	04 Dec 2017	0089_MW137_D_171204	Normal	-	<0.002	-	-	-	-	0.002	-	*0.079*	0.004	-	<0.005	-	0.009	<0.001	0.001	<0.002	<0.05	-	<0.002	-
		0089_MW137_S_171204	Normal	-	-	-	0.011	-	-	-	-	*0.17*	-	-	<0.005	-	-	<0.001	0.002	<0.002	-	<0.01	<0.002	-
	17 Jan 2018	0089_MW137_D_1801117	Normal	0.003	-	-	0.034	*0.2*	-	-	-	*0.36*	0.01	<0.002	-	<0.001	0.033	<0.001	0.004	0.002	<0.05	<0.01	<0.002	-
		0089_MW137_S_1801117	Normal	0.004	<0.002	-	-	*0.17*	-	0.011	-	*0.4*	0.01	<0.002	<0.005	<0.001	-	<0.001	-	-	<0.05	-	<0.002	-
	01 Feb 2018	0089_MW137_D_180201	Normal	-	-	-	-	*0.25*	-	0.011	-	*0.51*	0.01	<0.002	-	-	0.088	-	-	-	-	<0.01	<0.002	-
		0089_MW137_I_180201	Normal	0.004	-	-	-	*0.21*	-	0.014	-	-	0.02	-	<0.005	0.004	0.094	<0.001	0.008	0.008	<0.05	<0.01	-	-
		0089_MW137_S_180201	Normal	-	-	-	-	*0.19*	-	0.011	-	*0.54*	0.01	<0.002	-	-	0.092	<0.001	0.008	-	<0.05	<0.01	<0.002	-
	08 Jan 2020	0089_MW137_200108	Normal	-	<0.02	-	-	*0.16*	-	-	-	*1.45*	-	<0.02	<0.02	-	-	<0.02	0.01	-	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW137_200330	Normal	-	-	-	0.05	-	-	0.06	-	*1.26*	<0.1	-	<0.02	<0.02	-	<0.02	0.08	0.05	-	<0.02	-	-
	20 Jul 2020	0089_MW137_200720	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	23 Sep 2020	0089_MW137_200923	Normal	<0.02	<0.02	-	<0.02	*0.01*	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	14 Dec 2020	0089_MW137_201214	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	16 Mar 2021	0089_MW137_210316	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.02	-	-
	08 Jun 2021	0089_MW137_210608	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
0089_MW139	30 Oct 2010	C24-MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-
	18 Oct 2013	WA0006_C24_MB01	Normal	-	-	-	-	<0.02	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-
	26 May 2015	C24_MB01	Normal	-	-	-	-	*0.13*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	29 Sep 2015	C24_MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-
	25 Oct 2016	C24_MB01	Normal	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-
	01 Aug 2017	0089_MW139_S_170801	Normal	-	<0.002	-	-	-	-	<0.001	-	0.002	<0.002	-	<0.005	<0.001	-	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
	19 Sep 2017	0089_MW139_D_170919	Normal	<0.001	<0.002	-	<0.001	*0.012*	-	<0.001	-	0.004	<0.002	-	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW139_S_170919	Normal	<0.001	<0.002	-	-	-	-	<0.001	-	0.002	-	-	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	17 Oct 2017	0089_MW139_D_171017	Normal	-	<0.002	-	-	-	-	<0.001	-	-	<0.002	<0.002	<0.005	-	<0.001	-	<0.001	<0.002	<0.05	-	<0.002	-
		0089_MW139_S_171017	Normal	<0.001	-	-	-	-	-	<0.001	-	0.002	-	<0.002	<0.005	<0.001	-	-	<0.001	<0.002	<0.05	-	-	-
	20 Nov 2017	0089_MW139_D_171120	Normal	<0.001	-	-	-	<0.001	-	-	-	0.002	-	<0.002	-	<0.001	<0.001	<0.001	-	<0.002	<0.05	<0.01	<0.002	-
		0089_MW139_S_171120	Normal	-	<0.002	-	<0.001	-	-	<0.001	-	-	-	<0.002	<0.005	<0.001	-	-	-	<0.002	-	<0.01	<0.002	-
	04 Dec 2017	0089_MW139_D_171204	Normal	<0.001	<0.002	-	<0.001	0.004	-	<0.001	-	0.002	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	-	-
		0089_MW139_S_171204	Normal	<0.001	<0.002	-	<0.001	0.002	-	-	-	0.002	-	<0.002	-	<0.001	<0.001	<0.001	-	-	<0.05	<0.01	-	-
	17 Jan 2018	0089_MW139_D_1801117	Normal	<0.001	-	-	-	0.003	-	-	-	0.008	-	-	<0.005	<0.001	<0.001	<0.001	<0.001	-	<0.05	-	<0.002	-
		0089_MW139_S_1801117	Normal	<0.001	<0.002	-	<0.001	-	-	-	-	-	-	<0.002	-	-	-	<0.001	-	-	<0.05	<0.01	<0.002	-
	01 Feb 2018	0089_MW139_D_180201	Normal	<0.001	-	-	<0.001	-	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	-	<0.002	-	-	-
		0089_MW139_I_180201	Normal	<0.001	-	-	<0.001	-	-	<0.001	-	0.004	<0.002	-	<0.005	-	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW139_S_180201	Normal	-	<0.002	-	<0.001	0.003	-	<0.001	-	0.006	<0.002	<0.002	<0.005	-	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_QC6MW_180201	Field_D	-	<0.002	-	<0.001	-	-	<0.001	-	0.005	-	<0.002	<0.005	-	-	-	<0.001	<0.002	<0.05	-	<0.002	-
		0089_QC7MW_180201	Interlab_D	-	<0.01	-	-	<0.01[#1]	-	<0.01	-	<0.01[#1]	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	08 Jan 2020	0089_MW139_200108	Normal	<0.02	<0.02	-	<0.02	*0.04*	-	-	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC101_200108	Field_D	-	-	-	<0.02	*0.04*	-	<0.02	-	-	-	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC201_200108	Interlab_D	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	30 Mar 2020	0089_MW139_200330	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	-	-
	20 Jul 2020	0089_MW139_200720	Normal	-	-	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	22 Sep 2020	0089_MW139_200922	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	-	-
	14 Dec 2020	0089_MW139_201214	Normal	<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	<0.02	-
	16 Mar 2021	0089_MW139_210316	Normal	-	<0.02	-	<0.02	-	-	-	-	-	<0.1	-	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	08 Jun 2021	0089_MW139_210608	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC101_210608	Field_D	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	-	-	-	-
		0089_QC201_210608	Interlab_D	-	-	-	<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	-
	31 Aug 2021	0089_MW139_210831	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	<0.1	-	<0.02	-	<0.02	-	-	-	<0.05	-	<0.02	-
	10 Jan 2022	0089_MW139_220110	Normal	-	-	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	-	-	<0.02	<0.05	-	<0.02	-
	15 Mar 2022	0089_MW139_220315	Normal	-	<0.02	-	<0.02	-	-	-	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	08 Jun 2022	0089_MW139_220608	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	05 Sep 2022	0089_MW139_220905	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW139_221212	Normal	<0.02	-	-	<0.02	*0.01*	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	15 Mar 2023	0089_MW139_230315	Normal	-	<0.02	-	-	-	-	<0.02	-	-	<0.1	-	-	-	<0.02	<0.02	-	-	-	<0.02	<0.02	-
	07 Jun 2023	0089_MW139_230607	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	-	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC110_230607	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC210_230607	Interlab_D	<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	-	-	-	-	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
				<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	<0.05	-	1.43	-	-	-	-	-
	21 Mar 2025	0089_MW128_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.25	-	1.25	-	1.21	-
				-	-	<0.05	<0.05	-	-	<0.02	-	<0.05	-	-	-	1.25	1.25	-	-	1.21	-
	06 Jun 2025	0089_MW128_250606	Normal	<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	-	0.88	-
				<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	0.94	0.94	-	-	-	-
	19 Sep 2025	0089_MW128_250919	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.92	-	0.92	-	0.90	-
0089_MW137	01 Aug 2017	0089_MW137_S_170801	Normal	<0.01	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_170801	Field_D	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
				<0.01	<0.002	-	-	<0.002	-	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_170801	Interlab_D	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.01	<0.01	-	<0.05	-	-	<0.01	-
	19 Sep 2017	0089_MW137_D_170919	Normal	-	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW137_S_170919	Normal	<0.01	-	<0.05	-	<0.002	-	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
	17 Oct 2017	0089_MW137_D_171017	Normal	<0.05	-	-	<0.03	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW137_S_171017	Normal	<0.05	<0.002	<0.05	<0.03	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	20 Nov 2017	0089_MW137_D_171120	Normal	<0.1	<0.002	<0.05	<0.05	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW137_S_171120	Normal	-	<0.002	<0.05	-	-	-	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	04 Dec 2017	0089_MW137_D_171204	Normal	-	<0.002	-	<0.01	-	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW137_S_171204	Normal	<0.02	<0.002	-	<0.01	-	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	17 Jan 2018	0089_MW137_D_1801117	Normal	<0.01	<0.002	-	<0.005	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW137_S_1801117	Normal	<0.01	-	<0.05	<0.005	-	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	01 Feb 2018	0089_MW137_D_180201	Normal	<0.01	<0.002	-	<0.005	-	-	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW137_I_180201	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW137_S_180201	Normal	-	<0.002	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08 Jan 2020	0089_MW137_200108	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	30 Mar 2020	0089_MW137_200330	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.23	2.12	-	-	1.47	-
	20 Jul 2020	0089_MW137_200720	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	23 Sep 2020	0089_MW137_200923	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	-	-	-	<0.05	0.01	0.01	-	-	0.01	-
	14 Dec 2020	0089_MW137_201214	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	16 Mar 2021	0089_MW137_210316	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-
	08 Jun 2021	0089_MW137_210608	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	-	-	<0.05	<0.05	0.02	0.02	-	-	-	-
0089_MW139	30 Oct 2010	C24-MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18 Oct 2013	WA0006_C24_MB01	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
	26 May 2015	C24_MB01	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
	29 Sep 2015	C24_MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25 Oct 2016	C24_MB01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01 Aug 2017	0089_MW139_S_170801	Normal	-	<0.002	<0.05	<0.005	-	<0.005	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	19 Sep 2017	0089_MW139_D_170919	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW139_S_170919	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	-	-	<0.001	-	-	-	-	-	-	-
	17 Oct 2017	0089_MW139_D_171017	Normal	<0.05	<0.002	-	<0.03	<0.002	-	-	-	-	0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW139_S_171017	Normal	<0.05	<0.002	-	<0.03	<0.002	<0.005	-	-	<0.001	-	-	-	-	-	-	-	-	-
	20 Nov 2017	0089_MW139_D_171120	Normal	<0.1	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW139_S_171120	Normal	<0.1	<0.002	<0.05	<0.05	<0.002	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	04 Dec 2017	0089_MW139_D_171204	Normal	<0.02	<0.002	-	-	<0.002	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-
		0089_MW139_S_171204	Normal	<0.02	<0.002	<0.05	-	-	<0.005	<0.01	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	17 Jan 2018	0089_MW139_D_1801117	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW139_S_1801117	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	01 Feb 2018	0089_MW139_D_180201	Normal	<0.01	-	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW139_I_180201	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW139_S_180201	Normal	-	<0.002	<0.05	<0.005	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_QC6MW_180201	Field_D	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	-	-	-	-	-	-	-	-	-
		0089_QC7MW_180201	Interlab_D	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	-	-	<0.01	<0.1	<0.05	-	-	-	-
	08 Jan 2020	0089_MW139_200108	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	0.04	0.04	-	-	-	-
		0089_QC101_200108	Field_D	-	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
		0089_QC201_200108	Interlab_D	-	-	<0.05	<0.05	-	-	-	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	-	0.02	0.02
	30 Mar 2020	0089_MW139_200330	Normal	<0.05	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	20 Jul 2020	0089_MW139_200720	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	22 Sep 2020	0089_MW139_200922	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	-	-	<0.05	0.01	-	-	-	0.01	-
	14 Dec 2020	0089_MW139_201214	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	-	<0.01	-	-	-	<0.01	-
	16 Mar 2021	0089_MW139_210316	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	-	<0.01	-	-	<0.01	-
	08 Jun 2021	0089_MW139_210608	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC101_210608	Field_D	<0.05	-	<0.05	-	<0.02	-	-	-	-	0.06	<0.05	<0.05	-	-	-	-	-	-
		0089_QC201_210608	Interlab_D	-	-	<0.05	<0.05	-	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	-	-
	31 Aug 2021	0089_MW139_210831	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	10 Jan 2022	0089_MW139_220110	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.02	0.02	-	-	0.02	-
	15 Mar 2022	0089_MW139_220315	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	08 Jun 2022	0089_MW139_220608	Normal	<0.05	<0.02	-	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	05 Sep 2022	0089_MW139_220905	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	-	-
	12 Dec 2022	0089_MW139_221212	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	-	-
	15 Mar 2023	0089_MW139_230315	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	07 Jun 2023	0089_MW139_230607	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
		0089_QC110_230607	Field_D	-	<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	-
		0089_QC210_230607	Interlab_D	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	<0.1	-	-	<0.01	<0.01	<0.01

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	11 Sep 2023	0089_MW139_230911	Normal	<0.02	-	-	-	<0.01	-	-	-	-	<0.1	<0.02	-	-	-	-	<0.01	<0.02	<0.05	<0.02	-	-
	19 Dec 2023	0089_MW139_231219	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	11 Mar 2024	0089_MW139_240311	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC105_240311	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC205_240311	Interlab_D	<0.01	-	-	-	<0.01	<0.01	-	-	<0.01	<0.05	<0.01	-	<0.05	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	-
	28 May 2024	0089_MW139_240528	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	-	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
		0089_QC108_240528	Field_D	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC208_240528	Interlab_D	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	-	-	<0.01	<0.01	-	-	-
	15 Jan 2025	0089_MW139_250115	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	-	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.05	-	-	-
	14 Mar 2025	0089_MW139_250314	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
	11 Jun 2025	0089_MW139_250611	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
		0089_QC107_250611	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC207_250611	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	23 Sep 2025	0089_MW139_250923	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC117_250923	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC217_250923	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_MW141	30 Oct 2010	C24-MBO3	Normal	-	-	-	-	*12.6*	-	-	-	-	-	-	-	-	-	-	*1.32*	-	-	-	-	-
	18 Oct 2013	WA0006_C24_MB03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*3.08*	-	-	-	-	-
	26 May 2015	C24_MB03	Normal	-	-	-	-	*5.62*	-	-	-	-	-	-	-	-	-	-	*0.66*	-	-	-	-	-
	29 Sep 2015	C24_MB03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	25 Oct 2016	C24_MB03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*0.66*[#3]	-	-	-	-	-
	01 Aug 2017	0089_MW141_S_170801	Normal	-	<0.002	-	0.94	*58*	-	-	-	*24*	0.53	0.006	-	-	-	-	*2.3*	2.9	<0.05	-	<0.002	-
	19 Sep 2017	0089_MW141_D_170919	Normal	*2.4*	-	-	-	-	-	5.4	-	*38*	0.86	-	-	-	-	0.03	*2.8*	-	<0.05	<0.01	-	-
		0089_MW141_S_170919	Normal	*2.4*	-	-	2.1	-	-	-	-	*39*	0.87	-	-	0.63	-	0.024	-	-	-	<0.01	<0.002	-
		0089_QC1MW_170919	Field_D	-	-	-	2.2	*61*	-	-	-	-	0.83	0.006	<0.005	-	33	0.027	*2.9*	-	-	-	<0.002	-
		0089_QC2MW_170919	Interlab_D	*1.3*	-	-	-	*72*[#1]	-	3.1[#1]	-	*34*[#1]	0.59	<0.01	-	0.83[#1]	24[#1]	-	*2.4*[#1]	2.7[#1]	-	<0.01	<0.01	-
	17 Oct 2017	0089_MW141_D_171017	Normal	-	-	-	-	-	-	2.1	-	*20*	0.45	<0.02	<0.05	0.53	18	0.014	-	2.2	<0.5	<0.1	-	-
		0089_MW141_S_171017	Normal	-	-	-	1.4	-	-	-	-	*34*	-	<0.02	-	-	-	0.02	-	-	<0.5	<0.1	<0.02	-
	20 Nov 2017	0089_MW141_D_171120	Normal	-	-	-	-	*68*	-	3.3	-	-	-	<0.1	-	1.2	-	-	*4.2*	-	<2.5	<0.5	<0.1	-
		0089_MW141_S_171120	Normal	*1.8*	<0.1	-	1.9	*69*	-	-	-	*47*	0.89	<0.1	-	1.4	-	<0.05	-	5.1	<2.5	<0.5	-	-
	04 Dec 2017	0089_MW141_D_171204	Normal	-	<0.04	-	0.92	-	-	-	-	*21*	0.58	-	-	0.51	-	<0.02	*1.6*	1.4	<1	<0.2	<0.04	-
		0089_MW141_S_171204	Normal	-	-	-	-	*44*	-	4.2	-	-	0.86	<0.04	<0.1	-	-	-	-	-	<1	<0.2	<0.04	-
	17 Jan 2018	0089_MW141_D_1801117	Normal	*1.7*	-	-	-	-	-	2	-	*26*	0.82	<0.002	-	1	-	<0.001	*2.6*	2.2	-	<0.01	<0.002	-
		0089_MW141_S_1801117	Normal	*2.5*	-	-	-	*93*	-	4.2	-	*54*	1.6	<0.002	-	1.9	65	-	-	-	<0.05	<0.01	<0.002	-
	01 Feb 2018	0089_MW141_D_180201	Normal	*1.2*	-	-	2.6	*61*	-	-	-	-	0.84	<0.02	<0.05	-	31	<0.01	*3.2*	-	<0.05	<0.1	<0.02	-
		0089_MW141_I_180201	Normal	*1.2*	<0.02	-	2.8	*63*	-	3.6	-	*43*	-	-	<0.05	0.94	-	-	-	-	<0.05	<0.1	<0.02	-
		0089_MW141_S_180201	Normal	-	<0.02	-	3.8	*85*	-	4.8	-	-	1.1	<0.02	<0.05	1.3	-	<0.01	*4.1*	3.4	<0.05	-	<0.02	-
	08 Jan 2020	0089_MW141_200108	Normal	*1.25*	-	-	0.72	*52.1*	-	1.46	-	-	<0.2[#2]	-	<0.02	0.36	15.1	-	-	1.36	<0.05	-	<0.02	-
	30 Mar 2020	0089_MW141_200330	Normal	0.54	-	-	1.18	-	-	-	-	*14.3*	0.2	-	-	0.31	-	-	-	0.87	-	<0.02	-	-
	20 Jul 2020	0089_MW141_200720	Normal	0.48	-	-	-	*45.7*	-	1.52	-	*16.7*	-	<0.02	-	-	13.1	-	*1.71*	-	<0.05	<0.02	<0.02	-
	23 Sep 2020	0089_MW141_200923	Normal	0.7	<0.02	-	1.88	*59.9*	-	-	-	*18.2*	0.3	<0.02	-	0.4	13.6	0.02	*1.71*	-	-	-	-	-
	14 Dec 2020	0089_MW141_201214	Normal	0.59	<0.02	-	1.01	*39.8*	-	-	-	*10.3*	0.2	-	<0.02	0.31	9.09	<0.02	-	-	<0.05	<0.02	-	-
	16 Mar 2021	0089_MW141_210316	Normal	0.43	-	-	-	*31*	-	-	-	*8.1*	0.2	<0.02	<0.02	0.23	5.86	-	-	-	-	<0.02	<0.02	-
	08 Jun 2021	0089_MW141_210608	Normal	0.38	-	-	-	*34.9*	-	0.76	-	-	0.2	<0.02	-	-	-	<0.02	-	0.75	-	<0.02	<0.02	-
	31 Aug 2021	0089_MW141_210831	Normal	-	-	-	-	*89.9*	-	-	-	*26.2*	0.4	-	<0.02	-	16.1	0.04	-	1.64	<0.05	-	<0.02	-
	10 Jan 2022	0089_MW141_220110	Normal	*1.18*	<0.02	-	2.68	-	-	4.12	-	-	0.4	-	<0.02	0.93	27	0.06	-	2.12	<0.05	<0.02	-	-
		0089_QC112_220110	Field_D	*1.24*	<0.02	-	2.51	-	-	2.91	-	*50*	0.5	<0.02	<0.02	-	27.2	0.05	*3.91*	2.18	<0.05	-	-	-
		0089_QC212_220110	Interlab_D	-	<0.01	-	2.8[#1]	*130*[#1]	0.33	-	-	-	-	<0.01	-	0.76[#1]	26	-	*4*[#1]	1.9	-	<0.01	<0.01	-
	15 Mar 2022	0089_MW141_220315	Normal	0.97	<0.02	-	2.1	*81.2*	-	2.15	-	*30.8*	-	<0.02	<0.02	0.81	-	0.03	*3.17*	1.58	-	-	<0.02	-
	08 Jun 2022	0089_MW141_220608	Normal	0.49	-	-	1.62	-	-	-	-	*13.3*	0.2	-	-	-	5.54	-	-	0.67	<0.05	-	-	-
	05 Sep 2022	0089_MW141_220905	Normal	0.58	<0.02	-	-	-	-	1.94	-	*29.2*	-	<0.02	<0.02	-	13.4	0.05	*2.86*	1.3	<0.05	<0.02	<0.02	-
		0089_QC101_220905	Field_D	0.52	<0.02	-	2.08	*102*	-	1.75	-	*27.3*	0.3	-	<0.02	0.5	13	0.04	-	1.29	<0.05	-	<0.02	-
		0089_QC201_220905	Interlab_D	0.49[#1]	<0.01	-	1.2[#1]	-	0.21[#1]	-	<0.01	*22*[#1]	0.23	-	<0.01	0.36[#1]	4.6	-	*1.8*[#1]	-	<0.01	<0.01	<0.01	-
	12 Dec 2022	0089_MW141_221212	Normal	0.33	<0.02	-	1.42	*129*	-	0.94	-	*15*	0.2	-	-	0.3	5.86	0.03	*0.99*	0.76	<0.05	-	<0.02	-
		0089_QC101_221212	Field_D	0.38	-	-	1.54	*140*	-	1.05	-	-	-	-	-	0.33	6.04	0.04	*1.07*	0.79	-	<0.02	<0.02	-
		0089_QC201_221212	Interlab_D	0.45	-	-	0.78[#1]	*91*[#1]	-	0.6[#1]	<0.01	*13*[#1]	0.22	-	-	-	-	-	*1.2*[#1]	0.58	<0.01	<0.01	<0.01	-
	15 Mar 2023	0089_MW141_230315	Normal	-	-	-	-	*72.5*	-	-	-	-	0.3	-	-	0.34	12.2	0.02	-	1.2	<0.05	-	<0.02	-
	07 Jun 2023	0089_MW141_230607	Normal	0.37	<0.02	-	1.1	*53*	-	0.86	-	*12.7*	0.2	-	<0.02	0.26	-	-	-	-	-	<0.02	<0.02	-
	11 Sep 2023	0089_MW141_230911	Normal	-	<0.02	-	0.89	-	-	0.49	-	-	0.1	<0.02	<0.02	0.14	3.05	<0.02	*0.65*	0.28	-	-	<0.02	-
	19 Dec 2023	0089_MW141_231219	Normal	0.53	<0.02	-	0.8	-	-	-	-	*16.6*	0.3	<0.02	-	-	-	-	*1.06*	-	<0.05	-	-	-
	11 Mar 2024	0089_MW141_240311	Normal	-	-	-	0.55	*48*	-	-	-	*16.2*	-	<0.02	<0.02	-	13.4	<0.02	*1.07*	1.26	-	-	<0.02	-
	28 May 2024	0089_MW141_240528	Normal	0.21	-	-	0.81	*21.5*	-	0.36	-	-	0.1	<0.02	<0.02	-	3.67	<0.02	*0.67*	-	-	-	<0.02	-
	15 Jan 2025	0089_MW141_250115	Normal	0.83	<0.02	<0.19[#2]	0.90	*72.6*	0.18	1.52	-	*24.7*	0.4	<0.02	<0.02	0.51	17.0	0.03	*1.67*	1.99	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	-	0.18	-	-	*24.7*	0.4	<0.02	-	-	17	-	*1.67*	-	-	-	<0.02	-
	14 Mar 2025	0089_MW141_240314	Normal	0.76	<0.02	<0.20[#2]	0.60	*64.0*	0.18	1.46	-	*21.8*	0.4	<0.02	<0.02	0.45	17.4	<0.02	*1.46*	1.74	<0.05	<0.02	<0.02	<0.05
				-	-	-	-	*64*	0.18	-	-	*21.8*	-	-	<0.02	-	-	<0.02	*1.46*	1.74	-	-	<0.02	<0.05
	11 Jun 2025	0089_MW141_250611	Normal	0.37	<0.02	0.09	0.77	*36.7*	0.10	0.71	-	*12.7*	0.2	<0.02	<0.02	0.25	8.78	<0.02	*1.16*	0.97	<0.05	<0.02	<0.02	<0.05
				0.37	<0.02	-	0.77	*36.7*	0.1	0.71	-	*12.7*	0.2	<0.02	<0.02	0.25	-	<0.02	-	-	-	<0.02	-	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	11 Sep 2023	0089_MW139_230911	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	19 Dec 2023	0089_MW139_231219	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	11 Mar 2024	0089_MW139_240311	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC105_240311	Field_D	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC205_240311	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	-	-	-	<0.1	-	-	-	<0.01	<0.01
	28 May 2024	0089_MW139_240528	Normal	<0.05	-	<0.05	-	-	-	-	-	-	<0.05	-	<0.05	<0.01	-	-	-	-	-
		0089_QC108_240528	Field_D	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC208_240528	Interlab_D	<0.05	-	-	<0.05	-	<0.05	<0.05	-	-	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	-	-
	15 Jan 2025	0089_MW139_250115	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	-	-	-	-	-	<0.01	-
	14 Mar 2025	0089_MW139_250314	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	11 Jun 2025	0089_MW139_250611	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC107_250611	Field_D	<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	-
		0089_QC207_250611	Interlab_D	<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
	23 Sep 2025	0089_MW139_250923	Normal	<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	-
		0089_QC117_250923	Field_D	<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	-
		0089_QC217_250923	Interlab_D	<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
0089_MW141	30 Oct 2010	C24-MBO3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18 Oct 2013	WA0006_C24_MB03	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
	26 May 2015	C24_MB03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	29 Sep 2015	C24_MB03	Normal	-	-	-	-	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	-
	25 Oct 2016	C24_MB03	Normal	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	01 Aug 2017	0089_MW141_S_170801	Normal	-	<0.002	<0.05	-	-	<0.005	<0.01	-	-	-	0.004	<0.001	-	-	-	-	-	-
	19 Sep 2017	0089_MW141_D_170919	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	-	-	-	-	0.004	-	-	-	-	-	-	-
		0089_MW141_S_170919	Normal	-	-	<0.05	<0.005	<0.002	-	0.01	-	<0.001	0.1	-	-	-	-	-	-	-	-
		0089_QC1MW_170919	Field_D	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	0.01	-	<0.001	0.1	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_170919	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	142.42	137.82	-	-	-	-
	17 Oct 2017	0089_MW141_D_171017	Normal	<0.1	<0.02	<0.5	<0.05	<0.02	-	-	-	<0.01	0.031	-	<0.01	-	-	-	-	-	-
		0089_MW141_S_171017	Normal	<0.1	<0.02	<0.5	<0.05	-	<0.05	<0.1	-	<0.01	-	<0.01	<0.01	-	-	-	-	-	-
	20 Nov 2017	0089_MW141_D_171120	Normal	-	-	<2.5	<0.2	<0.1	<0.2	<0.5	-	<0.05	0.26	<0.05	<0.05	-	-	-	-	-	-
		0089_MW141_S_171120	Normal	<0.5	<0.1	<2.5	<0.2	<0.1	<0.2	-	-	<0.05	0.19	<0.05	-	-	-	-	-	-	-
	04 Dec 2017	0089_MW141_D_171204	Normal	<0.2	<0.04	-	-	-	-	-	-	-	0.06	-	<0.02	-	-	-	-	-	-
		0089_MW141_S_171204	Normal	-	-	-	<0.1	<0.04	<0.1	<0.2	-	<0.02	0.17	<0.02	-	-	-	-	-	-	-
	17 Jan 2018	0089_MW141_D_1801117	Normal	-	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	0.08	-	<0.001	-	-	-	-	-	-
		0089_MW141_S_1801117	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
	01 Feb 2018	0089_MW141_D_180201	Normal	<0.1	-	-	<0.05	<0.02	<0.05	-	-	<0.01	0.2	<0.01	<0.01	-	-	-	-	-	-
		0089_MW141_I_180201	Normal	<0.1	<0.02	-	-	<0.02	<0.05	<0.1	-	<0.01	0.19	<0.01	-	-	-	-	-	-	-
		0089_MW141_S_180201	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	<0.01	0.29	-	-	-	-	-	-	-	-
	08 Jan 2020	0089_MW141_200108	Normal	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	<0.05	<0.05	93	90.7	-	-	71.5	-
	30 Mar 2020	0089_MW141_200330	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	78	-	-	-	64.3	-
	20 Jul 2020	0089_MW141_200720	Normal	<0.05	<0.02	-	-	-	-	0.02	-	<0.05	0.06	<0.05	-	82.5	79.7	-	-	-	-
	23 Sep 2020	0089_MW141_200923	Normal	<0.05	-	<0.05	-	<0.02	<0.05	0.02	-	<0.05	-	<0.05	-	-	-	-	-	-	-
	14 Dec 2020	0089_MW141_201214	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	64.5	62.4	-	-	-	-
	16 Mar 2021	0089_MW141_210316	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	49.1	47.3	-	-	39.1	-
	08 Jun 2021	0089_MW141_210608	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	57.5	55.9	-	-	-	-
	31 Aug 2021	0089_MW141_210831	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.08	<0.05	<0.05	143	138	-	-	-	-
	10 Jan 2022	0089_MW141_220110	Normal	<0.05	<0.02	-	-	<0.02	-	-	-	<0.05	0.11	-	-	243	236	-	-	-	-
		0089_QC112_220110	Field_D	<0.05	<0.02	<0.05	-	-	<0.05	0.03	-	<0.05	-	-	-	218	213	-	-	177	-
		0089_QC212_220110	Interlab_D	<0.05	-	<0.05	-	-	<0.05	-	-	-	-	<0.01	<0.01	-	220.91	-	134	187	191
	15 Mar 2022	0089_MW141_220315	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	142	-	-	-	112	-
	08 Jun 2022	0089_MW141_220608	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	64.8	-	-	-	53.6	-
	05 Sep 2022	0089_MW141_220905	Normal	<0.05	-	<0.05	-	-	-	-	-	<0.05	<0.05	-	<0.05	154	-	-	-	-	-
		0089_QC101_220905	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	-	151	-	-	-	129	-
		0089_QC201_220905	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	92.98	-	-	61.8	82	-
	12 Dec 2022	0089_MW141_221212	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	155	-	-	-	144	-
		0089_QC101_221212	Field_D	-	-	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
		0089_QC201_221212	Interlab_D	-	<0.05	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.01	<0.01	-	113.16	-	-	-	105.2
	15 Mar 2023	0089_MW141_230315	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.02	-	<0.05	-	<0.05	<0.05	-	108	-	-	91.6	-
	07 Jun 2023	0089_MW141_230607	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	77.8	75.8	-	-	65.7	-
	11 Sep 2023	0089_MW141_230911	Normal	<0.05	-	-	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	46.1	44.7	-	-	40.3	-
	19 Dec 2023	0089_MW141_231219	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	-	<0.05	86.1	84.4	-	-	66.1	-
	11 Mar 2024	0089_MW141_240311	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	81.1	-	-	-	-
	28 May 2024	0089_MW141_240528	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	-	-	34.4	-	-	-	-
	15 Jan 2025	0089_MW141_250115	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.06	<0.05	<0.05	122	-	120	-	97.3	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	0.06	-	<0.05	122	120	-	-	97.3	-
	14 Mar 2025	0089_MW141_240314	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	110	-	108	-	85.8	-
				-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	108	-	-	85.8	-
	11 Jun 2025	0089_MW141_250611	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	62.8	-	61.1	-	49.4	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	61.1	-	-	49.4	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	23 Sep 2025	0089_MW141_250923	Normal	0.32	<0.05[#2]	0.14	0.80	*38.7*	0.09	0.61	-	*10.2*	0.2	<0.02	<0.02	0.22	6.79	<0.02	*0.98*	0.76	<0.05	<0.02	<0.02	<0.05
0089_MW142	01 Aug 2017	0089_MW142_S_170801	Normal	0.01	-	-	0.009	*2.3*	-	-	-	*0.29*	-	-	-	0.005	0.13	<0.001	0.02	0.01	<0.05	<0.01	-	-
	19 Sep 2017	0089_MW142_D_170919	Normal	0.034	<0.002	-	-	-	-	-	-	*0.72*	0.02	-	<0.005	0.016	0.45	-	0.033	-	<0.05	-	<0.002	-
		0089_MW142_S_170919	Normal	0.041	-	-	0.007	*2.3*	-	-	-	-	0.021	<0.002	<0.005	-	0.57	-	-	0.048	<0.05	<0.01	<0.002	-
	17 Oct 2017	0089_MW142_D_171017	Normal	0.033	-	-	0.02	*1.6*	-	0.062	-	*0.52*	0.01	<0.002	<0.005	-	-	<0.001	-	0.035	<0.05	-	<0.002	-
		0089_MW142_S_171017	Normal	0.032	<0.002	-	0.013	-	-	0.06	-	-	0.01	<0.002	<0.005	0.01	0.4	<0.001	0.026	-	<0.05	<0.01	<0.002	-
		0089_QC1MW_171017	Field_D	-	<0.002	-	0.013	-	-	0.06	-	*0.51*	0.01	-	-	0.01	-	<0.001	-	0.035	<0.05	<0.01	-	-
		0089_QC2MW_171017	Interlab_D	0.03	<0.01	-	-	*2.8[#1]*	-	0.05	-	-	-	-	<0.01	0.01	0.4[#1]	-	0.04[#1]	-	-	-	<0.01	-
	20 Nov 2017	0089_MW142_D_171120	Normal	-	<0.002	-	0.002	-	-	-	-	*0.6*	-	<0.002	<0.005	-	-	-	0.028	0.05	-	<0.01	-	-
		0089_MW142_S_171120	Normal	0.039	<0.002	-	-	*1.1*	-	0.087	-	*0.6*	0.02	-	-	0.026	0.54	<0.001	0.029	-	<0.05	<0.01	-	-
		0089_QC1MW_171120	Field_D	0.036	-	-	0.003	-	-	0.08	-	-	0.02	<0.002	<0.005	0.023	0.54	<0.001	0.03	0.053	-	<0.01	<0.002	-
		0089_QC2MW_171120	Interlab_D	0.02[#1]	<0.01	-	-	*2.4[#1]*	-	0.08[#1]	-	-	<0.05	-	-	-	-	-	0.04[#1]	0.06[#1]	<0.01	<0.01	-	-
	04 Dec 2017	0089_MW142_D_171204	Normal	0.028	<0.002	-	-	*1.7*	-	0.053	-	*0.79*	0.023	<0.002	<0.005	-	0.61	<0.001	-	0.056	-	<0.01	<0.002	-
		0089_MW142_S_171204	Normal	0.042	<0.002	-	0.016	*1.6*	-	0.082	-	*1*	-	<0.002	-	0.019	0.94	<0.001	-	0.077	<0.05	<0.01	-	-
		0089_QC1MW_171204	Field_D	0.04	<0.002	-	-	-	-	-	-	-	-	<0.002	-	0.019	1	-	-	0.076	<0.05	-	<0.002	-
		0089_QC2MW_171204	Interlab_D	0.03	<0.01	-	-	*2.3[#1]*	-	-	-	*1[#1]*	<0.05	<0.01	<0.01	-	0.82[#1]	<0.01	0.06[#1]	0.1[#1]	<0.01	<0.01	-	-
	17 Jan 2018	0089_MW142_D_1801117	Normal	0.02	<0.002	-	-	*1.1*	-	0.056	-	*0.8*	0.02	<0.002	<0.005	0.017	-	<0.001	-	0.047	<0.05	-	-	-
		0089_MW142_S_1801117	Normal	0.033	<0.002	-	0.024	*1.1*	-	0.079	-	-	0.023	<0.002	<0.005	0.024	0.74	-	-	0.066	-	-	<0.002	-
	01 Feb 2018	0089_MW142_D_180201	Normal	0.022	<0.002	-	-	*1.1*	-	0.042	-	-	0.02	<0.002	<0.005	0.02	0.45	-	0.044	0.046	<0.05	-	-	-
		0089_MW142_I_180201	Normal	0.039	-	-	0.022	*1.2*	-	0.082	-	*1.5*	0.03	<0.002	<0.005	-	1.1	-	0.087	0.098	-	-	-	-
		0089_MW142_S_180201	Normal	-	<0.002	-	0.037	-	-	-	-	-	-	-	<0.005	0.08	-	0.001	*0.21*	0.33	<0.05	<0.01	-	-
	08 Jan 2020	0089_MW142_200108	Normal	0.46	-	-	0.55	*7.34*	-	1.27	-	-	-	<0.02	<0.02	0.35	15.1	<0.02	-	-	<0.05	-	<0.02	-
	30 Mar 2020	0089_MW142_200330	Normal	-	-	-	-	*3.59*	-	1.33	-	*38.2*	-	<0.02	<0.02	0.63	-	-	*3.04*	-	<0.05	-	<0.02	-
	20 Jul 2020	0089_MW142_200720	Normal	<0.02	-	-	0.08	*1.23*	-	0.04	-	*1.87*	-	-	-	-	0.47	<0.02	*0.21*	0.04	-	<0.02	-	-
	23 Sep 2020	0089_MW142_200923	Normal	0.03	<0.02	-	-	-	-	0.08	-	*3.22*	<0.1	<0.02	-	0.04	1.04	<0.02	-	0.08	<0.05	-	<0.02	-
	14 Dec 2020	0089_MW142_201214	Normal	-	-	-	0.11	*2.4*	-	-	-	-	-	-	<0.02	0.04	1.27	<0.02	*0.24*	0.11	-	<0.02	<0.02	-
	16 Mar 2021	0089_MW142_210316	Normal	-	-	-	0.11	*3.13*	-	0.13	-	*3.7*	<0.1	-	<0.02	-	1.49	<0.02	*0.22*	-	-	<0.02	<0.02	-
	08 Jun 2021	0089_MW142_210608	Normal	0.09	<0.02	-	0.12	*2.5*	-	-	-	-	<0.1	<0.02	<0.02	-	-	<0.02	*0.3*	0.21	<0.05	<0.02	<0.02	-
	30 Aug 2021	0089_MW142_210830	Normal	-	-	-	0.11	*2.42*	-	0.16	-	*3.24*	-	<0.02	-	-	1.35	<0.02	-	0.15	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW142_220110	Normal	0.06	-	-	-	*3.33*	-	-	-	-	<0.1	<0.02	<0.02	<0.02	0.91	<0.02	0.14	-	-	<0.02	-	-
	15 Mar 2022	0089_MW142_220315	Normal	0.04	-	-	0.08	-	-	0.07	-	*1.93*	<0.1	<0.02	<0.02	0.03	1.26	<0.02	0.18	0.12	-	<0.02	-	-
	08 Jun 2022	0089_MW142_220608	Normal	-	-	-	0.05	-	-	0.07	-	*1.55*	<0.1	<0.02	<0.02	<0.02	0.67	<0.02	0.11	-	<0.05	<0.02	<0.02	-
	05 Sep 2022	0089_MW142_220905	Normal	0.11	<0.02	-	0.13	-	-	0.25	-	-	-	<0.02	<0.02	-	-	-	*0.41*	-	<0.05	-	<0.02	-
	12 Dec 2022	0089_MW142_221212	Normal	-	<0.02	-	-	*2.86*	-	0.25	-	*4.86*	<0.1	-	<0.02	0.1	2.95	<0.02	-	0.33	<0.05	<0.02	<0.02	-
	15 Mar 2023	0089_MW142_230315	Normal	0.14	<0.02	-	-	*3.07*	-	0.26	-	*4.45*	-	<0.02	-	0.08	3.31	<0.02	*0.29*	0.32	<0.05	<0.02	<0.02	-
	07 Jun 2023	0089_MW142_230607	Normal	-	<0.02	-	0.05	*0.86*	-	0.37	-	*5.12*	0.1	<0.02	<0.02	-	4.27	<0.02	*0.24*	-	<0.05	<0.02	-	-
	11 Sep 2023	0089_MW142_230911	Normal	0.17	<0.02	-	-	*3.27*	-	0.32	-	*4.19*	<0.1	<0.02	<0.02	-	3.07	<0.02	*0.33*	0.28	<0.05	<0.02	<0.02	-
	19 Dec 2023	0089_MW142_231219	Normal	0.15	-	-	0.14	*4.39*	-	-	-	-	-	<0.02	<0.02	-	2.82	<0.02	-	-	-	<0.02	-	-
	11 Mar 2024	0089_MW142_240311	Normal	0.22	-	-	0.07	*2.33*	-	-	-	*3.85*	-	<0.02	<0.02	-	4.06	<0.02	*0.24*	0.41	<0.05	<0.02	<0.02	-
	28 May 2024	0089_MW142_240528	Normal	0.08	-	-	0.05	-	-	0.13	-	-	-	-	<0.02	0.03	-	<0.02	0.13	-	<0.05	-	<0.02	-
	15 Jan 2025	0089_MW142_250115	Normal	0.06	<0.02	<0.02	0.02	*1.33*	<0.02	0.08	-	*1.16*	<0.1	<0.02	<0.02	<0.02	0.55	<0.02	0.06	0.04	<0.05	<0.02	<0.02	<0.05
				-	-	-	0.02	*1.33*	<0.02	0.08	<0.02	*1.16*	<0.1	-	<0.02	-	0.55	-	0.06	0.04	<0.05	<0.02	<0.02	-
	14 Mar 2025	0089_MW142_250314	Normal	0.08	<0.02	<0.02	<0.02	*1.08*	0.02	0.10	-	*0.74*	<0.1	<0.02	<0.02	<0.02	0.11	<0.02	0.02	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	<0.02	*1.08*	0.02	0.1	-	*0.74*	-	<0.02	-	<0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
	11 Jun 2025	0089_MW142_250611	Normal	<0.02	<0.02	<0.02	<0.02	*0.55*	<0.02	<0.02	-	*0.19*	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.02	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	<0.02	*0.55*	<0.02	<0.02	<0.02	-	-	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	-	<0.02	<0.05
	23 Sep 2025	0089_MW142_250923	Normal	<0.02	<0.02	<0.02	<0.02	*0.45*	<0.02	<0.02	-	*0.23*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW147	30 Oct 2010	C24-MB02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-
	18 Oct 2013	QC37	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-
		WA0006_C24_MB02	Normal	-	-	-	-	<0.02	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-
	26 May 2015	C24_MB02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	29 Sep 2015	C24_MB02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-
	25 Oct 2016	C24_MB02	Normal	-	-	-	-	*0.04[#3]*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01 Aug 2017	0089_MW147_S_170801	Normal	0.005	-	-	<0.001	*0.023*	-	0.013	-	*0.21*	-	-	-	-	0.053	-	0.002	-	-	<0.01	<0.002	-
	19 Sep 2017	0089_MW147_D_170919	Normal	0.003	-	-	<0.001	0.006	-	-	-	*0.093*	-	-	<0.005	-	-	-	-	-	<0.05	<0.01	<0.002	-
		0089_MW147_S_170919	Normal	-	-	-	<0.001	-	-	0.005	-	-	-	-	<0.005	<0.001	0.023	<0.001	0.001	<0.002	-	-	<0.002	-
	17 Oct 2017	0089_MW147_D_171017	Normal	0.003	-	-	<0.001	*0.009*	-	0.007	-	*0.13*	<0.002	<0.002	<0.005	-	0.018	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
		0089_MW147_S_171017	Normal	0.003	<0.002	-	<0.001	*0.012*	-	0.008	-	*0.16*	<0.002	<0.002	<0.005	<0.001	-	-	-	<0.002	-	<0.01	<0.002	-
	20 Nov 2017	0089_MW147_D_171120	Normal	0.003	-	-	-	-	-	-	-	*0.14*	<0.002	<0.002	<0.005	<0.001	0.018	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW147_S_171120	Normal	-	<0.002	-	-	-	-	0.012	-	-	<0.002	<0.002	<0.005	<0.001	-	-	-	<0.002	<0.05	<0.01	<0.002	-
	04 Dec 2017	0089_MW147_D_171204	Normal	-	<0.002	-	-	*0.011*	-	0.004	-	*0.07*	-	<0.002	-	<0.001	0.016	<0.001	<0.001	-	-	<0.01	<0.002	-
		0089_MW147_S_171204	Normal	0.002	-	-	<0.001	-	-	-	-	*0.13*	-	<0.002	<0.005	-	-	<0.001	<0.001	-	-	-	<0.002	-
	17 Jan 2018	0089_MW147_D_1801117	Normal	0.005	-	-	<0.001	-	-	0.011	-	*0.21*	0.003	-	-	<0.001	0.019	-	<0.001	<0.002	-	<0.01	<0.002	-
		0089_MW147_S_1801117	Normal	-	<0.002	-	<0.001	*0.01*	-	-	-	*0.4*	-	-	<0.005	<0.001	-	<0.001	-	<0.002	-	<0.01	-	-
	01 Feb 2018	0089_MW147_D_180201	Normal	0.006	-	-	<0.001	0.005	-	-	-	-	-	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	-	<0.01	<0.002	-
		0089_MW147_I_180201	Normal	0.005	<0.002	-	<0.001	-	-	-	-	*0.19*	-	<0.002	<0.005	-	-	-	-	<0.002	-	<0.01	-	-
		0089_MW147_S_180201	Normal	0.007	<0.002	-	<0.001	*0.009*	-	0.02	-	-	-	<0.002	-	<0.001	0.016	-	-	<0.002	<0.05	<0.01	<0.002	-
	20 Jul 2020	0089_MW147_200720	Normal	<0.02	-	-	<0.02	*0.05*	-	-	-	*0.19*	<0.1	<0.02	<0.02	<0.02	0.14	<0.02	-	<0.02	-	<0.02	-	-
	15 Mar 2023	0089_MW147_230315	Normal	<0.02	-	-	<0.02	*0.02*	-	-	-	*0.08*	-	<0.02	-	-	<0.02	-	<0.01	-	<0.05	<0.02	-	-
	07 Jun 2023	0089_MW147_230607	Normal	<0.02	-	-	-	-	-	<0.02	-	*0.34*	<0.1	-	-	<0.02	-	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	-
	11 Sep 2023	0089_MW147_230911	Normal	<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	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	23 Sep 2025	0089_MW141_250923	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	59.8	-	58.2	-	48.9	-
0089_MW142	01 Aug 2017	0089_MW142_S_170801	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	-	0.001	<0.001	-	-	-	-	-	-	-
	19 Sep 2017	0089_MW142_D_170919	Normal	<0.01	<0.002	-	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW142_S_170919	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	17 Oct 2017	0089_MW142_D_171017	Normal	<0.05	<0.002	-	<0.03	-	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW142_S_171017	Normal	<0.05	<0.002	-	<0.03	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_171017	Field_D	<0.05	-	<0.05	-	-	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_171017	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	3.98	-	-	-	3.41	-
	20 Nov 2017	0089_MW142_D_171120	Normal	<0.1	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW142_S_171120	Normal	<0.1	-	<0.05	<0.05	<0.002	-	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
		0089_QC1MW_171120	Field_D	-	<0.002	-	-	<0.002	-	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_171120	Interlab_D	<0.05	<0.05	<0.05	-	-	-	<0.05	-	<0.01	<0.05	-	-	3.67	-	-	-	2.97	-
	04 Dec 2017	0089_MW142_D_171204	Normal	-	-	-	<0.1	<0.002	-	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW142_S_171204	Normal	<0.2	<0.002	<0.05	<0.1	-	-	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
		0089_QC1MW_171204	Field_D	-	<0.002	<0.05	<0.01	<0.002	-	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_171204	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	-	4.41	4.34	-	-	3.3	-
	17 Jan 2018	0089_MW142_D_1801117	Normal	-	-	<0.05	-	-	-	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW142_S_1801117	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	0.002	-	-	-	-	-	-	-	-
	01 Feb 2018	0089_MW142_D_180201	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	-	-	-	-	-	-	-	-	-	-
		0089_MW142_I_180201	Normal	-	<0.002	<0.05	-	<0.002	<0.005	-	-	-	-	<0.001	-	-	-	-	-	-	-
		0089_MW142_S_180201	Normal	-	-	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	0.001	-	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW142_200108	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	44.7	-	-	-	24.3	-
	30 Mar 2020	0089_MW142_200330	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	-	41.8	-
	20 Jul 2020	0089_MW142_200720	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.97	-	-	-	-	-
	23 Sep 2020	0089_MW142_200923	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	-	-	-	-	-	-	-
	14 Dec 2020	0089_MW142_201214	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	5.61	-
	16 Mar 2021	0089_MW142_210316	Normal	<0.05	-	<0.05	<0.05	-	<0.05	-	-	-	-	<0.05	<0.05	9.03	8.79	-	-	6.83	-
	08 Jun 2021	0089_MW142_210608	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	-	9.39	-	-	6.71	-
	30 Aug 2021	0089_MW142_210830	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	-	7.5	-	-	-	-
	10 Jan 2022	0089_MW142_220110	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	-	<0.05	7.36	-	-	-	6	-
	15 Mar 2022	0089_MW142_220315	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	-	6.15	-	-	-	-
	08 Jun 2022	0089_MW142_220608	Normal	<0.05	-	<0.05	-	-	-	<0.02	-	-	<0.05	<0.05	<0.05	4.88	-	-	-	3.87	-
	05 Sep 2022	0089_MW142_220905	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	-	12.9	-	-	9.41	-
	12 Dec 2022	0089_MW142_221212	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	12	11.6	-	-	7.72	-
	15 Mar 2023	0089_MW142_230315	Normal	-	-	-	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	12.1	11.7	-	-	-	-
	07 Jun 2023	0089_MW142_230607	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.7	11.3	-	-	5.98	-
	11 Sep 2023	0089_MW142_230911	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	11.8	11.4	-	-	-	-
	19 Dec 2023	0089_MW142_231219	Normal	<0.05	-	-	<0.05	-	-	<0.02	-	<0.05	-	-	<0.05	12.7	12.3	-	-	8.72	-
	11 Mar 2024	0089_MW142_240311	Normal	<0.05	-	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	11.6	-	-	-	6.18	-
	28 May 2024	0089_MW142_240528	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	4.92	4.74	-	-	3.05	-
	15 Jan 2025	0089_MW142_250115	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.30	-	3.20	-	2.49	-
				-	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	3.3	-	-	-	-	-
	14 Mar 2025	0089_MW142_250314	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.15	-	2.03	-	1.82	-
				-	<0.02	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	2.15	2.03	-	-	1.82	-
	11 Jun 2025	0089_MW142_250611	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.82	-	0.82	-	0.74	-
				-	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.82	-	-	-	-
	23 Sep 2025	0089_MW142_250923	Normal	<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	-	0.68	-
0089_MW147	30 Oct 2010	C24-MB02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18 Oct 2013	QC37	Field_D	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
		WA0006_C24_MB02	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
	26 May 2015	C24_MB02	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-
	29 Sep 2015	C24_MB02	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
	25 Oct 2016	C24_MB02	Normal	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	01 Aug 2017	0089_MW147_S_170801	Normal	-	<0.002	-	<0.005	-	<0.005	<0.01	-	<0.001	0.003	<0.001	-	-	-	-	-	-	-
	19 Sep 2017	0089_MW147_D_170919	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW147_S_170919	Normal	-	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	17 Oct 2017	0089_MW147_D_171017	Normal	-	-	-	<0.03	-	-	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW147_S_171017	Normal	-	<0.002	<0.05	<0.03	-	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	20 Nov 2017	0089_MW147_D_171120	Normal	-	<0.002	-	-	<0.002	<0.005	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
		0089_MW147_S_171120	Normal	<0.1	-	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	04 Dec 2017	0089_MW147_D_171204	Normal	<0.02	-	<0.05	-	<0.002	<0.005	-	-	-	<0.001	-	-	-	-	-	-	-	-
		0089_MW147_S_171204	Normal	<0.02	-	<0.05	<0.01	<0.002	<0.005	<0.01	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	17 Jan 2018	0089_MW147_D_1801117	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW147_S_1801117	Normal	<0.01	-	<0.05	-	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	01 Feb 2018	0089_MW147_D_180201	Normal	<0.01	-	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW147_I_180201	Normal	<0.01	<0.002	<0.05	<0.005	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW147_S_180201	Normal	<0.01	-	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	20 Jul 2020	0089_MW147_200720	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.38	0.38	-	-	0.24	-
	15 Mar 2023	0089_MW147_230315	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	0.1	-
	07 Jun 2023	0089_MW147_230607	Normal	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	-	0.36	-
	11 Sep 2023	0089_MW147_230911	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	0.04	-	-	0.04	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	19 Dec 2023	0089_MW147_231219	Normal	<0.02	<0.02	-	-	*0.01*	-	<0.02	-	0.02	-	<0.02	-	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	11 Mar 2024	0089_MW147_240311	Normal	<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	-	-
	28 May 2024	0089_MW147_240528	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	15 Jan 2025	0089_MW147_250115	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.08*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	-	-	<0.02	-	-	0.07	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC125_250115	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.09*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	-	0.07	-	-	<0.02	<0.05	<0.02	-	-
		0089_QC225_250114	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	*0.09*[#1]	<0.05	<0.01	<0.01	<0.05	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	-	-	<0.01	<0.01	<0.01	<0.01	-	*0.09*[#1]	-	<0.01	<0.01	<0.05	-	-	<0.01	<0.01	-	<0.01	<0.01	-
	14 Mar 2025	0089_MW147_250314	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.08*	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	*0.08*	<0.1	<0.02	<0.02	-	0.06	<0.02	-	<0.02	<0.05	-	<0.02	<0.05
	11 Jun 2025	0089_MW147_250611	Normal	<0.02	<0.02	<0.02	<0.02	*0.03*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	*0.03*	<0.02	<0.02	<0.02	*0.05*	<0.1	-	<0.02	<0.02	0.03	<0.02	<0.01	-	<0.05	-	-	<0.05
	23 Sep 2025	0089_MW147_250923	Normal	<0.02	<0.02	<0.02	<0.02	*0.02*	<0.02	<0.02	-	*0.10*	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
		0089_QC118_250923	Field_D	<0.02	<0.02	<0.02	<0.02	*0.02*	<0.02	<0.02	-	*0.12*	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
		0089_QC218_250923	Interlab_D	<0.01	<0.01	<0.01	<0.01	*0.04*	<0.01	<0.01	-	*0.22*	<0.05	<0.01	<0.01	<0.05	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_MW149	01 Aug 2017	0089_MW149_S_170801	Normal	<0.001	<0.002	-	-	0.006	-	0.001	-	-	-	-	<0.005	0.001	0.002	-	0.001	<0.002	-	<0.01	-	-
	19 Sep 2017	0089_MW149_D_170919	Normal	<0.001	<0.002	-	-	-	-	<0.001	-	0.004	<0.002	-	-	<0.001	<0.001	-	<0.001	<0.002	<0.05	-	-	-
		0089_MW149_S_170919	Normal	-	<0.002	-	<0.001	0.007	-	-	-	<0.001	-	<0.002	<0.005	<0.001	-	<0.001	<0.001	-	-	-	<0.002	-
	17 Oct 2017	0089_MW149_D_171017	Normal	-	<0.002	-	<0.001	0.005	-	-	-	0.003	-	<0.002	<0.005	<0.001	<0.001	<0.001	-	<0.002	-	<0.01	<0.002	-
		0089_MW149_S_171017	Normal	0.001	<0.002	-	-	-	-	<0.001	-	-	0.004	-	<0.005	-	<0.001	<0.001	<0.001	<0.002	-	-	-	-
	20 Nov 2017	0089_MW149_D_171120	Normal	<0.001	-	-	<0.001	<0.001	-	<0.001	-	-	-	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	-	<0.01	-	-
		0089_MW149_S_171120	Normal	-	<0.002	-	-	0.003	-	<0.001	-	0.004	-	-	<0.005	<0.001	<0.001	-	-	<0.002	<0.05	<0.01	<0.002	-
	04 Dec 2017	0089_MW149_D_171204	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	-	<0.002	-	<0.005	<0.001	-	<0.001	<0.001	-	<0.05	<0.01	-	-
		0089_MW149_S_171204	Normal	-	<0.002	-	-	0.003	-	<0.001	-	0.002	0.004	-	<0.005	-	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	17 Jan 2018	0089_MW149_D_1801117	Normal	<0.001	<0.002	-	<0.001	0.002	-	<0.001	-	<0.001	-	-	<0.005	-	-	<0.001	-	<0.002	<0.05	<0.01	-	-
		0089_MW149_S_1801117	Normal	0.002	-	-	<0.001	-	-	<0.001	-	0.001	0.007	<0.002	<0.005	<0.001	0.003	<0.001	<0.001	-	<0.05	-	<0.002	-
		0089_QC1MW_S_1801117	Field_D	-	<0.002	-	-	-	-	<0.001	-	0.001	-	-	-	<0.001	-	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
		0089_QC2MW_180117	Interlab_D	<0.01	-	-	-	<0.01[#1]	-	<0.01	-	-	<0.05	-	<0.01	-	<0.01	-	-	-	-	-	<0.01	-
				<0.01	<0.01	-	-	-	-	<0.01	-	<0.01[#1]	<0.05	-	-	<0.01	-	<0.01	-	-	<0.01	<0.01	<0.01	-
	01 Feb 2018	0089_MW149_D_180201	Normal	<0.001	<0.002	-	<0.001	0.002	-	-	-	-	0.002	-	-	<0.001	<0.001	<0.001	-	<0.002	-	<0.01	-	-
		0089_MW149_I_180201	Normal	-	-	-	<0.001	0.003	-	<0.001	-	-	0.004	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW149_S_180201	Normal	-	<0.002	-	-	0.007	-	-	-	-	-	-	-	<0.001	-	-	<0.001	<0.002	<0.05	<0.01	-	-
	08 Jan 2020	0089_MW149_200108	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	-	-	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	30 Mar 2020	0089_MW149_200330	Normal	-	-	-	-	<0.01	-	<0.02	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	20 Jul 2020	0089_MW149_200720	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-
	23 Sep 2020	0089_MW149_200923	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-	-	-	<0.05	<0.02	-	-
	14 Dec 2020	0089_MW149_201214	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	-
	16 Mar 2021	0089_MW149_210316	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	-	-	-
	08 Jun 2021	0089_MW149_210608	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	-	<0.02	-
		0089_QC105_210608	Field_D	-	-	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
		0089_QC205_210608	Interlab_D	-	<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	-
	30 Aug 2021	0089_MW149_210830	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	-	<0.02	-
	10 Jan 2022	0089_MW149_220110	Normal	<0.02	<0.02	-	-	*0.05*	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	-	-	<0.02	-
	15 Mar 2022	0089_MW149_220315	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	-	-	-	<0.02	-	-
	08 Jun 2022	0089_MW149_220608	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	05 Sep 2022	0089_MW149_220905	Normal	-	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	-	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW149_221212	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	15 Mar 2023	0089_MW149_230315	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	07 Jun 2023	0089_MW149_230607	Normal	-	<0.02	-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	-	-
	11 Sep 2023	0089_MW149_230911	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	19 Dec 2023	0089_MW149_231219	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	<0.1	<0.02	-	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.02	-
	11 Mar 2024	0089_MW149_240311	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	-	<0.02	-
	28 May 2024	0089_MW149_240528	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	15 Jan 2025	0089_MW149_250115	Normal	<0.02	<0.02	<0.02	<0.02	*0.05*	<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	<0.02	<0.05
				<0.02	-	-	<0.02	*0.05*	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	-	-
	14 Mar 2025	0089_MW149_250314	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	-	<0.02	<0.05
	11 Jun 2025	0089_MW149_250611	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	-	-	<0.02	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	23 Sep 2025	0089_MW149_250923	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
0089_MW158	07 Aug 2017	0089_MW158_S_170807	Normal	<0.001	-	-	-	<0.001	-	<0.001	-	-	-	<0.002	<0.005	<0.001	-	<0.001	-	<0.002	<0.05	-	<0.002	-
	08 Jan 2020	0089_MW158_200108	Normal	-	<0.02	-	<0.02	*0.02*	-	<0.02	-	-	-	-	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	-	-	-
	31 Mar 2020	0089_MW158_200331	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	-	-	-
	21 Jul 2020	0089_MW158_200721	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	21 Sep 2020	0089_MW158_200921	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	-	-	-
	14 Dec 2020	0089_MW158_201214	Normal	<0.02	-	-	-	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	15 Mar 2021	0089_MW158_210315	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-	<0.02	-
	10 Jun 2021	0089_MW158_210610	Normal	<0.02	-	-	-	<0.01	-	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	30 Aug 2021	0089_MW158_210830	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	-	<0.02	-	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	-	-
		0089_QC110_210830	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	19 Dec 2023	0089_MW147_231219	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.03	0.03	-	-	0.03	-
	11 Mar 2024	0089_MW147_240311	Normal	<0.05	-	-	-	<0.02	-	-	-	<0.05	<0.05	<0.05	-	-	0.03	-	-	0.03	-
	28 May 2024	0089_MW147_240528	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	0.11	-	-	-	0.11	-
	15 Jan 2025	0089_MW147_250115	Normal	<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	-	0.08	-
				-	-	-	-	-	<0.05	-	-	<0.05	<0.05	-	<0.05	0.15	0.15	-	-	0.08	-
		0089_QC125_250115	Field_D	<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	-	0.09	-
				<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	0.16	-	-	-	0.09	-
		0089_QC225_250114	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.18	-	0.18	<0.01	0.09	0.09
				<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	-	<0.05	-	<0.01	0.18	-	-	<0.01	0.09	0.09
	14 Mar 2025	0089_MW147_250314	Normal	<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	-	0.08	-
				<0.05	<0.02	-	-	<0.02	<0.05	-	-	-	<0.05	-	<0.05	0.14	0.14	-	-	0.08	-
	11 Jun 2025	0089_MW147_250611	Normal	<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	-	0.08	-
				<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.11	-	-	-	-	-
	23 Sep 2025	0089_MW147_250923	Normal	<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	-	0.12	-
		0089_QC118_250923	Field_D	<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	-	0.14	-
		0089_QC218_250923	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.3	-	0.31	0.04	0.26	0.26
0089_MW149	01 Aug 2017	0089_MW149_S_170801	Normal	-	-	<0.05	<0.005	-	<0.005	-	-	<0.001	0.002	-	<0.001	-	-	-	-	-	-
	19 Sep 2017	0089_MW149_D_170919	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW149_S_170919	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	17 Oct 2017	0089_MW149_D_171017	Normal	<0.05	<0.002	-	-	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW149_S_171017	Normal	-	<0.002	<0.05	<0.03	<0.002	<0.005	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	20 Nov 2017	0089_MW149_D_171120	Normal	<0.1	-	<0.05	<0.05	-	<0.005	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW149_S_171120	Normal	-	<0.002	<0.05	<0.05	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	04 Dec 2017	0089_MW149_D_171204	Normal	<0.02	<0.002	-	<0.01	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW149_S_171204	Normal	<0.02	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	17 Jan 2018	0089_MW149_D_1801117	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW149_S_1801117	Normal	<0.01	<0.002	-	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_QC1MW_S_1801117	Field_D	-	<0.002	-	-	<0.002	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_180117	Interlab_D	<0.05	<0.05	<0.05	-	-	<0.05	-	-	<0.01	<0.05	-	-	-	-	-	-	-	-
				<0.05	-	-	-	<0.05	-	<0.05	-	-	<0.05	<0.01	-	-	-	<0.05	-	-	<0.01	-
	01 Feb 2018	0089_MW149_D_180201	Normal	<0.01	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW149_I_180201	Normal	<0.01	-	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-
		0089_MW149_S_180201	Normal	<0.01	<0.002	<0.05	-	<0.002	-	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW149_200108	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	30 Mar 2020	0089_MW149_200330	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	20 Jul 2020	0089_MW149_200720	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	23 Sep 2020	0089_MW149_200923	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	14 Dec 2020	0089_MW149_201214	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	-	<0.05	-	-	-	-	<0.01	-
	16 Mar 2021	0089_MW149_210316	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	08 Jun 2021	0089_MW149_210608	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC105_210608	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-
		0089_QC205_210608	Interlab_D	-	-	<0.05	<0.05	<0.05	-	-	-	<0.01	<0.05	-	<0.01	-	-	-	<0.01	<0.01	-
	30 Aug 2021	0089_MW149_210830	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	10 Jan 2022	0089_MW149_220110	Normal	-	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.06	0.06	-	-	-	-
	15 Mar 2022	0089_MW149_220315	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	<0.01	-
	08 Jun 2022	0089_MW149_220608	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	05 Sep 2022	0089_MW149_220905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	12 Dec 2022	0089_MW149_221212	Normal	-	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	15 Mar 2023	0089_MW149_230315	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	07 Jun 2023	0089_MW149_230607	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	<0.01	-
	11 Sep 2023	0089_MW149_230911	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	-	-	<0.05	-	-	<0.01	-	-	-	-
	19 Dec 2023	0089_MW149_231219	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-
	11 Mar 2024	0089_MW149_240311	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	28 May 2024	0089_MW149_240528	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	15 Jan 2025	0089_MW149_250115	Normal	<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	-
				-	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.05	-	-	-	-	-
	14 Mar 2025	0089_MW149_250314	Normal	<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	-
				-	<0.02	-	-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	11 Jun 2025	0089_MW149_250611	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	23 Sep 2025	0089_MW149_250923	Normal	<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	-
0089_MW158	07 Aug 2017	0089_MW158_S_170807	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW158_200108	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	0.15	<0.05	<0.05	0.17	0.17	-	-	0.02	-
	31 Mar 2020	0089_MW158_200331	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-
	21 Jul 2020	0089_MW158_200721	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	-	-	-	-	-
	21 Sep 2020	0089_MW158_200921	Normal	<0.05	<0.02	-	-	-	<0.05	-	-	-	<0.05	-	-	-	<0.01	-	-	-	-
	14 Dec 2020	0089_MW158_201214	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	15 Mar 2021	0089_MW158_210315	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	-	<0.01	-	-	<0.01	-
	10 Jun 2021	0089_MW158_210610	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	30 Aug 2021	0089_MW158_210830	Normal	-	<0.02	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC110_210830	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC210_210830	Interlab_D	<0.01	-	-	-	<0.01	-	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-
	15 Mar 2022	0089_MW158_220315	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	-	-	-
	07 Jun 2022	0089_MW158_220607	Normal	<0.02	-	-	-	<0.01	-	-	-	-	-	-	<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	<0.02	-
	05 Sep 2022	0089_MW158_220905	Normal	<0.02	<0.02	-	-	-	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW158_221212	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	13 Mar 2023	0089_MW158_230313	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	-	-	-
	06 Jun 2023	0089_MW158_230606	Normal	<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	<0.02	-
	04 Sep 2023	0089_MW158_230904	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	12 Dec 2023	0089_MW158_231212	Normal	-	<0.02	-	-	-	-	<0.02	-	<0.01	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	12 Mar 2024	0089_MW158_240312	Normal	-	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	-	-	-	-	<0.01	-	<0.05	-	-	-
	27 May 2024	0089_MW158_240527	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	12 Dec 2024	0089_MW158_241212	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	-	-	-	-	-
	12 Mar 2025	0089_MW158_250312	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC110_250312	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC210_250312	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	09 Jun 2025	0089_MW158_250606	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	-	<0.1	-	-	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
0089_MW161	07 Aug 2017	0089_MW161_S_170807	Normal	0.022	<0.002	-	0.027	*6.1*	-	0.019	-	*0.28*	0.048	-	-	-	0.099	-	-	0.033	-	<0.01	<0.002	-
	18 Sep 2017	0089_MW161_S_170918	Normal	0.029	<0.002	-	-	*5.6*	-	0.021	-	*0.4*	0.063	<0.002	<0.005	0.072	0.098	-	0.03	0.092	<0.05	-	<0.002	-
	19 Oct 2017	0089_MW161_S_171019	Normal	0.11	<0.002	-	0.064	*8.7*	-	0.084	-	-	0.1	<0.002	<0.005	0.11	-	0.0099	-	0.2	-	-	-	-
	15 Nov 2017	0089_MW161_S_171115	Normal	0.049	-	-	0.12	*8.6*	-	0.04	-	*0.71*	-	<0.002	<0.005	-	-	0.021	-	0.2	<0.05	<0.01	<0.002	-
	07 Dec 2017	0089_MW161_S_171207	Normal	-	-	-	0.04	*7*	-	0.042	-	*0.48*	0.12	-	<0.005	-	0.29	0.02	0.064	-	-	-	<0.002	-
	16 Jan 2018	0089_MW161_S_180116	Normal	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	0.33	-	-	0.34	<0.05	<0.01	-	-
	08 Jan 2020	0089_MW161_200108	Normal	0.04	<0.02	-	-	-	-	-	-	*0.71*	-	<0.02	<0.02	0.1	0.37	-	0.1	0.45	<0.05	<0.02	<0.02	-
	01 Apr 2020	0089_MW161_200401	Normal	0.09	-	-	0.31	-	-	0.12	-	-	<0.1	<0.02	-	0.11	0.36	<0.02	*0.2*	0.32	<0.05	<0.02	-	-
	21 Jul 2020	0089_MW161_200721	Normal	-	-	-	0.42	*10.5*	-	-	-	*2.53*	0.1	<0.02	<0.02	-	0.36	-	*0.23*	-	<0.05	<0.02	-	-
	21 Sep 2020	0089_MW161_200921	Normal	-	<0.02	-	0.22	*10.6*	-	0.05	-	-	<0.1	-	<0.02	-	-	0.02	-	-	<0.05	<0.02	-	-
	14 Dec 2020	0089_MW161_201214	Normal	0.03	<0.02	-	0.14	-	-	0.04	-	*1.15*	-	<0.02	<0.02	0.08	-	0.02	-	0.17	<0.05	<0.02	-	-
	15 Mar 2021	0089_MW161_210315	Normal	0.05	<0.02	-	0.11	*7.16*	-	-	-	-	<0.1	<0.02	<0.02	0.06	0.17	-	0.08	-	-	-	<0.02	-
	10 Jun 2021	0089_MW161_210610	Normal	0.05	<0.02	-	-	*6.04*	-	-	-	-	<0.1	-	-	-	0.21	0.02	0.09	0.27	-	<0.02	-	-
	30 Aug 2021	0089_MW161_210830	Normal	-	-	-	0.08	-	-	0.02	-	-	<0.1	<0.02	<0.02	-	0.16	<0.02	0.08	0.2	<0.05	-	<0.02	-
	10 Jan 2022	0089_MW161_220110	Normal	0.08	-	-	0.14	-	-	-	-	*0.89*	<0.1	<0.02	<0.02	-	-	<0.02	0.1	0.14	<0.05	<0.02	<0.02	-
	15 Mar 2022	0089_MW161_220315	Normal	0.03	-	-	-	-	-	0.02	-	*0.35*	<0.1	-	<0.02	0.1	-	-	0.06	0.2	<0.05	<0.02	<0.02	-
	07 Jun 2022	0089_MW161_220607	Normal	-	-	-	0.11	-	-	0.06	-	-	<0.1	<0.02	-	-	0.23	-	0.09	0.15	<0.05	<0.02	<0.02	-
	05 Sep 2022	0089_MW161_220905	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	*0.23*	-	<0.02	<0.02	0.03	0.08	<0.02	0.02	0.08	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW161_221212	Normal	<0.02	-	-	0.03	*4.55*	-	-	-	*0.1*	<0.1	<0.02	<0.02	-	0.09	<0.02	0.02	0.11	-	<0.02	<0.02	-
	13 Mar 2023	0089_MW161_230313	Normal	<0.02	<0.02	-	0.03	*2.85*	-	-	-	-	-	<0.02	-	0.02	-	<0.02	0.02	0.04	<0.05	-	-	-
	06 Jun 2023	0089_MW161_230606	Normal	-	-	-	<0.02	-	-	<0.02	-	*0.08*	<0.1	<0.02	<0.02	0.03	-	<0.02	-	0.06	<0.05	<0.02	<0.02	-
	04 Sep 2023	0089_MW161_230904	Normal	<0.02	-	-	0.03	-	-	-	-	*0.26*	<0.1	-	<0.02	-	0.09	<0.02	0.03	0.06	<0.05	<0.02	<0.02	-
		0089_QC104_230904	Field_D	-	<0.02	-	0.03	*2.71*	-	-	-	-	<0.1	<0.02	-	-	0.1	-	0.03	0.06	<0.05	<0.02	<0.02	-
		0089_QC204_230904	Interlab_D	-	<0.01	-	0.03[#1]	*2.5*[#1]	<0.01	0.02[#1]	<0.01	-	-	<0.01	<0.01	-	0.08	-	-	0.07	-	<0.01	-	-
	12 Mar 2024	0089_MW161_240312	Normal	<0.02	-	-	-	*2.74*	-	0.02	-	*0.21*	<0.1	<0.02	-	-	0.05	-	0.02	-	<0.05	<0.02	<0.02	-
	13 Jun 2024	0089_MW161_240613	Normal	0.0087	-	-	0.0157	-	-	0.009	0.0005	*0.144*	0.0249	-	<0.0005	-	0.0541	-	0.0168	-	<0.0039[#2]	<0.0005	-	-
	12 Dec 2024	0089_MW161_241212	Normal	<0.02	<0.02	<0.02	<0.02	*0.60*	<0.02	<0.02	-	*0.16*	<0.1	<0.02	<0.02	0.03	0.06	<0.02	0.02	0.05	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	*0.6*	<0.02	<0.02	<0.02	-	-	<0.02	<0.02	0.03	-	<0.02	0.02	0.05	<0.05	<0.02	<0.02	-
	12 Mar 2025	0089_MW158_250312	Normal	<0.02	<0.02	<0.02	<0.02	*0.37*	<0.02	<0.02	-	*0.34*	<0.1	<0.02	<0.02	0.02	0.05	<0.02	0.03	0.05	<0.05	<0.02	<0.02	<0.05
	09 Jun 2025	0089_MW161_250609	Normal	0.03	<0.02	<0.02	0.02	*0.60*	<0.02	<0.02	-	*0.18*	<0.1	<0.02	<0.02	0.02	0.06	<0.02	0.02	0.05	<0.05	<0.02	<0.02	<0.05
				0.03	<0.02	-	-	*0.6*	-	<0.02	<0.02	*0.18*	<0.1	<0.02	-	0.02	0.06	<0.02	-	0.05	<0.05	-	-	<0.05
	23 Sep 2025	0089_MW161_250923	Normal	0.04	<0.02	<0.02	<0.02	*0.78*	<0.02	0.05	-	*0.25*	<0.1	<0.02	<0.02	0.03	0.12	<0.02	0.01	0.06	<0.05	<0.02	<0.02	<0.05
0089_MW166	07 Aug 2017	0089_MW166_S_170807	Normal	-	-	-	-	-	-	0.025	-	*0.32*	-	<0.002	<0.005	0.054	0.13	-	-	-	<0.05	-	<0.002	-
	18 Sep 2017	0089_MW166_S_170918	Normal	-	<0.002	-	-	*2.1*	-	0.02	-	*0.44*	-	<0.002	<0.005	0.097	-	-	0.074	0.16	<0.05	<0.01	<0.002	-
	19 Oct 2017	0089_MW166_S_171019	Normal	0.052	-	-	0.075	*1.9*	-	0.037	-	*0.32*	0.074	-	<0.005	0.076	0.17	0.005	-	0.17	-	-	<0.002	-
	15 Nov 2017	0089_MW166_S_171115	Normal	-	<0.002	-	-	-	-	0.043	-	-	-	-	<0.005	-	-	0.004	0.07	-	-	<0.01	-	-
	07 Dec 2017	0089_MW166_S_171207	Normal	0.047	<0.002	-	0.069	*1.8*	-	0.03	-	*0.37*	-	-	<0.005	0.09	0.21	0.003	0.064	0.17	<0.05	-	<0.002	-
	16 Jan 2018	0089_MW166_S_180116	Normal	-	<0.002	-	0.089	-	-	0.031	-	*0.54*	0.094	<0.002	<0.005	0.077	-	-	0.056	-	<0.05	-	-	-
	08 Jan 2020	0089_MW166_200108	Normal	0.05	<0.02	-	0.08	-	-	-	-	*0.72*	-	<0.02	<0.02	0.09	0.25	<0.02	0.06	0.26	<0.05	-	<0.02	-
	01 Apr 2020	0089_MW166_200401	Normal	0.08	-	-	-	*14.8*	-	-	-	*1.13*	<0.1	<0.02	<0.02	-	0.27	-	-	-	-	<0.02	-	-
	21 Jul 2020	0089_MW166_200721	Normal	0.07	-	-	0.49	*14.1*	-	0.08	-	*1.89*	<0.1	<0.02	<0.02	0.12	0.35	0.03	-	0.29	-	-	-	-
	22 Sep 2020	0089_MW166_200922	Normal	0.04	-	-	-	*8.39*	-	0.04	-	*0.97*	<0.1	<0.02	<0.02	0.12	0.28	<0.02	0.1	0.31	<0.05	-	<0.02	-
	14 Dec 2020	0089_MW166_201214	Normal	0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	-	0.2	<0.02	-	0.22	<0.05	-	<0.02	-
	15 Mar 2021	0089_MW166_210315	Normal	-	-	-	-	*8.4*	-	0.03	-	*0.74*	<0.1	-	<0.02	-	-	0.02	0.08	0.26	<0.05	<0.02	<0.02	-
	10 Jun 2021	0089_MW166_210610	Normal	0.04	-	-	0.49	*8.51*	-	-	-	*2.27*	0.1	<0.02	-	-	-	0.02	0.16	-	<0.05	<0.02	-	-
	30 Aug 2021	0089_MW166_210830	Normal	0.03	<0.02	-	0.22	*8.16*	-	0.04	-	-	-	<0.02	<0.02	0.14	-	-	0.09	-	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW166_220110	Normal	<0.02	-	-	0.16	-	-	0.04	-	-	<0.1	<0.02	-	0.16	0.37	<0.02	-	-	<0.05	<0.02	-	-
	15 Mar 2022	0089_MW166_220315	Normal	0.04	<0.02	-	0.22	-	-	-	-	-	0.1	<0.02	-	0.2	0.5	-	-	-	<0.05	-	<0.02	-
	07 Jun 2022	0089_MW166_220607	Normal	-	-	-	0.2	-	-	-	-	*0.77*	-	<0.02	<0.02	0.17	-	0.02	0.1	-	-	<0.02	<0.02	-
	05 Sep 2022	0089_MW166_220905	Normal	<0.02	<0.02	-	0.08	-	-	-	-	-	<0.1	<0.02	<0.02	0.12	-	<0.02	0.06	-	<0.05	-	<0.02	-
	12 Dec 2022	0089_MW166_221212	Normal	-	<0.02	-	0.18	*7.8*	-	0.07	-	*1.16*	0.1	<0.02	<0.02	0.15	-	<0.02	-	-	-	-	<0.02	-
	13 Mar 2023	0089_MW166_230313	Normal	0.04	<0.02	-	0.17	*3.85*	-	0.03	-	-	0.1	<0.02	<0.02	0.13	0.23	-	-	0.25	<0.05	<0.02	<0.02	-
	06 Jun 2023	0089_MW166_230606	Normal	0.05	-	-	0.11	-	-	-	-	*0.69*	<0.1	<0.02	-	0.15	-	0.02	-	0.25	<0.05	-	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC210_210830	Interlab_D	<0.05	-	<0.05	<0.05	-	-	<0.05	-	<0.01	-	-	<0.01	-	<0.05	-	-	-	<0.01
	15 Mar 2022	0089_MW158_220315	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	07 Jun 2022	0089_MW158_220607	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	05 Sep 2022	0089_MW158_220905	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	12 Dec 2022	0089_MW158_221212	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.01	-	-	-	<0.01	-
	13 Mar 2023	0089_MW158_230313	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	06 Jun 2023	0089_MW158_230606	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	04 Sep 2023	0089_MW158_230904	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	12 Dec 2023	0089_MW158_231212	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	12 Mar 2024	0089_MW158_240312	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	27 May 2024	0089_MW158_240527	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	<0.01	-	-	-	-	-
	12 Dec 2024	0089_MW158_241212	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	12 Mar 2025	0089_MW158_250312	Normal	<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	-
		0089_QC110_250312	Field_D	<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	-
		0089_QC210_250312	Interlab_D	<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
	09 Jun 2025	0089_MW158_250606	Normal	<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	-
				-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	-	-
0089_MW161	07 Aug 2017	0089_MW161_S_170807	Normal	<0.01	<0.002	-	-	-	<0.005	<0.01	-	-	0.015	<0.001	-	-	-	-	-	-	-
	18 Sep 2017	0089_MW161_S_170918	Normal	<0.01	<0.002	<0.05	-	<0.002	-	<0.01	-	-	0.011	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW161_S_171019	Normal	-	-	-	<0.005	<0.002	-	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
	15 Nov 2017	0089_MW161_S_171115	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	-	0.024	<0.001	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW161_S_171207	Normal	<0.01	<0.002	-	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	16 Jan 2018	0089_MW161_S_180116	Normal	<0.01	<0.002	<0.05	-	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW161_200108	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	-	<0.05	18.2	18	-	-	16.8	-
	01 Apr 2020	0089_MW161_200401	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	-	-	14.3	-	-	13.2	-
	21 Jul 2020	0089_MW161_200721	Normal	-	<0.02	-	-	<0.02	<0.05	-	-	-	-	-	<0.05	-	14.3	-	-	13	-
	21 Sep 2020	0089_MW161_200921	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	13.5	13.2	-	-	12.3	-
	14 Dec 2020	0089_MW161_201214	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	-	-	-	8.97	8.77	-	-	8.21	-
	15 Mar 2021	0089_MW161_210315	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	-	-	<0.05	<0.05	8.72	8.54	-	-	-	-
	10 Jun 2021	0089_MW161_210610	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	-	7.5	-	-	6.8	-
	30 Aug 2021	0089_MW161_210830	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	6.25	6.15	-	-	-	-
	10 Jan 2022	0089_MW161_220110	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	-	7.33	7.11	-	-	6.34	-
	15 Mar 2022	0089_MW161_220315	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	5.11	-	-	-	-	-
	07 Jun 2022	0089_MW161_220607	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	5.83	-	-	-	-	-
	05 Sep 2022	0089_MW161_220905	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	-	<0.05	3.49	-	-	-	-	-
	12 Dec 2022	0089_MW161_221212	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	4.94	4.91	-	-	-	-
	13 Mar 2023	0089_MW161_230313	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	3.18	3.15	-	-	3.03	-
	06 Jun 2023	0089_MW161_230606	Normal	-	<0.02	-	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	2.61	2.61	-	-	2.46	-
	04 Sep 2023	0089_MW161_230904	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.16	3.11	-	-	2.89	-
		0089_QC104_230904	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	-	<0.05	-	-	-	-	2.96	-
		0089_QC204_230904	Interlab_D	-	<0.05	<0.05	-	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	3.04	-	-	-	2.76	-
	12 Mar 2024	0089_MW161_240312	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	-	-
	13 Jun 2024	0089_MW161_240613	Normal	-	<0.0005	<0.001	<0.004[#2]	<0.0005	<0.001	<0.0005	-	<0.001	0.003	-	-	-	-	-	-	0.624	-
	12 Dec 2024	0089_MW161_241212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.92	-	0.92	-	0.76	-
				-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	0.92	-	-	0.76	-
	12 Mar 2025	0089_MW161_250312	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.86	-	0.86	-	0.71	-
	09 Jun 2025	0089_MW161_250609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.98	-	0.96	-	0.78	-
				-	-	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.98	0.96	-	-	-	-
	23 Sep 2025	0089_MW161_250923	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.34	-	1.29	-	1.03	-
0089_MW166	07 Aug 2017	0089_MW166_S_170807	Normal	-	-	-	<0.005	-	<0.005	<0.01	-	-	0.021	<0.001	<0.001	-	-	-	-	-	-
	18 Sep 2017	0089_MW166_S_170918	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	-	0.013	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW166_S_171019	Normal	<0.01	-	-	-	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	15 Nov 2017	0089_MW166_S_171115	Normal	<0.01	-	-	-	<0.002	-	<0.01	-	-	0.012	<0.001	-	-	-	-	-	-	-
	07 Dec 2017	0089_MW166_S_171207	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	0.011	-	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW166_S_180116	Normal	-	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW166_200108	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	9.67	-
	01 Apr 2020	0089_MW166_200401	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	-	-	17.2	16.8	-	-	-	-
	21 Jul 2020	0089_MW166_200721	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	-	-	-	17.6	17	-	-	-	-
	22 Sep 2020	0089_MW166_200922	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	10.4	10.2	-	-	-	-
	14 Dec 2020	0089_MW166_201214	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	8.67	-	-	-	8	-
	15 Mar 2021	0089_MW166_210315	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	9.14	-
	10 Jun 2021	0089_MW166_210610	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	12.6	12	-	-	10.8	-
	30 Aug 2021	0089_MW166_210830	Normal	<0.05	<0.02	-	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	10.2	9.92	-	-	-	-
	10 Jan 2022	0089_MW166_220110	Normal	-	<0.02	-	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	8.94	-	-	8.03	-
	15 Mar 2022	0089_MW166_220315	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	9.43	-	-	-	7.81	-
	07 Jun 2022	0089_MW166_220607	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	9.94	9.69	-	-	8.67	-
	05 Sep 2022	0089_MW166_220905	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	-	7.35	-	-	6.7	-
	12 Dec 2022	0089_MW166_221212	Normal	-	-	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	10.1	-	-	8.96	-
	13 Mar 2023	0089_MW166_230313	Normal	<0.05	<0.02	-	-	<0.02	-	-	-	-	<0.05	-	-	5.75	-	-	-	-	-
	06 Jun 2023	0089_MW166_230606	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	5.54	-	-	4.78	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	04 Sep 2023	0089_MW166_230904	Normal	0.06	<0.02	-	-	*3.91*	-	0.03	-	-	-	<0.02	<0.02	-	0.25	<0.02	0.09	0.24	<0.05	<0.02	<0.02	-
	12 Dec 2023	0089_MW166_231212	Normal	-	<0.02	-	0.03	-	-	0.06	-	*0.2*	-	-	<0.02	<0.02	-	<0.02	0.02	<0.02	-	-	-	-
	12 Mar 2024	0089_MW166_240312	Normal	0.07	<0.02	-	0.07	*4.89*	-	-	-	*0.47*	-	<0.02	-	-	0.3	0.04	0.09	-	<0.05	-	<0.02	-
	27 May 2024	0089_MW166_240527	Normal	-	-	-	0.49	*5.61*	-	0.03	-	-	0.1	<0.02	-	-	0.3	-	-	0.31	<0.05	<0.02	-	-
		0089_QC101_240527	Field_D	-	-	-	0.5	*6.11*	-	0.03	-	*1.62*	0.1	<0.02	-	-	0.3	0.04	-	-	<0.05	<0.02	<0.02	-
		0089_QC201_240527	Interlab_D	0.12	<0.01	-	1.1	*13*	0.04	0.07	-	-	-	-	<0.01	-	-	0.06	*0.3*[#1]	0.52	<0.01	-	-	-
	12 Jun 2024	0089_MW166_240612	Normal	0.0406	<0.0005	-	-	*4.57*	-	0.0317	-	*0.576*	-	-	<0.0005	-	0.247	-	-	0.248	-	<0.0005	-	-
	12 Dec 2024	0089_MW166_241212	Normal	0.04	<0.02	<0.02	0.09	*6.88*	<0.02	<0.02	-	*0.46*	<0.1	<0.02	<0.02	0.13	0.24	0.04	0.08	0.30	<0.05	<0.02	<0.02	<0.05
				0.04	<0.02	-	0.09	-	<0.02	-	<0.02	-	<0.1	<0.02	<0.02	0.13	0.24	-	0.08	0.3	<0.05	-	-	-
	12 Mar 2025	0089_MW166_250312	Normal	0.11	<0.02	<0.02	0.16	*6.18*	<0.02	0.03	-	*0.74*	0.1	<0.02	<0.02	0.15	0.29	0.03	0.10	0.35	<0.05	<0.02	<0.02	<0.05
	09 Jun 2025	0089_MW166_250609	Normal	0.08	<0.02	<0.02	0.89	*8.25*	<0.02	0.06	-	*2.52*	0.2	<0.02	<0.02	0.18	0.43	0.03	*0.24*	0.37	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.89	-	-	0.06	-	*2.52*	0.2	-	<0.02	-	0.43	0.03	-	0.37	<0.05	-	-	<0.05
	23 Sep 2025	0089_MW166_250923	Normal	0.04	<0.02	<0.02	0.12	*3.54*	<0.02	0.03	-	*0.50*	<0.1	<0.02	<0.02	0.13	0.24	0.02	0.07	0.29	<0.05	<0.02	<0.02	<0.05
0089_MW171	07 Aug 2017	0089_MW171_S_170807	Normal	*1.6*	<0.002	-	-	-	-	0.87	-	-	-	<0.002	-	0.11	2	<0.001	-	0.44	-	<0.01	<0.002	-
	18 Sep 2017	0089_MW171_S_170918	Normal	-	-	-	0.22	-	-	1.2	-	*4.1*	0.72	-	-	0.16	1.7	-	*0.25*	-	<0.05	<0.01	-	-
	19 Oct 2017	0089_MW171_S_171019	Normal	-	-	-	0.21	*0.17*	-	0.89	-	-	-	<0.002	<0.005	0.095	-	-	*0.22*	0.48	<0.05	<0.01	-	-
	15 Nov 2017	0089_MW171_S_171115	Normal	*1.5*	<0.002	-	-	-	-	0.82	-	-	0.63	<0.002	-	-	-	-	*0.24*	-	<0.05	-	<0.002	-
	07 Dec 2017	0089_MW171_S_171207	Normal	-	-	-	0.23	*0.29*	-	1.4	-	*3.7*	0.68	-	-	-	2.6	<0.001	*0.26*	0.53	<0.05	<0.01	-	-
	16 Jan 2018	0089_MW171_S_180116	Normal	*1.7*	<0.002	-	0.4	-	-	-	-	*4.6*	0.88	<0.002	<0.005	0.2	-	<0.001	-	0.6	<0.05	<0.01	-	-
	01 Apr 2020	0089_MW171_200401	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-
	21 Jul 2020	0089_MW171_200721	Normal	-	-	-	-	*0.45*	-	-	-	-	-	-	-	-	0.06	<0.02	-	0.06	<0.05	<0.02	<0.02	-
	14 Dec 2020	0089_MW171_201214	Normal	0.04	<0.02	-	<0.02	-	-	<0.02	-	*0.06*	<0.1	<0.02	-	0.03	-	-	<0.01	0.04	<0.05	<0.02	<0.02	-
	15 Mar 2021	0089_MW171_210315	Normal	-	<0.02	-	<0.02	*0.03*	-	0.03	-	-	-	-	<0.02	<0.02	-	<0.02	-	0.04	-	-	-	-
	10 Jun 2021	0089_MW171_210610	Normal	-	-	-	<0.02	-	-	-	-	-	<0.1	<0.02	-	<0.02	-	-	-	<0.02	<0.05	<0.02	-	-
	30 Aug 2021	0089_MW171_210830	Normal	0.14	-	-	<0.02	<0.01	-	0.08	-	*0.35*	<0.1	-	<0.02	<0.02	0.19	<0.02	<0.01	0.06	<0.05	-	-	-
	10 Jan 2022	0089_MW171_220110	Normal	0.1	<0.02	-	<0.02	<0.01	-	-	-	*0.18*	-	-	-	<0.02	0.12	-	<0.01	0.02	<0.05	<0.02	-	-
	15 Mar 2022	0089_MW171_220315	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	*0.03*	-	<0.02	<0.02	<0.02	0.02	-	<0.01	<0.02	-	-	<0.02	-
	07 Jun 2022	0089_MW171_220607	Normal	0.09	<0.02	-	<0.02	*0.03*	-	-	-	*0.24*	-	<0.02	-	0.03	-	-	<0.01	0.05	-	<0.02	<0.02	-
	05 Sep 2022	0089_MW171_220905	Normal	0.03	<0.02	-	-	<0.01	-	<0.02	-	*0.08*	<0.1	<0.02	-	<0.02	0.05	-	<0.01	-	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW171_221212	Normal	-	<0.02	-	-	*0.02*	-	0.07	-	*0.32*	<0.1	-	-	0.05	0.2	<0.02	0.01	0.09	-	-	<0.02	-
	13 Mar 2023	0089_MW171_230313	Normal	-	<0.02	-	<0.02	-	-	0.04	-	*0.2*	<0.1	<0.02	-	-	0.12	-	-	-	-	<0.02	-	-
		0089_QC103_230313	Field_D	0.03	<0.02	-	<0.02	-	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC203_230313	Interlab_D	-	-	-	<0.01	<0.01	0.02	<0.01	<0.01	*0.05*[#1]	-	-	<0.01	-	-	<0.01	<0.01	0.01	<0.01	-	-	-
	06 Jun 2023	0089_MW171_230606	Normal	*1.17*	-	-	-	-	-	0.67	-	*5.05*	0.6	<0.02	<0.02	-	-	<0.02	*0.3*	0.5	-	-	<0.02	-
	04 Sep 2023	0089_MW171_230904	Normal	*1*	<0.02	-	-	*0.87*	-	0.59	-	-	0.5	<0.02	<0.02	0.13	1.55	<0.02	*0.25*	0.43	-	<0.02	-	-
	12 Dec 2023	0089_MW171_231212	Normal	0.39	<0.02	-	0.04	*0.03*	-	0.29	-	*1.18*	0.2	<0.02	<0.02	0.04	-	<0.02	0.03	0.14	<0.05	<0.02	<0.02	-
	12 Mar 2024	0089_MW171_240312	Normal	0.5	<0.02	-	-	*0.03*	-	-	-	-	0.2	-	<0.02	-	0.74	<0.02	0.04	-	-	-	<0.02	-
	27 May 2024	0089_MW171_240527	Normal	*1.28*	<0.02	-	0.97	*2.19*	-	0.73	-	*5.71*	-	<0.02	<0.02	0.18	1.87	<0.02	-	0.56	-	<0.02	-	-
	12 Dec 2024	0089_MW171_241212	Normal	*1.22*	<0.02	<0.02	0.86	*2.55*	1.02	0.70	-	*4.91*	0.6	<0.02	<0.02	0.14	1.61	<0.02	*0.32*	0.50	<0.05	<0.02	<0.02	<0.05
				1.22	-	-	0.86	*2.55*	1.02	-	-	*4.91*	0.6	<0.02	-	0.14	-	<0.02	-	0.5	<0.05	<0.02	-	-
	12 Mar 2025	0089_MW171_250312	Normal	*1.37*	<0.02	<0.02	0.97	*2.42*	1.01	0.80	-	*5.43*	0.6	<0.02	<0.02	0.18	1.62	<0.02	*0.44*	0.48	<0.05	<0.02	<0.02	<0.05
	09 Jun 2025	0089_MW171_250609	Normal	*1.61*	<0.02	<0.02	1.04	*2.65*	0.96	1.21	-	*6.95*	0.8	<0.02	<0.02	0.21	2.44	<0.02	*0.39*	0.54	<0.05	<0.02	<0.02	<0.05
				1.61	<0.02	-	1.04	*2.65*	0.96	-	<0.02	*6.95*	0.8	-	-	-	2.44	<0.02	*0.39*	-	<0.05	<0.02	-	<0.05
		0089_QC106_250609	Field_D	*1.55*	<0.02	<0.02	0.94	*2.73*	1.12	1.02	-	*7.26*	0.7	<0.02	<0.02	0.21	2.32	<0.02	*0.41*	0.65	<0.05	<0.02	<0.02	<0.05
	23 Sep 2025	0089_MW171_250923	Normal	*1.14*	<0.02	<0.02	0.97	*1.53*	0.94	0.84	-	*5.05*	0.5	<0.02	<0.02	0.14	1.61	<0.02	*0.28*	0.47	<0.05	<0.02	<0.02	<0.05
0089_MW171D	08 Jan 2020	0089_MW171_D_200108	Normal	-	<0.02	-	-	*0.01*	-	<0.02	-	*0.03*	<0.1	<0.02	-	<0.02	0.02	-	-	<0.02	-	<0.02	<0.02	-
0089_MW172	07 Aug 2017	0089_MW172_S_170807	Normal	<0.001	<0.002	-	-	<0.001	-	<0.001	-	0.001	-	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	-	<0.05	-	<0.002	-
	08 Jun 2022	0089_MW172_220608	Normal	-	-	-	1.63	-	-	1.32	-	*6.7*	0.6	<0.02	<0.02	0.28	3.23	<0.02	*0.66*	0.72	-	<0.02	<0.02	-
	06 Sep 2022	0089_MW172_220906	Normal	-	<0.02	-	2.37	*17.4*	-	-	-	*12.2*	0.5	<0.02	<0.02	0.23	-	<0.02	*0.59*	0.61	<0.05	-	-	-
	12 Dec 2022	0089_MW172_221212	Normal	-	<0.02	-	2.27	*17.9*	-	-	-	*12.7*	-	<0.02	<0.02	-	-	<0.02	*0.75*	0.78	<0.05	<0.02	<0.02	-
	13 Mar 2023	0089_MW172_230313	Normal	*1.33*	<0.02	-	2.31	*9.34*	-	0.54	-	*8.48*	0.6	-	<0.02	0.16	2.05	-	*0.48*	-	<0.05	<0.02	<0.02	-
	06 Jun 2023	0089_MW172_230606	Normal	-	<0.02	-	1.68	*7.52*	-	0.94	-	*8.23*	0.5	<0.02	<0.02	0.21	2.48	<0.02	*0.6*	0.53	<0.05	-	-	-
	27 May 2024	0089_MW172_240527	Normal	*1.43*	<0.02	-	-	*8.89*	-	0.97	-	*9.33*	0.5	-	<0.02	0.25	-	<0.02	*0.65*	0.6	-	<0.02	-	-
		0089_QC104_240527	Field_D	*1.15*	<0.02	-	-	-	-	0.74	-	*7.77*	-	-	<0.02	0.2	-	<0.02	*0.53*	-	<0.05	<0.02	<0.02	-
		0089_QC204_240527	Interlab_D	-	<0.01	-	3.3	-	1.6	1.8	-	*15*	-	<0.01	<0.01	0.35[#1]	3.5	0.01	*1*[#1]	0.82	-	<0.01	-	-
0089_MW173	09 Aug 2017	0089_MW173_S_170809	Normal	-	-	-	-	-	-	-	-	-	0.023	<0.002	-	-	-	<0.001	0.014	-	<0.05	<0.01	<0.002	-
	18 Sep 2017	0089_MW173_S_170918	Normal	-	<0.002	-	<0.001	-	-	-	-	-	0.022	-	<0.005	-	0.034	-	0.017	0.02	<0.05	-	<0.002	-
	19 Oct 2017	0089_MW173_S_171019	Normal	-	<0.002	-	<0.001	0.002	-	0.024	-	*0.052*	0.01	<0.002	<0.01	0.002	0.02	<0.001	0.016	-	<0.1	<0.02	<0.002	-
	15 Nov 2017	0089_MW173_S_171115	Normal	0.048	<0.002	-	-	<0.001	-	0.029	-	-	0.02	-	<0.005	0.002	-	-	0.016	0.01	-	<0.01	<0.002	-
	07 Dec 2017	0089_MW173_S_171207	Normal	0.044	-	-	<0.001	0.007	-	0.021	-	-	0.02	<0.002	-	0.003	-	-	0.014	-	-	-	-	-
	16 Jan 2018	0089_MW173_S_180116	Normal	0.02	<0.002	-	<0.001	-	-	-	-	-	0.004	<0.002	-	<0.001	0.003	-	0.008	-	<0.05	-	-	-
	16 Jan 2020	0089_MW173_200117	Normal	0.43	-	-	<0.02	*0.02*	-	-	-	*1.17*	0.1	-	<0.02	-	-	-	0.04	0.13	-	-	-	-
	31 Mar 2020	0089_MW173_200331	Normal	-	0.76	-	0.2	*0.23*	-	0.39	-	*2.78*	0.2	<0.02	<0.02	0.14	1.22	-	0.17	0.28	<0.05	<0.02	<0.02	-
	22 Jul 2020	0089_MW173_200722	Normal	-	-	-	-	-	-	-	-	-	0.2	-	<0.02	0.3	2.18	<0.02	*0.62*	-	<0.05	<0.02	<0.02	-
	16 Mar 2021	0089_MW173_210316	Normal	0.3	<0.02	-	0.74	*3.97*	-	-	-	*4.02*	<0.1	<0.02	<0.02	0.18	0.69	<0.02	-	0.27	-	-	<0.02	-
		0089_QC114_210316	Field_D	-	<0.02	-	0.76	*4.45*	-	0.33	-	*4.49*	-	<0.02	<0.02	0.18	0.68	<0.02	*0.63*	0.27	<0.05	<0.02	<0.02	-
		0089_QC214_210316	Interlab_D	0.22	<0.01	-	0.41[#1]	*4.5*[#1]	0.06	-	-	*5.1*[#1]	0.12	-	<0.01	0.14[#1]	0.5	<0.01	-	0.21	<0.01	<0.01	<0.01	-
	10 Jun 2021	0089_MW173_210610	Normal	0.29	<0.02	-	1.21	*6.41*	-	0.31	-	*6.64*	0.1	<0.02	-	0.25	-	<0.02	*1.1*	0.32	-	-	<0.02	-
	15 Mar 2022	0089_MW173_220315	Normal	0.35	-	-	0.51	*5.42*	-	0.28	-	-	<0.1	<0.02	<0.02	0.15	-	<0.02	*0.45*	0.18	<0.05	-	-	-
	08 Jun 2022	0089_MW173_220608	Normal	0.2	<0.02	-	0.8	-	-	0.18	-	-	<0.1	<0.02	-	-	0.5	-	*0.54*	0.19	-	-	-	-
	05 Sep 2022	0089_MW173_220905	Normal	0.21	<0.02	-	-	-	-	0.18	-	*3.74*	<0.1	<0.02	-	-	-	<0.02	-	-	-	<0.02	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	04 Sep 2023	0089_MW166_230904	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	4.54	-
	12 Dec 2023	0089_MW166_231212	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.05	-	<0.05	3.67	-	-	-	3.5	-
	12 Mar 2024	0089_MW166_240312	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	0.07	<0.05	<0.05	-	-	-	-	5.36	-
	27 May 2024	0089_MW166_240527	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	-	-	8.37	-	-	7.2	-
		0089_QC101_240527	Field_D	-	-	<0.05	<0.05	<0.02	-	<0.02	-	-	0.06	-	<0.05	9.47	8.9	-	-	7.73	-
		0089_QC201_240527	Interlab_D	-	<0.05	<0.05	-	-	-	-	-	<0.01	-	-	<0.01	-	-	-	13.3	-	-
	12 Jun 2024	0089_MW166_240612	Normal	<0.008[#2]	-	<0.001	-	<0.0005	<0.001	0.0016	-	-	0.041	-	<0.001	6.42	6.06	-	-	-	-
	12 Dec 2024	0089_MW166_241212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.07	<0.05	<0.05	8.33	-	8.20	-	7.34	-
				<0.05	-	-	<0.05	-	-	<0.02	-	<0.05	0.07	<0.05	<0.05	8.33	8.2	-	-	7.34	-
	12 Mar 2025	0089_MW166_250312	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.24	-	8.02	-	6.92	-
	09 Jun 2025	0089_MW166_250609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	13.2	-	12.3	-	10.8	-
				-	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	-	<0.05	-	12.3	-	-	-	-
	23 Sep 2025	0089_MW166_250923	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	4.98	-	4.81	-	4.04	-
0089_MW171	07 Aug 2017	0089_MW171_S_170807	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	18 Sep 2017	0089_MW171_S_170918	Normal	<0.01	-	-	<0.005	<0.002	<0.005	-	-	-	0.006	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW171_S_171019	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	15 Nov 2017	0089_MW171_S_171115	Normal	<0.01	<0.002	<0.05	-	-	<0.005	-	-	<0.001	0.005	-	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW171_S_171207	Normal	-	-	-	-	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW171_S_180116	Normal	<0.01	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	0.004	-	<0.001	-	-	-	-	-	-
	01 Apr 2020	0089_MW171_200401	Normal	<0.05	-	-	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	21 Jul 2020	0089_MW171_200721	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-
	14 Dec 2020	0089_MW171_201214	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.23	0.23	-	-	-	-
	15 Mar 2021	0089_MW171_210315	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	-	<0.05	-	-	-	-	-	-
	10 Jun 2021	0089_MW171_210610	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	30 Aug 2021	0089_MW171_210830	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	0.35	-
	10 Jan 2022	0089_MW171_220110	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	-
	15 Mar 2022	0089_MW171_220315	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	0.05	-	-	-	0.03	-
	07 Jun 2022	0089_MW171_220607	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	-	-	-	-	-	-	-	-
	05 Sep 2022	0089_MW171_220905	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	0.16	-	-	-	-	-
	12 Dec 2022	0089_MW171_221212	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	-	-	-	-	-	-	-
	13 Mar 2023	0089_MW171_230313	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.55	-	-	-	-	-
		0089_QC103_230313	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	-	-	-	0.14	0.14	-	-	0.07	-
		0089_QC203_230313	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	<0.01	0.13	-	-	<0.01	0.05	0.05
	06 Jun 2023	0089_MW171_230606	Normal	-	-	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	12	-	-	-	6.12	-
	04 Sep 2023	0089_MW171_230904	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.1	-	-	-	-	-
	12 Dec 2023	0089_MW171_231212	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	-
	12 Mar 2024	0089_MW171_240312	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	-	-	-	-	1.29	-
	27 May 2024	0089_MW171_240527	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	14.5	12.8	-	-	7.9	-
	12 Dec 2024	0089_MW171_241212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	14.4	-	11.8	-	7.46	-
				-	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	14.4	11.8	-	-	7.46	-
	12 Mar 2025	0089_MW171_250312	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	15.3	-	12.5	-	7.85	-
	09 Jun 2025	0089_MW171_250609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	18.8	-	15.6	-	9.60	-
				<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	18.8	-	-	-	9.6	-
		0089_QC106_250609	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	18.9	-	15.8	-	9.99	-
	23 Sep 2025	0089_MW171_250923	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	13.5	-	10.7	-	6.58	-
0089_MW171D	08 Jan 2020	0089_MW171_D_200108	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	0.15	<0.05	<0.05	0.21	-	-	-	0.04	-
0089_MW172	07 Aug 2017	0089_MW172_S_170807	Normal	-	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	08 Jun 2022	0089_MW172_220608	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	-	23.4	20.4	-	-	-	-
	06 Sep 2022	0089_MW172_220906	Normal	<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	-	39	35.4	-	-	29.6	-
	12 Dec 2022	0089_MW172_221212	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	41.7	-	-	-	30.6	-
	13 Mar 2023	0089_MW172_230313	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	25.7	-	-	-	-	-
	06 Jun 2023	0089_MW172_230606	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	<0.05	-	<0.05	-	24	-	-	-	-	-
	27 May 2024	0089_MW172_240527	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	18.2	-
		0089_QC104_240527	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	24.9	22.3	-	-	17.6	-
		0089_QC204_240527	Interlab_D	-	-	-	-	<0.05	-	<0.05	-	<0.01	0.07	<0.01	<0.01	-	-	-	-	35	36
0089_MW173	09 Aug 2017	0089_MW173_S_170809	Normal	-	-	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Sep 2017	0089_MW173_S_170918	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW173_S_171019	Normal	-	<0.002	<0.05	-	-	<0.005	<0.01	-	-	-	<0.001	<0.002	-	-	-	-	-	-
	15 Nov 2017	0089_MW173_S_171115	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW173_S_171207	Normal	-	<0.002	-	<0.005	-	<0.005	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-
	16 Jan 2018	0089_MW173_S_180116	Normal	-	<0.002	-	-	<0.002	<0.005	<0.01	-	-	-	-	-	-	-	-	-	-	-
	16 Jan 2020	0089_MW173_200117	Normal	<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	0.13	-	<0.05	3.05	-	-	-	1.19	-
	31 Mar 2020	0089_MW173_200331	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	7.05	-	-	-	-	-
	22 Jul 2020	0089_MW173_200722	Normal	-	<0.02	-	<0.05	-	<0.05	<0.02	-	-	-	-	-	-	-	-	-	-	-
	16 Mar 2021	0089_MW173_210316	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	<0.05	<0.05	-	10.2	-	-	7.99	-
		0089_QC114_210316	Field_D	-	-	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	-	11.1	-	-	-	-
		0089_QC214_210316	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	-	0.07	<0.01	<0.01	12.03	-	-	5	-	-
	10 Jun 2021	0089_MW173_210610	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	0.23	-	-	17.7	16.1	-	-	-	-
	15 Mar 2022	0089_MW173_220315	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	9.63	-
	08 Jun 2022	0089_MW173_220608	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	0.06	-	<0.05	15.7	14.7	-	-	13.2	-
	05 Sep 2022	0089_MW173_220905	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	11.2	10.5	-	-	9.2	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	12 Dec 2022	0089_MW173_221212	Normal	-	<0.02	-	0.5	*6.34*	-	0.14	-	*3.3*	-	<0.02	<0.02	-	0.43	-	*0.34*	0.16	-	-	-	-
	13 Mar 2023	0089_MW173_230313	Normal	0.19	<0.02	-	0.4	-	-	-	-	*2.24*	-	-	<0.02	-	0.31	<0.02	*0.23*	0.09	<0.05	-	<0.02	-
	06 Jun 2023	0089_MW173_230606	Normal	0.14	<0.02	-	-	*3.99*	-	-	-	*1.93*	<0.1	-	-	-	0.29	<0.02	*0.22*	0.08	-	-	-	-
	04 Sep 2023	0089_MW173_230904	Normal	0.12	<0.02	-	0.33	*2.6*	-	-	-	-	-	<0.02	-	-	0.23	<0.02	0.15	-	<0.05	<0.02	<0.02	-
	13 Dec 2023	0089_MW173_231213	Normal	0.11	-	-	0.25	-	-	0.08	-	*1.35*	<0.1	-	<0.02	0.03	0.19	-	0.16	-	-	<0.02	<0.02	-
	13 Mar 2024	0089_MW173_240313	Normal	-	<0.02	-	-	*2.7*	-	0.07	-	*1.38*	-	<0.02	<0.02	0.04	-	<0.02	-	0.06	-	-	<0.02	-
	27 May 2024	0089_MW173_240527	Normal	-	<0.02	-	0.18	-	-	0.04	-	-	-	<0.02	<0.02	-	0.18	-	-	0.07	-	<0.02	<0.02	-
	12 Dec 2024	0089_MW173_241212	Normal	0.09	<0.02	<0.02	0.18	*2.14*	<0.02	0.07	-	*1.16*	<0.1	<0.02	<0.02	0.02	0.17	<0.02	0.10	0.05	<0.05	<0.02	<0.02	<0.05
				0.09	<0.02	-	0.18	-	<0.02	0.07	-	*1.16*	<0.1	<0.02	<0.02	0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
	20 Mar 2025	0089_MW173_250320	Normal	0.14	<0.02	<0.02	0.28	*2.98*	0.03	0.10	-	*1.72*	<0.1	<0.02	<0.02	0.04	0.35	<0.02	0.17	0.08	<0.05	<0.02	<0.02	<0.05
				-	-	-	0.28	*2.98*	-	-	<0.02	*1.72*	<0.1	-	<0.02	-	0.35	-	0.17	-	<0.05	<0.02	-	-
	10 Jun 2025	0089_MW173_250610	Normal	0.15	<0.02	<0.02	0.28	*2.49*	0.03	0.11	-	*1.53*	<0.1	<0.02	<0.02	0.06	0.46	<0.02	0.18	0.11	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	*2.49*	0.03	-	-	*1.53*	-	-	<0.02	-	-	<0.02	-	-	<0.05	<0.02	-	-
	18 Sep 2025	0089_MW173_250918	Normal	0.18	<0.02	<0.02	0.34	*3.09*	0.03	0.13	-	*1.80*	<0.1	<0.02	<0.02	0.06	0.43	<0.02	0.16	0.11	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	*3.09*	-	0.13	<0.02	-	<0.1	<0.02	-	0.06	-	<0.02	-	-	<0.05	<0.02	<0.02	<0.05
0089_MW193	08 Aug 2017	0089_MW193_S_170808	Normal	*1.5*	<0.002	-	0.33	*3*	-	1.4	-	*8.8*	0.33	<0.002	-	-	-	0.004	*0.53*	0.42	<0.05	-	<0.002	-
	18 Sep 2017	0089_MW193_S_170918	Normal	-	-	-	-	-	-	1.7	-	-	0.34	<0.002	<0.005	-	2.3	-	*0.37*	0.19	<0.05	<0.01	<0.002	-
	19 Oct 2017	0089_MW193_S_171019	Normal	-	<0.002	-	0.36	*2.3*	-	1.2	-	*6.2*	-	<0.002	<0.005	-	2.4	0.001	-	0.43	<0.05	<0.01	<0.002	-
	15 Nov 2017	0089_MW193_S_171115	Normal	-	<0.002	-	0.28	*1.5*	-	1	-	*6.1*	0.2	<0.002	<0.005	-	2.5	0.002	-	0.36	<0.05	-	<0.002	-
	07 Dec 2017	0089_MW193_S_171207	Normal	*1.2*	-	-	0.26	*2*	-	1.4	-	-	-	<0.002	<0.005	0.28	3.2	0.003	*0.43*	-	-	-	-	-
	16 Jan 2018	0089_MW193_S_180116	Normal	*1.1*	-	-	0.28	*1.1*	-	0.83	-	*5.7*	0.31	-	-	0.23	2.4	-	-	0.37	<0.05	<0.01	<0.002	-
	08 Jan 2020	0089_MW193_200108	Normal	0.84	<0.02	-	-	*1.01*	-	0.82	-	*8.2*	-	<0.02	<0.02	0.16	1.95	-	-	0.41	<0.05	<0.02	<0.02	-
	31 Mar 2020	0089_MW193_200331	Normal	*1.36*	<0.02	-	0.9	*3.62*	-	-	-	-	0.4	<0.02	<0.02	0.31	-	<0.02	*0.81*	0.62	<0.05	-	<0.02	-
	15 Jul 2020	0089_MW193_200715	Normal	*1.08*	<0.02	-	0.71	*2.67*	-	1.31	-	*10.6*	0.2	<0.02	-	0.26	2.5	-	*0.66*	-	<0.05	<0.02	<0.02	-
	16 Dec 2020	0089_MW193_201216	Normal	0.76	-	-	-	*1.56*	-	-	-	*6.87*	0.2	<0.02	-	0.12	1.43	<0.02	*0.33*	0.27	<0.05	<0.02	<0.02	-
	16 Mar 2021	0089_MW193_210316	Normal	-	-	-	0.7	*2.08*	-	-	-	-	-	-	<0.02	-	-	<0.02	-	-	-	<0.02	-	-
	10 Jun 2021	0089_MW193_210610	Normal	0.89	<0.02	-	0.45	*1.9*	-	-	-	*8.21*	0.2	<0.02	<0.02	0.17	2.01	<0.02	-	0.36	-	<0.02	-	-
	30 Aug 2021	0089_MW193_210830	Normal	*1.08*	-	-	-	*4.45*	-	1.31	-	-	-	<0.02	-	0.22	-	-	*0.6*	-	<0.05	-	<0.02	-
		0089_QC113_210830	Field_D	*1.07*	-	-	0.8	-	-	1.21	-	*8.17*	0.2	<0.02	<0.02	-	-	<0.02	-	-	<0.05	-	-	-
		0089_QC213_210830	Interlab_D	*1*	<0.01	-	0.81[#1]	*5.4*[#1]	-	0.75[#1]	-	*7.6*[#1]	0.24	<0.1	-	0.23	-	<0.1	-	-	<0.01	<0.01	-	-
	10 Jan 2022	0089_MW193_220110	Normal	0.55	<0.02	-	0.25	-	-	0.45	-	*5.67*	0.1	<0.02	<0.02	0.09	1.28	<0.02	-	0.2	-	-	<0.02	-
	15 Mar 2022	0089_MW193_220315	Normal	*1.11*	<0.02	-	0.52	-	-	1.42	-	*11.9*	0.2	<0.02	<0.02	0.24	-	-	*0.74*	-	<0.05	-	<0.02	-
	07 Jun 2022	0089_MW193_220607	Normal	0.61	-	-	0.52	-	-	0.74	-	*8.14*	0.2	<0.02	-	0.14	-	<0.02	*0.6*	0.33	-	<0.02	-	-
	05 Sep 2022	0089_MW193_220905	Normal	0.55	<0.02	-	0.65	-	-	0.97	-	*9.84*	-	-	<0.02	-	-	<0.02	-	0.27	-	-	<0.02	-
	12 Dec 2022	0089_MW193_221212	Normal	-	<0.02	-	0.26	-	-	-	-	*4.81*	<0.1	<0.02	-	0.08	0.81	<0.02	*0.29*	0.22	-	-	<0.02	-
	13 Mar 2023	0089_MW193_230313	Normal	0.56	<0.02	-	0.49	*1.67*	-	0.51	-	-	0.1	-	-	-	1.07	-	*0.39*	0.2	-	<0.02	<0.02	-
	06 Jun 2023	0089_MW193_230606	Normal	0.31	<0.02	-	0.31	*1.9*	-	0.38	-	*4.11*	-	-	<0.02	0.06	-	-	-	0.14	-	<0.02	<0.02	-
	04 Sep 2023	0089_MW193_230904	Normal	0.16	<0.02	-	0.16	*1.34*	-	0.26	-	-	-	<0.02	-	0.05	0.4	<0.02	0.16	0.06	-	<0.02	<0.02	-
	13 Dec 2023	0089_MW193_231213	Normal	-	-	-	0.32	*1.49*	-	0.64	-	*5.19*	-	<0.02	<0.02	-	-	<0.02	-	-	<0.05	<0.02	-	-
	12 Mar 2024	0089_MW193_240312	Normal	0.78	<0.02	-	-	*3.5*	-	-	-	-	0.3	<0.02	<0.02	0.26	1.62	0.04	-	0.34	-	-	-	-
	27 May 2024	0089_MW193_240527	Normal	0.73	-	-	-	-	-	0.9	-	-	0.2	<0.02	<0.02	0.27	1.7	0.04	*0.64*	0.38	-	<0.02	<0.02	-
		0089_QC105_240527	Field_D	0.75	<0.02	-	0.81	*3.63*	-	0.94	-	*10.9*	0.2	-	-	-	1.8	0.04	-	0.4	-	-	<0.02	-
		0089_QC205_240527	Interlab_D	-	<0.01	-	-	*6.1*	-	1.8	<0.01	*21*	-	<0.01	<0.01	0.4[#1]	-	-	*1.6*[#1]	0.69	-	<0.01	-	-
	12 Dec 2024	0089_MW193_241212	Normal	0.31	<0.02	<0.02	0.39	*4.43*	0.12	0.50	-	*5.24*	<0.1	<0.02	<0.02	0.13	0.76	0.03	*0.36*	0.12	<0.05	<0.02	<0.02	<0.05
				0.31	-	-	0.39	-	0.12	0.5	<0.02	-	<0.1	<0.02	-	0.13	-	0.03	-	-	<0.05	-	-	-
	20 Mar 2025	0089_MW193_250320	Normal	0.22	<0.02	<0.02	0.20	*1.08*	0.07	0.37	-	*3.34*	<0.1	<0.02	<0.02	0.10	0.55	<0.02	*0.27*	0.11	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.2	-	-	-	-	*3.34*	-	-	-	0.1	0.55	<0.02	-	0.11	-	<0.02	-	-
	10 Jun 2025	0089_MW193_250610	Normal	0.31	<0.02	<0.02	0.52	*1.61*	0.08	0.88	-	*7.23*	<0.1	<0.02	<0.02	0.19	0.89	0.03	*0.41*	0.15	<0.05	<0.02	<0.02	<0.05
				0.31	<0.02	-	0.52	-	0.08	0.88	<0.02	-	-	-	<0.02	-	0.89	-	*0.41*	0.15	<0.05	<0.02	<0.02	-
0089_MW195D	08 Aug 2017	0089_MW195_D_170808	Normal	0.002	<0.002	-	-	-	-	0.002	-	0.021	<0.002	<0.002	<0.005	0.001	-	<0.001	-	<0.002	-	<0.01	<0.002	-
		0089_QC1MW_S_170808	Field_D	0.002	<0.002	-	<0.001	<0.001	-	0.002	-	-	<0.002	<0.002	-	0.001	-	<0.001	-	<0.002	-	<0.01	-	-
		0089_QC2MW_170808	Interlab_D	-	-	-	<0.01	<0.01	-	-	-	0.02[#1]	<0.05	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	-
	08 Jan 2020	0089_MW195-D_200108	Normal	<0.02	-	-	-	*0.02*	-	<0.02	-	<0.02	<0.1	-	-	0.05	-	<0.02	-	0.2	<0.05	<0.02	-	-
	31 Mar 2020	0089_MW195_D_200331	Normal	<0.02	-	-	-	<0.01	-	-	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	-	-	-	-	-	-
	15 Jul 2020	0089_MW195_D_200715	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	-	-	<0.02	-	<0.01	<0.02	<0.05	-	-	-
	21 Sep 2020	0089_MW195-D_200921	Normal	-	<0.02	-	-	*0.01*	-	-	-	<0.02	-	<0.02	<0.02	-	0.06	<0.02	<0.01	0.08	<0.05	<0.02	<0.02	-
	16 Dec 2020	0089_MW195D_201216	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	16 Mar 2021	0089_MW195D_210316	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
		0089_QC115_210316	Field_D	-	-	-	<0.02	*0.01*	-	-	-	<0.02	-	-	<0.02	-	-	-	<0.01	-	-	<0.02	<0.02	-
		0089_QC215_210316	Interlab_D	-	<0.01	-	<0.01	-	-	<0.01	-	-	0.07	<0.01	<0.01	0.1	-	-	-	-	-	<0.01	-	-
	08 Jun 2021	0089_QC212_210609	Interlab_D	-	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-	0.05[#1]	-	<0.01	-	-	<0.01	-	-	-
	09 Jun 2021	0089_MW195D_210609	Normal	-	-	-	-	*0.02*	-	-	-	-	<0.1	-	-	0.05	0.08	-	<0.01	-	<0.05	<0.02	<0.02	-
		0089_QC112_210609	Field_D	-	<0.02	-	<0.02	*0.02*	-	<0.02	-	-	-	<0.02	-	-	0.11	-	<0.01	0.14	-	-	<0.02	-
	30 Aug 2021	0089_MW195D_210830	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
		0089_QC111_210830	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
		0089_QC211_210830	Interlab_D	-	-	-	<0.01	-	-	<0.01	<0.01	-	<0.05	<0.01	<0.01	-	-	-	<0.01	-	-	<0.01	<0.01	-
	10 Jan 2022	0089_MW195D_220110	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	-	-	-	<0.02	<0.05	<0.02	-	-
	15 Mar 2022	0089_MW195D_220315	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	-	0.04	0.04	-	<0.01	-	<0.05	-	<0.02	-
	07 Jun 2022	0089_MW195D_220607	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	-	-	-	<0.1	<0.02	-	0.08	-	<0.02	-	-	-	<0.02	-	-
	05 Sep 2022	0089_MW195D_220905	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	-	-	<0.02	-
	12 Dec 2022	0089_MW195D_221212	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	12 Dec 2022	0089_MW173_221212	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	11.5	-	-	-	9.64	-
	13 Mar 2023	0089_MW173_230313	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	7.79	7.3	-	-	-	-
	06 Jun 2023	0089_MW173_230606	Normal	-	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	-	<0.05	7.14	6.69	-	-	5.92	-
	04 Sep 2023	0089_MW173_230904	Normal	-	<0.02	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.28	4.87	-	-	4.27	-
	13 Dec 2023	0089_MW173_231213	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	-	-	-	3.75	-
	13 Mar 2024	0089_MW173_240313	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	4.97	-	-	-	4.08	-
	27 May 2024	0089_MW173_240527	Normal	-	-	-	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	-	3.62	-	-	-	-
	12 Dec 2024	0089_MW173_241212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.98	-	3.73	-	3.30	-
				<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	-	-	-	3.98	3.73	-	-	3.3	-
	20 Mar 2025	0089_MW173_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.89	-	5.48	-	4.70	-
				-	-	<0.05	-	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	5.89	5.48	-	-	-	-
	10 Jun 2025	0089_MW173_250610	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.40	-	4.98	-	4.02	-
				<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	-	-	-	5.4	4.98	-	-	4.02	-
	18 Sep 2025	0089_MW173_250918	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.33	-	5.83	-	4.89	-
				<0.05	-	-	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	6.33	-	-	-	4.89	-
0089_MW193	08 Aug 2017	0089_MW193_S_170808	Normal	<0.01	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	0.015	-	-	-	-	-	-	-	-
	18 Sep 2017	0089_MW193_S_170918	Normal	<0.01	-	<0.05	-	<0.002	<0.005	-	-	-	-	-	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW193_S_171019	Normal	<0.01	<0.002	-	<0.005	-	-	<0.01	-	-	0.004	<0.001	-	-	-	-	-	-	-
	15 Nov 2017	0089_MW193_S_171115	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	0.012	<0.001	-	-	-	-	-	-	-
	07 Dec 2017	0089_MW193_S_171207	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16 Jan 2018	0089_MW193_S_180116	Normal	-	-	<0.05	<0.005	-	<0.005	<0.01	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW193_200108	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	14.5	-	-	-	9.21	-
	31 Mar 2020	0089_MW193_200331	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	-	-	<0.05	-	27.9	-	-	-	-
	15 Jul 2020	0089_MW193_200715	Normal	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	-	-	20.5	18.4	-	-	-	-
	16 Dec 2020	0089_MW193_201216	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	12.4	-	-	-	8.43	-
	16 Mar 2021	0089_MW193_210316	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	19.4	17.4	-	-	-	-
	10 Jun 2021	0089_MW193_210610	Normal	<0.05	<0.02	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	-	-	-	10.1	-
	30 Aug 2021	0089_MW193_210830	Normal	-	-	-	-	<0.02	-	<0.02	-	-	<0.05	<0.05	-	-	18.4	-	-	-	-
		0089_QC113_210830	Field_D	-	<0.02	-	-	-	<0.05	<0.02	-	<0.05	-	<0.05	-	-	16.8	-	-	11.9	-
		0089_QC213_210830	Interlab_D	<0.05	<0.1	-	-	<0.1	-	<0.05	-	<0.1	-	<0.1	-	20.42	-	-	6.04	13	13.64
	10 Jan 2022	0089_MW193_220110	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	-	-	9.16	-	-	6.6	-
	15 Mar 2022	0089_MW193_220315	Normal	-	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	19.7	-	-	13.8	-
	07 Jun 2022	0089_MW193_220607	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	-	14.5	13.3	-	-	-	-
	05 Sep 2022	0089_MW193_220905	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	<0.05	-	17.8	-	-	-	-	-
	12 Dec 2022	0089_MW193_221212	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	-	<0.05	8.65	7.92	-	-	6.15	-
	13 Mar 2023	0089_MW193_230313	Normal	<0.05	<0.02	-	-	-	-	-	-	-	<0.05	-	<0.05	11.6	-	-	-	8.2	-
	06 Jun 2023	0089_MW193_230606	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	-	7.51	-	-	6.01	-
	04 Sep 2023	0089_MW193_230904	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	-	-	<0.05	<0.05	4.84	4.42	-	-	-	-
	13 Dec 2023	0089_MW193_231213	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	9.66	8.7	-	-	-	-
	12 Mar 2024	0089_MW193_240312	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	21.5	19.2	-	-	-	-
	27 May 2024	0089_MW193_240527	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	<0.05	-	<0.05	<0.05	19.8	18.1	-	-	14.2	-
		0089_QC105_240527	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	20.5	-	-	-	14.5	-
		0089_QC205_240527	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	0.23	<0.01	-	38.55	34.82	-	7.7	27.1	28.7
	12 Dec 2024	0089_MW193_241212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.4	-	11.4	-	9.67	-
				<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	12.4	11.4	-	-	9.67	-
	20 Mar 2025	0089_MW193_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.31	-	5.67	-	4.42	-
				-	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	5.67	-	-	-	-
	10 Jun 2025	0089_MW193_250610	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.3	-	10.8	-	8.84	-
				<0.05	<0.02	-	-	<0.02	<0.05	-	-	-	<0.05	-	-	12.3	-	-	-	8.84	-
0089_MW195D	08 Aug 2017	0089_MW195_D_170808	Normal	-	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_S_170808	Field_D	<0.01	-	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_170808	Interlab_D	-	-	<0.05	-	<0.05	<0.05	-	-	<0.01	<0.05	-	<0.01	<0.1	-	-	-	0.02	-
	08 Jan 2020	0089_MW195-D_200108	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	10.9	<0.05	<0.05	11.4	11.4	-	-	0.02	-
	31 Mar 2020	0089_MW195_D_200331	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	-	<0.01	-	-	-	<0.01	-
	15 Jul 2020	0089_MW195_D_200715	Normal	-	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	21 Sep 2020	0089_MW195-D_200921	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	1.4	-	-	1.57	-	-	-	0.01	-
	16 Dec 2020	0089_MW195D_201216	Normal	-	-	<0.05	-	-	-	-	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	16 Mar 2021	0089_MW195D_210316	Normal	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	<0.05	-	-	-	-	-	-	-
		0089_QC115_210316	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	0.36	-	<0.05	0.97	-	-	-	0.01	-
		0089_QC215_210316	Interlab_D	-	-	<0.05	-	<0.05	<0.05	<0.05	-	-	0.16	<0.01	-	0.65	-	-	0.01	0.01	0.01
	08 Jun 2021	0089_QC212_210609	Interlab_D	-	<0.05	-	-	-	<0.05	<0.05	-	<0.01	1.2	-	<0.01	-	1.45	-	<0.01	-	<0.01
	09 Jun 2021	0089_MW195D_210609	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	2.3	2.3	-	-	0.02	-
		0089_QC112_210609	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	-	2.86	-	-	0.02	-
	30 Aug 2021	0089_MW195D_210830	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
		0089_QC111_210830	Field_D	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC211_210830	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	-	0.02	-
	10 Jan 2022	0089_MW195D_220110	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	<0.05	-	<0.01	-	-	-	-
	15 Mar 2022	0089_MW195D_220315	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	-	0.14	-	-	0.02	-
	07 Jun 2022	0089_MW195D_220607	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.26	0.26	-	-	0.03	-
	05 Sep 2022	0089_MW195D_220905	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	12 Dec 2022	0089_MW195D_221212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	-	0.01	-	-	-	0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC111_221212	Field_D	-	<0.02	-	<0.02	<0.01	-	-	-	0.01	-	-	<0.02	-	<0.02	<0.02	<0.01	-	-	-	<0.02	-
		0089_QC211_221212	Interlab_D	<0.01	<0.01	-	<0.01	-	-	-	<0.01	-	<0.05	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
	13 Mar 2023	0089_MW195D_230313	Normal	-	<0.02	-	-	*0.02*	-	<0.02	-	0.01	<0.1	-	<0.02	0.1	0.07	-	<0.01	-	-	<0.02	-	-
	06 Jun 2023	0089_MW195D_230606	Normal	<0.02	-	-	-	<0.01	-	-	-	0.01	<0.1	-	-	-	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	04 Sep 2023	0089_MW195D_230904	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
		0089_QC105_230904	Field_D	<0.02	<0.02	-	<0.02	-	-	-	-	<0.01	-	-	<0.02	-	<0.02	<0.02	<0.01	-	-	-	<0.02	-
		0089_QC205_230904	Interlab_D	-	<0.01	-	-	-	<0.01	-	<0.01	-	<0.05	<0.01	<0.01	<0.01	-	-	-	-	<0.01	<0.01	-	-
	13 Dec 2023	0089_MW195D_231213	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	12 Mar 2024	0089_MW195D_240312	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	-	-	<0.02	<0.02	-	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	-
	27 May 2024	0089_MW195D_240527	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	0.01	<0.1	<0.02	<0.02	0.06	0.04	-	-	0.04	-	<0.02	<0.02	-
		0089_QC102_240527	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	-	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC202_240527	Interlab_D	<0.01	-	-	<0.01	*0.02*	<0.01	-	-	*0.04*	<0.05	<0.01	-	<0.05	<0.01	<0.01	0.01[#1]	<0.01	<0.01	-	-	-
	12 Dec 2024	0089_MW195D_241212	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	-	-	<0.02	<0.02	-	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
		0089_QC101_241212	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC201_241212	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	<0.01	-	<0.01	-	<0.01	<0.01	-	<0.01	<0.05	<0.01	-	<0.05	-	<0.01	<0.01	-	-	<0.01	<0.01	-
	19 Mar 2025	0089_MW195D_250319	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	<0.1	-	<0.02	-	-	-	<0.01	-	-	<0.02	<0.02	<0.05
	10 Jun 2025	0089_MW195D_250610	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	-	<0.02	-	-	-	<0.02	-	<0.05
	18 Sep 2025	0089_MW195D_250918	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	-	-	<0.02	-	<0.05
		0089_QC114_250918	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC214_250918	Interlab_D	<0.01	<0.01	<0.01	<0.01	*0.02*	<0.01	<0.01	-	0.01[#1]	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_MW195S	08 Aug 2017	0089_MW195_S_170808	Normal	0.007	<0.002	-	<0.001	<0.001	-	-	-	-	<0.002	<0.002	-	-	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	-	-
	18 Sep 2017	0089_MW195_S_170918	Normal	-	<0.002	-	-	0.004	-	0.007	-	0.01	-	-	-	-	-	<0.001	<0.001	<0.002	<0.05	-	-	-
		0089_QC1MW_170918	Field_D	-	-	-	<0.001	0.003	-	0.008	-	0.004	<0.002	-	<0.005	-	-	-	<0.001	-	-	<0.01	<0.002	-
		0089_QC2MW_170918	Interlab_D	<0.01	<0.01	-	0.09[#1]	-	-	-	-	*0.1*[#1]	-	<0.01	-	<0.01	0.01[#1]	<0.01	0.04[#1]	<0.01	<0.01	<0.01	-	-
	19 Oct 2017	0089_MW195_S_171019	Normal	0.007	<0.002	-	<0.001	-	-	0.011	-	0.006	<0.002	-	-	-	-	<0.001	-	-	<0.1	<0.02	-	-
		0089_QC1MW_171019	Field_D	-	<0.002	-	<0.001	0.001	-	-	-	-	<0.002	-	<0.01	-	-	-	<0.001	<0.002	-	<0.02	-	-
		0089_QC2MW_171019	Interlab_D	0.04	-	-	<0.01	*0.01*[#1]	-	0.03[#1]	-	*0.04*[#1]	-	<0.01	<0.01	<0.01[#1]	0.08[#1]	<0.01	-	0.03[#1]	<0.01	<0.01	<0.01	-
	15 Nov 2017	0089_MW195_S_171115	Normal	-	<0.002	-	<0.001	-	-	-	-	0.003	-	<0.002	-	-	<0.001	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
		0089_QC1MW_171115	Field_D	-	-	-	<0.001	<0.001	-	0.009	-	-	-	-	-	<0.001	-	-	<0.001	<0.002	<0.05	-	<0.002	-
		0089_QC2MW_171115	Interlab_D	-	<0.01	-	-	-	-	0.01[#1]	-	<0.01[#1]	<0.05	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	07 Dec 2017	0089_MW195_S_171207	Normal	0.01	<0.002	-	-	*0.042*	-	0.013	-	-	-	<0.002	-	-	<0.001	<0.001	0.002	-	-	<0.01	<0.002	-
		0089_QC1MW_171207	Field_D	-	<0.002	-	-	-	-	-	-	0.004	<0.002	-	<0.005	-	<0.001	<0.001	0.001	<0.002	-	<0.01	<0.002	-
		0089_QC2MW_171207	Interlab_D	-	<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	-
	16 Jan 2018	0089_MW195_S_180116	Normal	0.008	<0.002	-	-	<0.001	-	-	-	0.002	<0.002	<0.002	-	-	-	<0.001	-	<0.002	<0.05	-	-	-
		0089_QC1MW_180116	Field_D	-	<0.002	-	-	<0.001	-	0.016	-	0.003	<0.002	-	-	-	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_QC2MW_180116	Interlab_D	<0.01	<0.01	-	-	-	-	0.01	-	<0.01[#1]	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	-	<0.01	-	-
	08 Jan 2020	0089_MW195-S_200108	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	-	-	<0.02	-	<0.01	-	-	<0.02	<0.02	-
		0089_QC102_200108	Field_D	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	-	<0.02	-	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
		0089_QC202_200108	Interlab_D	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	-	-	-	-	-	-	<0.01	-	-	<0.01	<0.01	<0.01	-	-
	31 Mar 2020	0089_MW195_S_200331	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	15 Jul 2020	0089_MW195_S_200715	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	21 Sep 2020	0089_MW195-S_200921	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	-	-	-	<0.02	-	-
		0089_QC108_200921	Field_D	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
		0089_QC208_200921	Interlab_D	<0.01	<0.01	-	<0.01	-	<0.01	-	<0.01	-	<0.05	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	-	-	-
	16 Dec 2020	0089_MW195S_201216	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	16 Mar 2021	0089_MW195S_210316	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	-	-	<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	-
	09 Jun 2021	0089_MW195S_210609	Normal	-	<0.02	-	-	-	-	<0.02	-	<0.02	<0.1	-	-	-	<0.02	<0.02	0.01	<0.02	-	<0.02	<0.02	-
	30 Aug 2021	0089_MW195S_210830	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	-	-
	10 Jan 2022	0089_MW195S_220110	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC106_220110	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	-	-	<0.02	-	<0.02	-	-	-	-
		0089_QC206_220110	Interlab_D	<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	-
	15 Mar 2022	0089_MW195S_220315	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC111_220315	Field_D	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	-	-	-	<0.02	-
		0089_QC211_220315	Interlab_D	<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	-
	07 Jun 2022	0089_MW195S_220607	Normal	-	-	-	<0.02	<0.01	-	-	-	<0.01	-	-	-	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC111_220607	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC211_220607	Interlab_D	-	<0.004	-	<0.002	-	-	0.002	-	0.013	<0.008	<0.001	<0.001	<0.004	0.002	-	0.012	-	<0.001	<0.001	<0.001	-
	05 Sep 2022	0089_MW195S_220905	Normal	<0.02	-	-	<0.02	-	-	-	-	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW195S_221212	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	13 Mar 2023	0089_MW195S_230313	Normal	<0.02	-	-	-	<0.01	-	-	-	-	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC113_230313	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC213_230313	Interlab_D	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	-
	06 Jun 2023	0089_MW195S_230606	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	-	-	-
		0089_QC109_230606	Field_D	-	<0.02	-	<0.02	-	-	-	-	<0.01	<0.1	<0.02	-	-	-	-	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC209_230606	Interlab_D	<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	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC111_221212	Field_D	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
		0089_QC211_221212	Interlab_D	-	-	-	<0.05	-	-	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	-	-	-	-	-
	13 Mar 2023	0089_MW195D_230313	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	-	0.28	-	-	-	-
	06 Jun 2023	0089_MW195D_230606	Normal	-	-	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.01	-	-	-	-
	04 Sep 2023	0089_MW195D_230904	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
		0089_QC105_230904	Field_D	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC205_230904	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.01	<0.01	-	<0.05	-	-	0.01	0.01
	13 Dec 2023	0089_MW195D_231213	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	-	<0.05	-	<0.01	-	-	-	-
	12 Mar 2024	0089_MW195D_240312	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	0.03	-	-	0.02	-
	27 May 2024	0089_MW195D_240527	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	0.15	-	-	-	0.01	-
		0089_QC102_240527	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	0.02	-	-	-	0.02	-
		0089_QC202_240527	Interlab_D	<0.05	<0.05	-	-	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	<0.1	0.07	-	0.03	0.06	-
	12 Dec 2024	0089_MW195D_241212	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
		0089_QC101_241212	Field_D	<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	-
				-	<0.02	-	-	-	-	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC201_241212	Interlab_D	<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
				-	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	-	-	<0.1	-	-	-	<0.01	-
	19 Mar 2025	0089_MW195D_250319	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	10 Jun 2025	0089_MW195D_250610	Normal	<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	-
				<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	18 Sep 2025	0089_MW195D_250918	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC114_250918	Field_D	<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	-
		0089_QC214_250918	Interlab_D	<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	0.02	0.03	0.03
0089_MW195S	08 Aug 2017	0089_MW195_S_170808	Normal	<0.01	-	<0.05	<0.005	-	<0.005	<0.01	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	18 Sep 2017	0089_MW195_S_170918	Normal	<0.01	-	-	<0.005	<0.002	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_170918	Field_D	-	<0.002	-	<0.005	<0.002	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_170918	Interlab_D	-	-	-	<0.05	-	-	<0.05	-	<0.01	<0.05	<0.01	-	5.34	-	-	-	5.2	-
	19 Oct 2017	0089_MW195_S_171019	Normal	<0.01	<0.002	-	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_QC1MW_171019	Field_D	-	<0.002	-	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.002	-	-	-	-	-	-
		0089_QC2MW_171019	Interlab_D	-	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-	0.2	-	-	0.05	-
	15 Nov 2017	0089_MW195_S_171115	Normal	<0.01	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_QC1MW_171115	Field_D	-	<0.002	-	<0.005	-	-	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_171115	Interlab_D	-	-	<0.05	-	-	-	-	-	-	-	<0.01	-	-	<0.05	-	-	<0.01	-
	07 Dec 2017	0089_MW195_S_171207	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_QC1MW_171207	Field_D	-	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	0.003	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_171207	Interlab_D	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	-	<0.01	-
	16 Jan 2018	0089_MW195_S_180116	Normal	-	-	<0.05	<0.005	<0.002	-	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_180116	Field_D	-	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_180116	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	-	<0.05	-	-	-	-
	08 Jan 2020	0089_MW195-S_200108	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	0.22	-	-	0.22	0.22	-	-	<0.01	-
		0089_QC102_200108	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	-	-	<0.05	0.11	-	-	0.11	-	-	-	-	-
		0089_QC202_200108	Interlab_D	<0.05	-	<0.05	-	<0.05	<0.05	-	-	<0.01	0.15	<0.01	<0.01	-	0.15	-	<0.01	-	<0.01
	31 Mar 2020	0089_MW195_S_200331	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	-	-
	15 Jul 2020	0089_MW195_S_200715	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	21 Sep 2020	0089_MW195-S_200921	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	-	<0.05	<0.05	-	0.01	-	-	-	-
		0089_QC108_200921	Field_D	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC208_200921	Interlab_D	<0.05	<0.05	<0.05	-	-	<0.05	-	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	-	<0.01	<0.01
	16 Dec 2020	0089_MW195S_201216	Normal	<0.05	-	<0.05	-	-	-	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	<0.01	-
	16 Mar 2021	0089_MW195S_210316	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	09 Jun 2021	0089_MW195S_210609	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	0.02	-	-	-	0.01	-
	30 Aug 2021	0089_MW195S_210830	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	10 Jan 2022	0089_MW195S_220110	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC106_220110	Field_D	-	<0.02	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC206_220110	Interlab_D	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.01	-	<0.05	-	-	<0.01	-
	15 Mar 2022	0089_MW195S_220315	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
		0089_QC111_220315	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	-	-	-	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC211_220315	Interlab_D	<0.05	<0.05	-	<0.05	-	-	-	-	-	-	<0.01	-	<0.1	-	-	-	<0.01	<0.01
	07 Jun 2022	0089_MW195S_220607	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	-	-	-	<0.05	<0.01	-	-	-	-	-
		0089_QC111_220607	Field_D	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC211_220607	Interlab_D	<0.004	<0.004	<0.008	<0.004	-	<0.008	-	<0.002	-	<0.008	-	-	-	-	-	-	0.019	-
	05 Sep 2022	0089_MW195S_220905	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	12 Dec 2022	0089_MW195S_221212	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	-	-	-	<0.05	-	<0.01	-	-	-	-
	13 Mar 2023	0089_MW195S_230313	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC113_230313	Field_D	-	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC213_230313	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	-	<0.01	-
	06 Jun 2023	0089_MW195S_230606	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC109_230606	Field_D	-	<0.02	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC209_230606	Interlab_D	-	-	<0.05	<0.05	-	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	-	-	-	<0.01

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	12 Mar 2024	0089_MW195S_240312	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	27 May 2024	0089_MW195S_240527	Normal	-	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
		0089_QC103_240527	Field_D	<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	-	-	-	-	-
		0089_QC203_240527	Interlab_D	<0.01	-	-	<0.01	*0.03*	<0.01	-	<0.01	*0.03*	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	0.01[#1]	<0.01	<0.01	-	<0.01	-
0089_MW196	08 Aug 2017	0089_MW196_S_170808	Normal	<0.001	-	-	<0.001	-	-	<0.001	-	-	-	<0.002	<0.005	-	-	<0.001	-	-	<0.05	<0.01	-	-
	02 Apr 2020	0089_MW196_200402	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
	22 Jul 2020	0089_MW196_200722	Normal	<0.02	-	-	-	-	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	-	-	-	<0.05	-	-	-
	24 Sep 2020	0089_MW196_200924	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	16 Dec 2020	0089_MW196_201216	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	-	<0.1	-	-	<0.02	-	<0.02	<0.01	-	<0.05	-	-	-
		0089_QC116_201216	Field_D	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	-	-	-	-
		0089_QC216_201116	Interlab_D	-	-	-	<0.01	<0.01[#1]	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	-
	10 Jun 2021	0089_MW196_210610	Normal	-	<0.02	-	-	-	-	-	-	-	<0.1	-	-	<0.02	-	<0.02	-	<0.02	<0.05	-	<0.02	-
	30 Aug 2021	0089_MW196_210830	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC112_210830	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC212_210830	Interlab_D	-	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
	13 Jan 2022	0089_MW196_220113	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.02	-	-
	14 Mar 2022	0089_MW196_220314	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	-	<0.01	-	-	-	-	-
		0089_QC108_220314	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	-	-	-	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC208_220314	Interlab_D	<0.01	<0.01	-	<0.01	-	<0.01	-	<0.01	<0.01	-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
	06 Sep 2022	0089_MW196_220906	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	13 Dec 2022	0089_MW196_221213	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	13 Mar 2023	0089_MW196_230313	Normal	<0.02	<0.02	-	-	-	-	-	-	<0.01	-	<0.02	-	-	<0.02	<0.02	<0.01	-	-	<0.02	-	-
	06 Jun 2023	0089_MW196_230606	Normal	<0.02	-	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	-	-
	12 Mar 2024	0089_MW196_240312	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	-	-	<0.02	<0.05	<0.02	-	-
	12 Dec 2024	0089_MW196_241212	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	18 Sep 2025	0089_MW196_250918	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	<0.01	-	-	-	-	<0.1	-	-	<0.02	-	-	-	-	<0.05	-	<0.02	<0.05
0089_MW197	09 Aug 2017	0089_MW197_S_170809	Normal	0.002	<0.002	-	<0.001	0.002	-	-	-	0.008	0.002	<0.002	<0.005	<0.001	-	<0.001	0.001	-	<0.05	<0.01	<0.002	-
	18 Sep 2017	0089_MW197_S_170918	Normal	<0.001	<0.002	-	<0.001	0.003	-	<0.001	-	-	-	-	<0.005	<0.001	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	19 Oct 2017	0089_MW197_S_171019	Normal	-	<0.002	-	-	-	-	-	-	-	<0.002	<0.002	-	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	-	-
	15 Nov 2017	0089_MW197_S_171115	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	-	-	<0.001	-	-	-	-	-
	07 Dec 2017	0089_MW197_S_171207	Normal	-	<0.002	-	0.003	*0.04*	-	<0.001	-	-	0.002	<0.002	<0.005	-	<0.001	-	-	<0.002	<0.05	-	-	-
	16 Jan 2018	0089_MW197_S_180116	Normal	-	-	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	-	<0.005	<0.001	<0.001	-	-	<0.002	-	-	<0.002	-
	31 Mar 2020	0089_MW197_200331	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	15 Jul 2020	0089_MW197_200715	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	16 Mar 2021	0089_MW197_210316	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	09 Jun 2021	0089_MW197_210609	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	-	-
	01 Sep 2021	0089_MW197_210901	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	-
	07 Jun 2022	0089_MW197_220607	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	05 Sep 2022	0089_MW197_220905	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	-
	12 Dec 2022	0089_MW197_221212	Normal	-	<0.02	-	-	<0.01	-	-	-	<0.01	-	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC115_221212	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC215_221212	Interlab_D	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	-	-	<0.01	-	-	<0.01	<0.01	-	-	<0.01	-
	14 Mar 2023	0089_MW197_230314	Normal	-	<0.02	-	<0.02	*0.02*	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.05	<0.02	<0.02	-
	07 Jun 2023	0089_MW197_230607	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
0089_MW199	08 Aug 2017	0089_MW199_S_170808	Normal	<0.001	<0.002	-	<0.001	0.006	-	<0.001	-	0.005	-	<0.002	<0.005	<0.001	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	18 Sep 2017	0089_MW199_S_170918	Normal	-	-	-	<0.001	-	-	-	-	0.002	-	<0.002	-	<0.001	-	<0.001	-	-	-	-	<0.002	-
	19 Oct 2017	0089_MW199_S_171019	Normal	-	<0.002	-	<0.001	-	-	<0.001	-	0.001	<0.002	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.1	-	-	-
	15 Nov 2017	0089_MW199_S_171115	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.002	-	<0.01	-	-
	07 Dec 2017	0089_MW199_S_171207	Normal	<0.001	<0.002	-	-	*0.043*	-	-	-	0.004	0.003	<0.002	<0.005	<0.001	0.001	<0.001	-	<0.002	-	-	<0.002	-
	16 Jan 2018	0089_MW199_S_180116	Normal	<0.001	<0.002	-	<0.001	<0.001	-	-	-	<0.001	<0.002	<0.002	-	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	08 Jan 2020	0089_MW199_200108	Normal	-	<0.02	-	<0.02	*0.01*	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	31 Mar 2020	0089_MW199_200331	Normal	-	-	-	<0.02	*0.03*	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	15 Jul 2020	0089_MW199_200715	Normal	-	-	-	-	-	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	21 Sep 2020	0089_MW199_200921	Normal	-	<0.02	-	-	-	-	-	-	<0.02	-	-	<0.02	<0.02	-	<0.02	-	<0.02	-	-	<0.02	-
	16 Dec 2020	0089_MW199_201216	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	-	<0.02	-
	30 Aug 2021	0089_MW199_210830	Normal	-	-	-	-	<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	-
	10 Jan 2022	0089_MW199_220110	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	17 Mar 2022	0089_MW199_220317	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	-	-	-	-	-	<0.05	<0.02	-	-
	07 Jun 2022	0089_MW199_220607	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC109_220607	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC209_220607	Interlab_D	<0.002	<0.004	-	<0.002	-	-	<0.002	-	-	<0.008	-	<0.001	-	<0.001	-	<0.001	<0.002	-	<0.001	<0.001	-
	05 Sep 2022	0089_MW199_220905	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC111_220905	Field_D	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC211_220905	Interlab_D	<0.01	-	-	<0.01	<0.01	-	-	-	<0.01	<0.05	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	12 Dec 2022	0089_MW199_221212	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
		0089_QC108_221212	Field_D	-	<0.02	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
		0089_QC208_221212	Interlab_D	<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	-
	13 Mar 2023	0089_MW199_230313	Normal	<0.02	-	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC111_230313	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	-	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	12 Mar 2024	0089_MW195S_240312	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	27 May 2024	0089_MW195S_240527	Normal	-	<0.02	-	<0.05	-	-	-	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
		0089_QC103_240527	Field_D	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC203_240527	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.14	-	<0.01	-	0.21	-	-	-	0.07
0089_MW196	08 Aug 2017	0089_MW196_S_170808	Normal	<0.01	-	-	<0.005	-	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	02 Apr 2020	0089_MW196_200402	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	22 Jul 2020	0089_MW196_200722	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	24 Sep 2020	0089_MW196_200924	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	16 Dec 2020	0089_MW196_201216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC116_201216	Field_D	-	-	<0.05	<0.05	-	-	<0.02	-	-	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC216_201116	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	<0.01
	10 Jun 2021	0089_MW196_210610	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	30 Aug 2021	0089_MW196_210830	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC112_210830	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	-	-	-	<0.01	-	-	-	<0.01	-
		0089_QC212_210830	Interlab_D	-	<0.1	<0.05	-	<0.1	-	<0.05	-	<0.1	-	<0.1	<0.1	-	<0.1	-	-	<0.01	<0.1
	13 Jan 2022	0089_MW196_220113	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	<0.01	-	-	-	<0.01	-
	14 Mar 2022	0089_MW196_220314	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.01	-	-	-	-
		0089_QC108_220314	Field_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
		0089_QC208_220314	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	06 Sep 2022	0089_MW196_220906	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	13 Dec 2022	0089_MW196_221213	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	13 Mar 2023	0089_MW196_230313	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-
	06 Jun 2023	0089_MW196_230606	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	12 Mar 2024	0089_MW196_240312	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	-	-
	12 Dec 2024	0089_MW196_241212	Normal	<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	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	18 Sep 2025	0089_MW196_250918	Normal	<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	-
				<0.05	<0.02	-	-	-	-	-	-	<0.05	-	-	<0.05	<0.01	-	-	-	<0.01	-
0089_MW197	09 Aug 2017	0089_MW197_S_170809	Normal	-	<0.002	-	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	18 Sep 2017	0089_MW197_S_170918	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW197_S_171019	Normal	-	-	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	15 Nov 2017	0089_MW197_S_171115	Normal	<0.01	-	-	-	<0.002	-	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
	07 Dec 2017	0089_MW197_S_171207	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW197_S_180116	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	31 Mar 2020	0089_MW197_200331	Normal	<0.05	<0.02	-	-	-	-	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	<0.01	-
	15 Jul 2020	0089_MW197_200715	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	16 Mar 2021	0089_MW197_210316	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	09 Jun 2021	0089_MW197_210609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	-	-
	01 Sep 2021	0089_MW197_210901	Normal	-	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	07 Jun 2022	0089_MW197_220607	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	05 Sep 2022	0089_MW197_220905	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	-	-	-	-	-
	12 Dec 2022	0089_MW197_221212	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC115_221212	Field_D	<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	<0.01	-
		0089_QC215_221212	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	-	<0.01
	14 Mar 2023	0089_MW197_230314	Normal	-	<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	-
	07 Jun 2023	0089_MW197_230607	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
0089_MW199	08 Aug 2017	0089_MW199_S_170808	Normal	-	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	18 Sep 2017	0089_MW199_S_170918	Normal	-	<0.002	<0.05	<0.005	-	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW199_S_171019	Normal	<0.01	-	-	<0.005	<0.002	<0.005	-	-	<0.001	-	-	-	-	-	-	-	-	-
	15 Nov 2017	0089_MW199_S_171115	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW199_S_171207	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW199_S_180116	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	08 Jan 2020	0089_MW199_200108	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.12	0.12	-	-	-	-
	31 Mar 2020	0089_MW199_200331	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	15 Jul 2020	0089_MW199_200715	Normal	-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	21 Sep 2020	0089_MW199_200921	Normal	-	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.04	-	-	0.04	-
	16 Dec 2020	0089_MW199_201216	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	30 Aug 2021	0089_MW199_210830	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	10 Jan 2022	0089_MW199_220110	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	17 Mar 2022	0089_MW199_220317	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	-	-	<0.01	<0.01	-	-	-	-
	07 Jun 2022	0089_MW199_220607	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC109_220607	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	-	-	-	<0.01	-
		0089_QC209_220607	Interlab_D	<0.004	-	<0.008	<0.004	<0.004	-	<0.004	<0.002	-	-	<0.002	-	0.005	0.005	-	-	-	-
	05 Sep 2022	0089_MW199_220905	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-
		0089_QC111_220905	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
		0089_QC211_220905	Interlab_D	-	-	-	-	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	<0.01
	12 Dec 2022	0089_MW199_221212	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC108_221212	Field_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
		0089_QC208_221212	Interlab_D	<0.05	<0.05	-	-	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	-	-	<0.01	<0.01	<0.01
	13 Mar 2023	0089_MW199_230313	Normal	<0.05	-	-	<0.05	-	<0.05	-	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
		0089_QC111_230313	Field_D	-	<0.02	<0.05	-	-	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC211_230313	Interlab_D	-	<0.01	-	<0.01	<0.01	-	-	-	<0.01	<0.05	-	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	-	<0.01	-
	06 Jun 2023	0089_MW199_230606	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	-	-
		0089_QC106_230606	Field_D	-	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
		0089_QC206_230606	Interlab_D	<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	-
	12 Dec 2023	0089_MW199_231212	Normal	<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	-
	12 Mar 2024	0089_MW199_240312	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	-	-
	29 May 2024	0089_MW199_240529	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	-	-	<0.05	<0.02	<0.02	-
	12 Dec 2024	0089_MW199_241212	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	-	-	<0.02	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	18 Mar 2025	0089_MW199_250318	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	-	-	<0.02	<0.02	-	-	-	-	<0.02	<0.02	-	<0.01	-	-	-	<0.02	<0.05
	10 Jun 2025	0089_MW199_250610	Normal	<0.02	<0.02	<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	<0.02	<0.05
				-	<0.02	-	-	-	<0.02	-	-	<0.01	-	-	-	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	<0.05
	18 Sep 2025	0089_MW199_250918	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	-	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW200	09 Aug 2017	0089_MW200_S_170809	Normal	-	-	-	-	0.002	-	-	-	0.004	<0.002	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	18 Sep 2017	0089_MW200_S_170918	Normal	-	<0.002	-	<0.001	-	-	-	-	-	<0.002	<0.002	-	<0.001	<0.001	<0.001	<0.001	-	<0.05	-	-	-
	19 Oct 2017	0089_MW200_S_171019	Normal	-	<0.002	-	<0.001	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.01	<0.001	<0.001	-	-	-	<0.1	<0.02	<0.002	-
	15 Nov 2017	0089_MW200_S_171115	Normal	-	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	-	<0.005	<0.001	-	<0.001	-	<0.002	-	<0.01	-	-
	07 Dec 2017	0089_MW200_S_171207	Normal	-	<0.002	-	0.002	-	-	<0.001	-	-	<0.002	-	-	<0.001	<0.001	<0.001	0.001	-	<0.05	-	-	-
	16 Jan 2018	0089_MW200_S_180116	Normal	-	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	-	-	-	<0.001	<0.001	<0.001	-	-	-	<0.002	-
	09 Jan 2020	0089_MW200_200109	Normal	<0.02	-	-	<0.02	*0.07*	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	31 Mar 2020	0089_MW200_200331	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	-	-	-	-	<0.02	<0.01	-	<0.05	<0.02	-	-
	15 Jul 2020	0089_MW200_200715	Normal	<0.02	-	-	-	*0.02*	-	-	-	<0.02	-	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	24 Sep 2020	0089_MW200_200924	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	-	-
	15 Dec 2020	0089_MW200_201215	Normal	-	<0.02	-	-	<0.01	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
		0089_QC115_201215	Field_D	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC215_201115	Interlab_D	<0.01	-	-	<0.01	<0.01[#1]	<0.01	-	-	<0.01	<0.05	<0.01	-	<0.01	-	-	-	-	-	<0.01	<0.01	-
	16 Mar 2021	0089_MW200_210316	Normal	-	-	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	09 Jun 2021	0089_MW200_210609	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	-	-	-	<0.01	<0.02	<0.05	-	<0.02	-
	01 Sep 2021	0089_MW200_210901	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-
	10 Jan 2022	0089_MW200_220110	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	-	-	<0.02	<0.02	-	-	-	-	<0.05	-	<0.02	-
	14 Mar 2022	0089_MW200_220314	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	-
	07 Jun 2022	0089_MW200_220607	Normal	<0.02	-	-	-	-	-	<0.02	-	-	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	05 Sep 2022	0089_MW200_220905	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Dec 2022	0089_MW200_221212	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.1	-	-	-	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	14 Mar 2023	0089_MW200_230314	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	07 Jun 2023	0089_MW200_230607	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.02	-
	05 Sep 2023	0089_MW200_230905	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.02	-
	13 Dec 2023	0089_MW200_231213	Normal	<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	-
	13 Mar 2024	0089_MW200_240313	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	-	-	-
	29 May 2024	0089_MW200_240529	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	-	-	-
	18 Dec 2024	0089_MW200_241218	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	-	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	19 Mar 2025	0089_MW200_250319	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-	-	-	<0.02	<0.05	-	<0.02	<0.05
	10 Jun 2025	0089_MW200_250610	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	-	-	-	<0.05
	23 Sep 2025	0089_MW200_250923	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
0089_MW202	09 Aug 2017	0089_MW202_S_170809	Normal	0.022	-	-	0.007	*0.06*	-	0.02	-	-	-	<0.002	-	<0.001	-	-	-	-	-	<0.01	<0.002	-
	18 Sep 2017	0089_MW202_S_170918	Normal	-	-	-	0.007	*0.047*	-	0.011	-	*0.1*	<0.002	<0.002	<0.005	-	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	19 Oct 2017	0089_MW202_S_171019	Normal	-	-	-	-	*0.063*	-	0.008	-	*0.078*	-	<0.002	-	<0.001	<0.001	<0.001	0.001	<0.002	<0.1	<0.02	-	-
	15 Nov 2017	0089_MW202_S_171115	Normal	-	<0.002	-	0.009	-	-	-	-	*0.08*	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	-	-	<0.002	-
	07 Dec 2017	0089_MW202_S_171207	Normal	-	<0.002	-	0.009	*0.092*	-	0.007	-	*0.064*	-	<0.002	-	<0.001	-	-	-	<0.002	<0.05	<0.01	<0.002	-
	16 Jan 2018	0089_MW202_S_180116	Normal	-	<0.002	-	0.013	*0.05*	-	0.009	-	*0.074*	<0.002	<0.002	<0.005	<0.001	<0.001	-	-	<0.002	<0.05	-	<0.002	-
	31 Mar 2020	0089_MW202_200331	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	*0.03*	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
		0089_QC103_200331	Field_D	<0.02	<0.02	-	-	*0.04*	-	<0.02	-	*0.03*	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
		0089_QC203_200331	Interlab_D	-	-	-	<0.01	-	<0.01	-	<0.01	*0.03*[#1]	-	<0.01	-	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	-	-
	22 Jul 2020	0089_MW202_200722	Normal	<0.02	<0.02	-	<0.02	*0.04*	-	<0.02	-	*0.03*	-	-	-	<0.02	-	<0.02	-	-	<0.05	-	<0.02	-
	21 Sep 2020	0089_MW202_200921	Normal	<0.02	<0.02	-	-	*0.08*	-	-	-	*0.07*	<0.1	<0.02	-	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC112_200921	Field_D	<0.02	<0.02	-	<0.02	*0.05*	-	<0.02	-	*0.06*	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	-	-	-
	22 Sep 2020	0089_QC212_200921	Interlab_D	<0.01	<0.01	-	<0.01	*0.04*[#1]	-	<0.01	<0.01	-	-	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	16 Dec 2020	0089_MW202_201216	Normal	<0.02	<0.02	-	<0.02	*0.04*	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	15 Mar 2021	0089_MW202_210315	Normal	-	<0.02	-	<0.02	*0.06*	-	<0.02	-	-	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	-	-	-
	10 Jun 2021	0089_MW202_210610	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.02	-	<0.02	-	-	<0.02	<0.02	-	-	-	-	<0.02	-
	30 Aug 2021	0089_MW202_210830	Normal	<0.02	-	-	-	*0.04*	-	-	-	*0.04*	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	12 Jan 2022	0089_MW202_220112	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	*0.03*	-	<0.02	-	-	-	-	-	-	<0.05	<0.02	<0.02	-
	18 Mar 2022	0089_MW202_220318	Normal	<0.02	-	-	-	*0.04*	-	-	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	08 Jun 2022	0089_MW202_220608	Normal	<0.02	-	-	<0.02	*0.04*	-	<0.02	-	*0.04*	-	-	-	<0.02	<0.02	-	-	-	<0.05	<0.02	-	-
	05 Sep 2022	0089_MW202_220905	Normal	-	-	-	<0.02	*0.04*	-	-	-	*0.03*	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	-	-
	12 Dec 2022	0089_MW202_221212	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	*0.03*	<0.1	<0.02	-	-	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC211_230313	Interlab_D	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.1	<0.05	-	<0.01	<0.01	-
	06 Jun 2023	0089_MW199_230606	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC106_230606	Field_D	-	<0.02	-	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	-	-	-	-	-
		0089_QC206_230606	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	-
	12 Dec 2023	0089_MW199_231212	Normal	<0.05	-	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	12 Mar 2024	0089_MW199_240312	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	-	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	29 May 2024	0089_MW199_240529	Normal	<0.05	-	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	12 Dec 2024	0089_MW199_241212	Normal	<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	-
				<0.05	-	-	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	<0.01	-	-	<0.01	-
	18 Mar 2025	0089_MW199_250318	Normal	<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	-
				-	-	-	<0.05	-	-	<0.02	-	-	-	-	<0.05	<0.01	-	-	-	<0.01	-
	10 Jun 2025	0089_MW199_250610	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.02	-	-	-	0.02	-
	18 Sep 2025	0089_MW199_250918	Normal	<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	-
				<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
0089_MW200	09 Aug 2017	0089_MW200_S_170809	Normal	<0.01	<0.002	-	-	-	-	-	-	<0.001	0.006	-	<0.001	-	-	-	-	-	-
	18 Sep 2017	0089_MW200_S_170918	Normal	-	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW200_S_171019	Normal	-	-	-	<0.005	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-
	15 Nov 2017	0089_MW200_S_171115	Normal	-	<0.002	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW200_S_171207	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW200_S_180116	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	09 Jan 2020	0089_MW200_200109	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	31 Mar 2020	0089_MW200_200331	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.01	-	-	-	0.01	-
	15 Jul 2020	0089_MW200_200715	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	-	0.02	0.02	-	-	0.02	-
	24 Sep 2020	0089_MW200_200924	Normal	-	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	15 Dec 2020	0089_MW200_201215	Normal	<0.05	-	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	-	-	-	<0.01	-	-	-	-
		0089_QC115_201215	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC215_201115	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	16 Mar 2021	0089_MW200_210316	Normal	<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	-	<0.01	-	-	-	-
	09 Jun 2021	0089_MW200_210609	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	01 Sep 2021	0089_MW200_210901	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	10 Jan 2022	0089_MW200_220110	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	-	-	-	<0.05	<0.01	-	-	-	<0.01	-
	14 Mar 2022	0089_MW200_220314	Normal	-	-	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	07 Jun 2022	0089_MW200_220607	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	05 Sep 2022	0089_MW200_220905	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	12 Dec 2022	0089_MW200_221212	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	14 Mar 2023	0089_MW200_230314	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	-	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	07 Jun 2023	0089_MW200_230607	Normal	<0.05	-	-	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	05 Sep 2023	0089_MW200_230905	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	13 Dec 2023	0089_MW200_231213	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-
	13 Mar 2024	0089_MW200_240313	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	-	-	<0.01	-	-	<0.01	-
	29 May 2024	0089_MW200_240529	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	<0.01	-	-	-	-	-
	18 Dec 2024	0089_MW200_241218	Normal	<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	-
				<0.05	<0.02	-	<0.05	-	-	-	-	<0.05	<0.05	-	-	-	<0.01	-	-	-	-
	19 Mar 2025	0089_MW200_250319	Normal	<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	-
				<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	10 Jun 2025	0089_MW200_250610	Normal	<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	-
				-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	-	-	<0.01	-	-	-	-	-
	23 Sep 2025	0089_MW200_250923	Normal	<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	-
0089_MW202	09 Aug 2017	0089_MW202_S_170809	Normal	<0.01	<0.002	<0.05	<0.005	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	18 Sep 2017	0089_MW202_S_170918	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW202_S_171019	Normal	<0.01	<0.002	-	<0.005	<0.002	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	15 Nov 2017	0089_MW202_S_171115	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW202_S_171207	Normal	<0.01	<0.002	-	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	16 Jan 2018	0089_MW202_S_180116	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	31 Mar 2020	0089_MW202_200331	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	<0.05	0.07	0.07	-	-	0.07	-
		0089_QC103_200331	Field_D	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	-	0.07	-
		0089_QC203_200331	Interlab_D	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	0.06	-	0.03	-	0.06
	22 Jul 2020	0089_MW202_200722	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	-	-	-
	21 Sep 2020	0089_MW202_200921	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.15	0.15	-	-	0.15	-
		0089_QC112_200921	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	0.11	0.11	-	-	-	-
	22 Sep 2020	0089_QC212_200921	Interlab_D	-	-	-	-	<0.05	<0.05	-	-	-	-	<0.01	<0.01	<0.1	0.09	-	0.04	0.09	-
	16 Dec 2020	0089_MW202_201216	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.06	0.06	-	-	-	-
	15 Mar 2021	0089_MW202_210315	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	-	0.09	-	-	-	-
	10 Jun 2021	0089_MW202_210610	Normal	-	-	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	-	0.07	-	-	-	-
	30 Aug 2021	0089_MW202_210830	Normal	-	-	-	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	0.08	0.08	-	-	-	-
	12 Jan 2022	0089_MW202_220112	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	0.08	0.08	-	-	-	-
	18 Mar 2022	0089_MW202_220318	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.07	0.07	-	-	-	-
	08 Jun 2022	0089_MW202_220608	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.08	-	-	-	0.08	-
	05 Sep 2022	0089_MW202_220905	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.07	-	-	0.07	-
	12 Dec 2022	0089_MW202_221212	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.06	0.06	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	13 Mar 2023	0089_MW202_230313	Normal	-	-	-	<0.02	*0.02*	-	<0.02	-	0.01	-	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	07 Jun 2023	0089_MW202_230607	Normal	-	<0.02	-	<0.02	-	-	-	-	0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	-	-	<0.02	-	-
	05 Sep 2023	0089_MW202_230905	Normal	-	-	-	<0.02	*0.01*	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	13 Dec 2023	0089_MW202_231213	Normal	-	<0.02	-	<0.02	*0.04*	-	<0.02	-	0.02	<0.1	-	-	-	-	-	-	<0.02	<0.05	<0.02	-	-
		0089_QC117_231213	Field_D	<0.02	-	-	-	*0.04*	-	<0.02	-	-	-	<0.02	<0.02	-	<0.02	<0.02	-	-	-	-	<0.02	-
		0089_QC217_231213	Interlab_D	<0.01	-	-	<0.01	*0.04*[#1]	<0.01	-	-	-	<0.05	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-	-
	12 Mar 2024	0089_MW202_240312	Normal	<0.02	<0.02	-	<0.02	*0.04*	-	-	-	0.01	-	<0.02	-	-	-	-	<0.01	-	<0.05	-	<0.02	-
	29 May 2024	0089_MW202_240529	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	-	-	<0.02	<0.05	<0.02	<0.02	-
	20 Mar 2025	0089_MW202_250320	Normal	<0.02	<0.02	<0.02	<0.02	*0.03*	<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	<0.02	<0.05
				-	<0.02	-	-	-	-	<0.02	<0.02	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
	10 Jun 2025	0089_MW202_250610	Normal	<0.02	<0.02	<0.02	<0.02	*0.03*	<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	<0.02	<0.05
				<0.02	-	-	<0.02	*0.03*	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	19 Sep 2025	0089_MW202_250919	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<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	<0.02	<0.05
0089_MW203	09 Aug 2017	0089_MW203_S_170809	Normal	0.041	<0.002	-	<0.001	0.001	-	0.019	-	0.024	<0.002	-	<0.005	<0.001	-	-	-	-	-	<0.01	<0.002	-
	08 Jan 2020	0089_MW203_200108	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	31 Mar 2020	0089_MW203_200331	Normal	0.03	<0.02	-	-	<0.01	-	0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC102_200331	Field_D	0.04	<0.02	-	<0.02	<0.01	-	0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
		0089_QC202_200331	Interlab_D	0.02	<0.01	-	-	<0.01	0.01	0.02[#1]	<0.01	<0.01	<0.05	<0.01	-	-	-	<0.01	-	-	-	<0.01	-	-
	15 Jul 2020	0089_MW203_200715	Normal	-	-	-	<0.02	<0.01	-	0.04	-	-	<0.1	-	-	<0.02	-	<0.02	<0.01	<0.02	-	-	<0.02	-
	22 Sep 2020	0089_MW203_200922	Normal	-	-	-	<0.02	*0.01*	-	0.02	-	*0.03*	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	16 Dec 2020	0089_MW203_201216	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	16 Mar 2021	0089_MW203_210316	Normal	<0.02	-	-	-	<0.01	-	0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	-	-	<0.02	-	<0.02	<0.02	-
	09 Jun 2021	0089_MW203_210609	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	-	-
	30 Aug 2021	0089_MW203_210830	Normal	-	<0.02	-	-	<0.01	-	0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	10 Jan 2022	0089_MW203_220110	Normal	0.02	<0.02	-	<0.02	<0.01	-	0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	17 Mar 2022	0089_MW203_220317	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	-	-	-	-	-	<0.02	<0.05	-	<0.02	-
	07 Jun 2022	0089_MW203_220607	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	*0.04*	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-
		0089_QC115_220607	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	<0.02	-
		0089_QC215_220607	Interlab_D	-	-	-	<0.002	<0.004	-	0.007	-	0.026	<0.008	-	<0.001	-	<0.001	<0.002	-	<0.002	<0.001	-	<0.001	-
	06 Sep 2022	0089_MW203_220906	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	*0.05*	-	<0.02	-	-	<0.02	-	<0.01	<0.02	-	-	-	-
	12 Dec 2022	0089_MW203_221212	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	-	-	-
	13 Mar 2023	0089_MW203_230313	Normal	0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	-	<0.02	-
	06 Jun 2023	0089_MW203_230606	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	-	-
	05 Sep 2023	0089_MW203_230905	Normal	0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-
	12 Dec 2023	0089_MW203_231212	Normal	-	-	-	<0.02	<0.01	-	0.03	-	*0.07*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	13 Mar 2024	0089_MW203_240313	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	*0.1*	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	29 May 2024	0089_MW203_240529	Normal	-	-	-	<0.02	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.02	-
	13 Dec 2024	0089_MW203_241213	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.06*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	18 Mar 2025	0089_MW203_250318	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<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	-	-
	10 Jun 2025	0089_MW203_250610	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	-	-	<0.02	*0.04*	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.05
	16 Sep 2025	0089_MW203_250916	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	*0.04*	-	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW214	02 Aug 2017	0089_MW214_S_170802	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	01 Sep 2021	0089_MW214_210901	Normal	-	-	-	<0.02	-	-	-	-	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	13 Jan 2022	0089_MW214_220113	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	-	-
	16 Mar 2022	0089_MW214_220316	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	07 Jun 2022	0089_MW214_220607	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	06 Sep 2022	0089_MW214_220906	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.01	-	-	<0.02	<0.02	-
	13 Dec 2022	0089_MW214_221213	Normal	<0.02	<0.02	-	-	-	-	-	-	<0.01	<0.1	-	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	14 Mar 2023	0089_MW214_230314	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	<0.1	-	-	<0.02	-	-	<0.01	-	-	-	<0.02	-
	08 Jun 2023	0089_MW214_230608	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	04 Sep 2023	0089_MW214_230904	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	11 Mar 2024	0089_MW214_240311	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	<0.02	-	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	28 May 2024	0089_MW214_240528	Normal	-	<0.02	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	-	<0.02	-
	16 Dec 2024	0089_MW214_241216	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	-	-
	20 Mar 2025	0089_MW214_250320	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	-	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	<0.05
	05 Jun 2025	0089_MW214_250605	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	-	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	-	-
	15 Sep 2025	0089_MW214_250915	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
		0089_QC109_250915	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
		0089_QC209_250915	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_MW215	02 Aug 2017	0089_MW215_S_170802	Normal	0.013	-	-	<0.001	<0.001	-	0.011	-	-	-	-	<0.005	-	0.003	-	<0.001	<0.002	<0.05	-	-	-
	01 Sep 2021	0089_MW215_210901	Normal	0.03	<0.02	-	-	<0.01	-	-	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	-	-
	13 Jan 2022	0089_MW215_220113	Normal	0.04	-	-	-	-	-	0.06	-	-	-	-	<0.02	<0.02	0.13	<0.02	-	0.04	<0.05	-	<0.02	-
	16 Mar 2022	0089_MW215_220316	Normal	-	-	-	<0.02	-	-	0.12	-	*0.61*	<0.1	-	-	-	0.42	-	0.01	-	-	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	13 Mar 2023	0089_MW202_230313	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	-	-	-	-	-
	07 Jun 2023	0089_MW202_230607	Normal	-	-	-	<0.05	-	<0.05	<0.02	-	-	<0.05	-	<0.05	-	0.03	-	-	0.03	-
	05 Sep 2023	0089_MW202_230905	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	0.01	-
	13 Dec 2023	0089_MW202_231213	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.06	0.06	-	-	0.06	-
		0089_QC117_231213	Field_D	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	0.06	0.06	-	-	-	-
		0089_QC217_231213	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-	-	-	<0.1	0.05	-	0.04	0.05	-
	12 Mar 2024	0089_MW202_240312	Normal	<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	0.05	0.05	-	-	-	-
	29 May 2024	0089_MW202_240529	Normal	<0.05	-	-	-	-	-	-	-	<0.05	-	-	<0.05	0.02	0.02	-	-	0.02	-
	20 Mar 2025	0089_MW202_250320	Normal	<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	-
				-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	-	0.03	-	-	0.03	-
	10 Jun 2025	0089_MW202_250610	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	0.03	-	-	-	-
	19 Sep 2025	0089_MW202_250919	Normal	<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	-
0089_MW203	09 Aug 2017	0089_MW203_S_170809	Normal	-	<0.002	<0.05	<0.005	-	-	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW203_200108	Normal	-	<0.02	<0.05	-	-	-	<0.02	-	-	<0.05	-	-	0.03	0.03	-	-	-	-
	31 Mar 2020	0089_MW203_200331	Normal	-	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.05	0.03	-	-	-	-
		0089_QC102_200331	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	0.06	-	-	-	<0.01	-
		0089_QC202_200331	Interlab_D	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	-	-	<0.05	-	<0.01	<0.01	-
	15 Jul 2020	0089_MW203_200715	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	-	0.04	-	-	-	-
	22 Sep 2020	0089_MW203_200922	Normal	<0.05	<0.02	-	-	-	<0.05	-	-	-	-	<0.05	-	0.1	0.08	-	-	0.04	-
	16 Dec 2020	0089_MW203_201216	Normal	-	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	-	-
	16 Mar 2021	0089_MW203_210316	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	0.02	-	-	-	-	-
	09 Jun 2021	0089_MW203_210609	Normal	-	<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	-
	30 Aug 2021	0089_MW203_210830	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.11	0.09	-	-	-	-
	10 Jan 2022	0089_MW203_220110	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	0.09	-	-	0.07	-
	17 Mar 2022	0089_MW203_220317	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	0.05	-
	07 Jun 2022	0089_MW203_220607	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	-	<0.05	0.04	0.04	-	-	0.04	-
		0089_QC115_220607	Field_D	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	-	-
		0089_QC215_220607	Interlab_D	<0.004	<0.004	<0.008	-	<0.004	<0.008	-	-	<0.008	<0.008	<0.002	<0.004	-	0.071	-	-	0.026	-
	06 Sep 2022	0089_MW203_220906	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	-	0.05	0.05	-	-	-	-
	12 Dec 2022	0089_MW203_221212	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.12	0.12	-	-	0.12	-
	13 Mar 2023	0089_MW203_230313	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	0.06	-	-	-	-	-
	06 Jun 2023	0089_MW203_230606	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.04	-	-	-	-
	05 Sep 2023	0089_MW203_230905	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	-	0.05	-	-	-	-
	12 Dec 2023	0089_MW203_231212	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	0.1	0.07	-	-	0.07	-
	13 Mar 2024	0089_MW203_240313	Normal	-	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	-	-	-	-	-	0.1	-
	29 May 2024	0089_MW203_240529	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	0.05	0.05	-	-	-	-
	13 Dec 2024	0089_MW203_241213	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.06	0.06	-	-	0.06	-
	18 Mar 2025	0089_MW203_250318	Normal	<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	-
				<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	-	-	<0.05	-	0.06	-	-	0.06	-
	10 Jun 2025	0089_MW203_250610	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	-	-	<0.05	0.04	-	-	-	0.04	-
	16 Sep 2025	0089_MW203_250916	Normal	<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	-
				-	-	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	0.04	-	-	-	-
0089_MW214	02 Aug 2017	0089_MW214_S_170802	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	01 Sep 2021	0089_MW214_210901	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	13 Jan 2022	0089_MW214_220113	Normal	-	-	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
	16 Mar 2022	0089_MW214_220316	Normal	-	<0.02	-	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	07 Jun 2022	0089_MW214_220607	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-
	06 Sep 2022	0089_MW214_220906	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	13 Dec 2022	0089_MW214_221213	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	14 Mar 2023	0089_MW214_230314	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	08 Jun 2023	0089_MW214_230608	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	04 Sep 2023	0089_MW214_230904	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	-	-	<0.01	-	-	<0.01	-
	11 Mar 2024	0089_MW214_240311	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	28 May 2024	0089_MW214_240528	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	16 Dec 2024	0089_MW214_241216	Normal	<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	-
				-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	<0.01	-	-	-	-
	20 Mar 2025	0089_MW214_250320	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	05 Jun 2025	0089_MW214_250605	Normal	<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	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	-	-
	15 Sep 2025	0089_MW214_250915	Normal	<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	-
				-	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
		0089_QC109_250915	Field_D	<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	-
		0089_QC209_250915	Interlab_D	<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
0089_MW215	02 Aug 2017	0089_MW215_S_170802	Normal	-	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	01 Sep 2021	0089_MW215_210901	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.38	-	-	-	-
	13 Jan 2022	0089_MW215_220113	Normal	<0.05	-	-	<0.05	-	<0.05	-	-	-	<0.05	<0.05	<0.05	-	0.68	-	-	0.47	-
	16 Mar 2022	0089_MW215_220316	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.45	1.33	-	-	0.61	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	07 Jun 2022	0089_MW215_220607	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	*0.8*	<0.1	-	<0.02	0.05	0.42	<0.02	-	-	<0.05	-	<0.02	-
	06 Sep 2022	0089_MW215_220906	Normal	-	<0.02	-	<0.02	-	-	0.13	-	*0.73*	<0.1	<0.02	-	0.03	0.24	-	-	0.07	-	-	<0.02	-
	13 Dec 2022	0089_MW215_221213	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	*0.24*	<0.1	<0.02	-	-	0.06	-	<0.01	-	<0.05	-	-	-
	14 Mar 2023	0089_MW215_230314	Normal	-	-	-	<0.02	-	-	0.06	-	*0.45*	<0.1	<0.02	-	0.02	-	<0.02	-	-	<0.05	<0.02	-	-
	08 Jun 2023	0089_MW215_230608	Normal	-	<0.02	-	-	<0.01	-	0.12	-	*0.63*	<0.1	<0.02	-	0.04	0.17	<0.02	0.01	0.06	-	-	<0.02	-
	04 Sep 2023	0089_MW215_230904	Normal	-	-	-	<0.02	<0.01	-	0.05	-	-	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	11 Dec 2023	0089_MW215_231211	Normal	0.04	-	-	<0.02	<0.01	-	0.07	-	-	<0.1	<0.02	<0.02	0.02	0.1	<0.02	-	0.03	<0.05	-	-	-
	11 Mar 2024	0089_MW215_240311	Normal	0.04	<0.02	-	<0.02	-	-	0.07	-	-	-	-	<0.02	0.03	0.14	<0.02	<0.01	0.04	<0.05	<0.02	<0.02	-
	28 May 2024	0089_MW215_240528	Normal	0.1	<0.02	-	<0.02	-	-	0.16	-	*1.2*	-	<0.02	-	0.08	0.3	<0.02	0.03	0.08	-	-	<0.02	-
	16 Dec 2024	0089_MW215_241216	Normal	0.04	<0.02	<0.02	<0.02	*0.04*	<0.02	0.06	-	*0.52*	<0.1	<0.02	<0.02	0.03	0.09	<0.02	0.01	0.03	<0.05	<0.02	<0.02	<0.05
				0.04	<0.02	-	<0.02	*0.04*	<0.02	-	-	*0.52*	<0.1	<0.02	<0.02	0.03	0.09	-	-	0.03	<0.05	-	<0.02	-
		0089_QC105_241216	Field_D	0.04	<0.02	<0.02	<0.02	<0.01	<0.02	0.07	-	*0.52*	<0.1	<0.02	<0.02	0.03	0.10	<0.02	0.01	0.03	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	<0.01	-	-	<0.02	*0.52*	-	<0.02	<0.02	0.03	-	-	0.01	0.03	<0.05	<0.02	<0.02	-
		0089_QC205_241216	Interlab_D	0.03	<0.01	<0.01	<0.01	*0.01*[#1]	0.01	0.05[#1]	-	*0.47*[#1]	<0.05	<0.01	<0.01	<0.05	0.09	<0.01	0.01[#1]	0.03	<0.01	<0.01	<0.01	-
				0.03	-	-	-	-	0.01	0.05[#1]	<0.01	*0.47*[#1]	-	<0.01	<0.01	<0.05	-	<0.01	0.01[#1]	-	<0.01	-	-	-
	20 Mar 2025	0089_MW215_250320	Normal	0.14	<0.02	<0.02	<0.02	*0.02*	0.02	0.22	-	*1.22*	<0.1	<0.02	<0.02	0.09	0.38	<0.02	0.02	0.10	<0.05	<0.02	<0.02	<0.05
				-	-	-	<0.02	*0.02*	0.02	0.22	<0.02	-	<0.1	<0.02	-	0.09	-	-	0.02	-	<0.05	-	-	-
	05 Jun 2025	0089_MW215_250605	Normal	0.57	<0.02	<0.02	0.02	<0.01	0.06	0.98	-	*2.62*	0.1	<0.02	<0.02	0.25	1.83	<0.02	0.08	0.20	<0.05	<0.02	<0.02	<0.05
				0.57	-	-	0.02	-	0.06	0.98	-	*2.62*	-	-	<0.02	-	-	-	0.08	0.2	-	<0.02	<0.02	<0.05
	15 Sep 2025	0089_MW215_250915	Normal	0.10	<0.02	<0.02	<0.02	*0.03*	<0.02	0.18	-	*1.05*	<0.1	<0.02	<0.02	0.05	0.21	<0.02	0.01	0.04	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	*0.03*	<0.02	-	-	*1.05*	<0.1	<0.02	<0.02	-	-	<0.02	-	-	<0.05	<0.02	<0.02	-
0089_MW216	02 Aug 2017	0089_MW216_S_170802	Normal	0.4	<0.002	-	0.023	*0.058*	-	-	-	*4.2*	0.2	<0.002	-	0.34	1.1	<0.001	-	-	-	-	<0.002	-
	11 Sep 2017	0089_MW216_S_170911	Normal	0.39	-	-	0.024	*0.04*	-	0.69	-	*3.1*	0.23	-	<0.005	0.28	1.1	<0.001	-	0.96	<0.05	<0.01	-	-
	16 Oct 2017	0089_MW216_S_171016	Normal	0.26	-	-	-	*0.028*	-	0.46	-	-	-	<0.002	<0.005	0.2	1.1	-	-	-	-	<0.01	-	-
	17 Nov 2017	0089_MW216_S_171117	Normal	0.32	-	-	-	*0.02*	-	0.5	-	-	-	-	<0.005	0.23	1.2	<0.001	0.072	0.94	<0.05	<0.01	<0.002	-
	05 Dec 2017	0089_MW216_S_171205	Normal	0.43	<0.002	-	0.027	-	-	0.76	-	-	0.23	-	<0.005	0.21	-	-	-	-	<0.05	<0.01	<0.002	-
	15 Jan 2018	0089_MW216_S_180115	Normal	0.3	<0.002	-	-	-	-	-	-	-	0.21	<0.002	<0.005	0.26	-	<0.001	-	0.77	<0.05	<0.01	<0.002	-
	19 Dec 2019	0089_MW216_191219	Normal	0.31	-	-	-	*0.22*	-	0.51	-	-	-	-	-	0.25	1.13	<0.02	0.17	1.43	-	<0.02	<0.02	-
	31 Mar 2020	0089_MW216_200331	Normal	0.3	<0.02	-	-	*0.27*	-	-	-	-	-	<0.02	<0.02	-	1.79	<0.02	*0.22*	4.14	<0.05	<0.02	<0.02	-
	22 Jul 2020	0089_MW216_200722	Normal	-	<0.02	-	-	-	-	-	-	-	0.5	-	<0.02	0.25	1.57	<0.02	*0.24*	-	-	<0.02	<0.02	-
	15 Dec 2020	0089_MW216_201215	Normal	0.36	<0.02	-	0.11	*0.63*	-	0.62	-	-	-	<0.02	<0.02	0.37	2.88	<0.02	-	4.78	<0.05	<0.02	-	-
		0089_QC113_201215	Field_D	0.34	-	-	0.11	*0.62*	-	-	-	*3.93*	0.7	-	-	-	-	<0.02	-	4.26	-	<0.02	-	-
		0089_QC213_201115	Interlab_D	0.34	<0.01	-	0.1	*0.59*[#1]	-	0.48[#1]	<0.01	*3.6*	-	<0.01	<0.01	-	-	-	*0.28*	4.3	-	-	<0.01	-
	18 Mar 2021	0089_MW216_210318	Normal	0.34	-	-	-	*0.55*	-	0.41	-	-	-	-	<0.02	0.33	-	<0.02	*0.3*	2.88	<0.05	-	<0.02	-
	09 Jun 2021	0089_MW216_210609	Normal	0.51	-	-	0.15	*1.07*	-	-	-	*3.5*	0.9	<0.02	<0.02	0.38	1.85	-	*0.39*	3.57	<0.05	<0.02	-	-
	31 Aug 2021	0089_MW216_210831	Normal	0.39	-	-	0.16	-	-	0.5	-	*3.45*	-	<0.02	<0.02	-	1.98	-	*0.3*	3.61	-	<0.02	<0.02	-
	13 Jan 2022	0089_MW216_220113	Normal	-	-	-	-	*1.2*	-	0.56	-	-	-	<0.02	-	0.48	-	<0.02	*0.34*	-	<0.05	<0.02	-	-
	16 Mar 2022	0089_MW216_220316	Normal	0.53	-	-	0.15	-	-	0.69	-	-	-	<0.02	-	0.45	3.16	<0.02	*0.41*	3.66	<0.05	<0.02	-	-
	07 Jun 2022	0089_MW216_220607	Normal	0.39	-	-	0.16	-	-	0.45	-	*3.29*	-	<0.02	<0.02	0.3	-	<0.02	*0.3*	3.6	-	<0.02	<0.02	-
	05 Sep 2022	0089_MW216_220905	Normal	0.32	-	-	-	-	-	0.47	-	-	2.3	<0.02	<0.02	0.31	-	-	*0.22*	-	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW216_221213	Normal	0.46	-	-	-	-	-	0.57	-	*4.02*	8.3	<0.02	-	-	-	<0.02	*0.32*	27.3	<0.05	<0.02	<0.02	-
	14 Mar 2023	0089_MW216_230314	Normal	0.2	<0.02	-	0.07	-	-	0.25	-	*2.12*	4.1	-	<0.02	0.38	7.54	<0.02	0.17	15.5	-	<0.02	-	-
	08 Jun 2023	0089_MW216_230608	Normal	0.24	<0.02	-	0.08	-	-	-	-	*2.65*	-	-	<0.02	0.5	-	-	*0.24*	-	<0.05	<0.02	-	-
	04 Sep 2023	0089_MW216_230904	Normal	0.13	-	-	0.06	-	-	0.14	-	-	-	-	<0.02	0.78	7.26	<0.02	-	-	-	<0.02	-	-
	11 Dec 2023	0089_MW216_231211	Normal	0.14	<0.02	-	0.04	*0.3*	-	0.14	-	*1.33*	-	<0.02	-	1.31	-	<0.02	0.14	8.97	-	<0.02	<0.02	-
	12 Mar 2024	0089_MW216_240312	Normal	0.12	-	-	-	*0.12*	-	0.1	-	*0.81*	3.5	<0.02	<0.02	-	-	<0.02	-	10.7	-	<0.02	-	-
	28 May 2024	0089_MW216_240528	Normal	0.25	-	-	0.08	*0.63*	-	0.23	-	*1.58*	2	-	-	0.35	-	<0.02	0.18	-	-	<0.02	-	-
	16 Dec 2024	0089_MW216_241216	Normal	0.12	<0.02	<0.02	0.04	*0.26*	0.04	0.11	-	*1.15*	3.3	<0.02	<0.02	1.60	10.1	<0.02	0.12	11.9	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.04	*0.26*	0.04	-	-	*1.15*	3.3	<0.02	<0.02	-	10.1	-	0.12	11.9	<0.05	-	-	-
	20 Mar 2025	0089_MW216_250320	Normal	0.11	<0.02	<0.02	<0.02	*0.10*	0.04	0.09	-	*1.09*	3.1	<0.02	<0.02	1.58	9.28	<0.02	0.08	10.7	<0.05	<0.02	<0.02	<0.05
				0.11	-	-	-	-	0.04	0.09	-	-	-	<0.02	<0.02	1.58	-	<0.02	0.08	-	<0.05	<0.02	<0.02	<0.05
	05 Jun 2025	0089_MW216_250605	Normal	0.16	<0.02	<0.02	0.02	*0.23*	0.05	0.14	-	*1.04*	2.4	<0.02	<0.02	0.78	6.56	<0.02	0.12	8.44	<0.05	<0.02	<0.02	<0.05
				0.16	<0.02	-	0.02	*0.23*	-	0.14	<0.02	*1.04*	2.4	<0.02	<0.02	-	-	-	-	8.44	<0.05	<0.02	-	-
	15 Sep 2025	0089_MW216_250915	Normal	0.06	<0.02	<0.02	<0.02	*0.09*	<0.02	0.06	-	*0.68*	3.1	<0.02	<0.02	2.30	10.7	<0.02	0.07	11.6	<0.05	<0.02	<0.02	<0.05
				0.06	<0.02	-	-	*0.09*	<0.02	-	<0.02	*0.68*	3.1	-	-	2.3	-	<0.02	0.07	-	<0.05	<0.02	<0.02	<0.05
0089_MW217	02 Aug 2017	0089_MW217_S_170802	Normal	0.011	<0.002	-	<0.001	-	-	0.017	-	<0.001	5.4	<0.002	-	0.82	13	-	*0.33*	31	<0.05	<0.01	<0.002	-
	11 Sep 2017	0089_MW217_S_170911	Normal	-	-	-	<0.001	*0.18*	-	0.12	-	-	3.3	-	<0.005	0.79	6.8	-	*0.24*	5.9	-	<0.01	<0.002	-
		0089_QC1MW_170911	Field_D	0.097	<0.002	-	<0.001	-	-	0.1	-	*0.1*	3.5	-	-	-	-	0.017	*0.23*	5.9	<0.05	-	<0.002	-
		0089_QC2MW_170911	Interlab_D	0.04	-	-	<0.01[#1]	*0.32*[#1]	-	0.02[#1]	-	*0.12*[#1]	2.6	-	-	1.3[#1]	-	0.03	*0.27*	11[#1]	<0.01	<0.01	<0.01	-
	16 Oct 2017	0089_MW217_S_171016	Normal	0.045	<0.04	-	<0.01	*0.16*	-	0.066	-	-	-	<0.02	-	0.84	5.3	<0.01	-	-	<1	<0.2	<0.02	-
	17 Nov 2017	0089_MW217_S_171117	Normal	-	-	-	-	-	-	0.2	-	-	1.6	<0.002	<0.005	1.4	-	0.005	*0.26*	5.8	<0.05	<0.01	-	-
	05 Dec 2017	0089_MW217_S_171205	Normal	0.059	<0.002	-	-	-	-	-	-	-	-	<0.002	<0.005	0.96	-	0.005	*0.2*	-	<0.05	<0.01	-	-
	15 Jan 2018	0089_MW217_S_180115	Normal	0.019	-	-	-	-	-	-	-	-	-	<0.002	-	1.4	10	0.006	-	-	<0.05	<0.01	<0.002	-
	19 Dec 2019	0089_MW217_191219	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	0.02	0.2	-	<0.02	-	2.43	-	*0.32*	2.33	-	-	-	-
	31 Mar 2020	0089_MW217_200331	Normal	<0.02	-	-	-	*0.06*	-	<0.02	-	-	<0.1	<0.02	-	-	-	-	*0.22*	0.44	<0.05	<0.02	<0.02	-
	22 Jul 2020	0089_MW217_200722	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	-	<0.02	-	0.77	4.07	0.03	*0.29*	3.29	<0.05	-	-	-
		0089_QC114_200722	Field_D	<0.02	-	-	<0.02	*0.07*	-	<0.02	-	<0.02	-	<0.02	<0.02	-	4.26	0.03	*0.3*	3.41	-	<0.02	-	-
		0089_QC214_200722	Interlab_D	-	<0.01	-	<0.01	*0.03*[#1]	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-	-	0.02	-	2.4	<0.01	-	-	-
	24 Sep 2020	0089_MW217_200924	Normal	<0.02	-	-	<0.02	*0.23*	-	<0.02	-	-	-	-	<0.02	-	2.66	-	*0.33*	3.21	<0.05	<0.02	<0.02	-
	15 Dec 2020	0089_MW217_201215	Normal	-	<0.02	-	<0.02	*0.03*	-	-	-	<0.02	-	<0.02	-	0.51	2.44	0.02	*0.23*	-	-	-	-	-
	18 Mar 2021	0089_MW217_210318	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	-	0.9	<0.02	-	-	-	<0.02	*0.3*	2.56	<0.05	-	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	07 Jun 2022	0089_MW215_220607	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.7	1.53	-	-	0.8	-
	06 Sep 2022	0089_MW215_220906	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	-	1.29	1.16	-	-	0.73	-
	13 Dec 2022	0089_MW215_221213	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	0.34	-	-	0.24	-
	14 Mar 2023	0089_MW215_230314	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.73	0.67	-	-	0.45	-
	08 Jun 2023	0089_MW215_230608	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.09	-	-	-	0.63	-
	04 Sep 2023	0089_MW215_230904	Normal	-	<0.02	<0.05	-	<0.02	-	-	-	-	<0.05	<0.05	<0.05	0.62	-	-	-	-	-
	11 Dec 2023	0089_MW215_231211	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.84	-	-	-	0.58	-
	11 Mar 2024	0089_MW215_240311	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	-	-	0.75	-	-	-	-
	28 May 2024	0089_MW215_240528	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	2	1.81	-	-	1.22	-
	16 Dec 2024	0089_MW215_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.82	-	0.76	-	0.56	-
				-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	0.76	-	-	0.56	-
		0089_QC105_241216	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.80	-	0.73	-	0.52	-
				<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.8	0.73	-	-	-	-
		0089_QC205_241216	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.7	-	0.64	0.02	0.48	0.49
				-	-	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	0.7	0.64	-	0.02	0.48	0.49
	20 Mar 2025	0089_MW215_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.21	-	1.97	-	1.24	-
				<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	-	-	1.97	-	-	-	-
	05 Jun 2025	0089_MW215_250605	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.71	-	5.65	-	2.62	-
				<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	2.62	-
	15 Sep 2025	0089_MW215_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.67	-	1.49	-	1.08	-
				<0.05	<0.02	-	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	1.08	-
0089_MW216	02 Aug 2017	0089_MW216_S_170802	Normal	<0.01	-	<0.05	-	<0.002	<0.005	-	-	-	0.043	-	<0.001	-	-	-	-	-	-
	11 Sep 2017	0089_MW216_S_170911	Normal	<0.01	-	<0.05	<0.005	<0.002	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	16 Oct 2017	0089_MW216_S_171016	Normal	-	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	17 Nov 2017	0089_MW216_S_171117	Normal	<0.1	<0.002	<0.05	-	-	0.006	<0.01	-	-	0.004	<0.001	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW216_S_171205	Normal	<0.01	-	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	0.006	<0.001	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW216_S_180115	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Dec 2019	0089_MW216_191219	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.22	-	-	-	-	-	-	3.89	-
	31 Mar 2020	0089_MW216_200331	Normal	-	<0.02	-	-	-	-	-	-	<0.05	0.35	<0.05	-	10.7	-	-	-	-	-
	22 Jul 2020	0089_MW216_200722	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	1.18	<0.05	<0.05	10.7	-	-	-	3.61	-
	15 Dec 2020	0089_MW216_201215	Normal	-	-	-	-	<0.02	-	-	-	<0.05	1.32	<0.05	<0.05	-	15.6	-	-	-	-
		0089_QC113_201215	Field_D	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	15.1	14.4	-	-	4.55	-
		0089_QC213_201115	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	14.91	-	-	0.87	4.19	4.47
	18 Mar 2021	0089_MW216_210318	Normal	-	<0.02	-	-	<0.02	-	-	-	<0.05	2.17	-	<0.05	13.8	13.3	-	-	4.3	-
	09 Jun 2021	0089_MW216_210609	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	-	3.81	<0.05	<0.05	16.7	-	-	-	4.57	-
	31 Aug 2021	0089_MW216_210831	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	2.71	-	-	15.5	-	-	-	4.49	-
	13 Jan 2022	0089_MW216_220113	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	18.1	-	-	-	-
	16 Mar 2022	0089_MW216_220316	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	-	-	-	16.5	-	-	-	-
	07 Jun 2022	0089_MW216_220607	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	-	<0.05	-	15.7	15.1	-	-	4.45	-
	05 Sep 2022	0089_MW216_220905	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	-	-	-	<0.05	-	24.5	-	-	-	-
	13 Dec 2022	0089_MW216_221213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	1.92	<0.05	<0.05	59.5	58.8	-	-	4.98	-
	14 Mar 2023	0089_MW216_230314	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	2.62	-
	08 Jun 2023	0089_MW216_230608	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	-	1.92	<0.05	<0.05	-	-	-	-	-	-
	04 Sep 2023	0089_MW216_230904	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	-	-	<0.05	<0.05	22.6	22.4	-	-	1.86	-
	11 Dec 2023	0089_MW216_231211	Normal	-	<0.02	-	-	-	-	<0.02	-	<0.05	1.3	<0.05	-	-	-	-	-	1.63	-
	12 Mar 2024	0089_MW216_240312	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	1.73	-	<0.05	-	26.2	-	-	-	-
	28 May 2024	0089_MW216_240528	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	2.21	-
	16 Dec 2024	0089_MW216_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	2.97	<0.05	<0.05	31.7	-	31.5	-	1.41	-
				<0.05	<0.02	-	<0.05	-	-	-	-	<0.05	2.97	-	<0.05	31.7	-	-	-	-	-
	20 Mar 2025	0089_MW216_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	1.34	<0.05	<0.05	27.5	-	27.4	-	1.19	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	1.34	<0.05	-	27.5	27.4	-	-	1.19	-
	05 Jun 2025	0089_MW216_250605	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	3.60	<0.05	<0.05	23.5	-	23.3	-	1.27	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	-	23.5	23.3	-	-	-	-
	15 Sep 2025	0089_MW216_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	1.74	<0.05	<0.05	30.4	-	30.3	-	0.77	-
				-	-	-	-	-	<0.05	<0.02	-	<0.05	1.74	<0.05	<0.05	30.4	30.3	-	-	0.77	-
0089_MW217	02 Aug 2017	0089_MW217_S_170802	Normal	-	-	<0.05	<0.005	-	<0.005	<0.01	-	1.2	9.6	0.093	<0.001	-	-	-	-	-	-
	11 Sep 2017	0089_MW217_S_170911	Normal	<0.01	-	-	-	-	-	-	-	-	17	0.2	<0.001	-	-	-	-	-	-
		0089_QC1MW_170911	Field_D	<0.01	-	<0.05	<0.005	-	<0.005	<0.01	-	0.12	-	0.18	-	-	-	-	-	-	-
		0089_QC2MW_170911	Interlab_D	-	<0.05	-	<0.05	<0.05	-	<0.05	-	0.09	3.3	0.48	<0.01	25.77	-	-	-	-	-
	16 Oct 2017	0089_MW217_S_171016	Normal	<0.2	-	<1	<0.05	<0.02	<0.05	-	-	-	13	0.11	<0.02	-	-	-	-	-	-
	17 Nov 2017	0089_MW217_S_171117	Normal	-	<0.002	-	<0.05	<0.002	-	-	-	0.047	11	0.1	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW217_S_171205	Normal	<0.01	-	-	-	<0.002	<0.005	-	-	0.16	-	0.1	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW217_S_180115	Normal	-	<0.002	-	<0.005	<0.002	-	<0.01	-	0.2	-	-	-	-	-	-	-	-	-
	19 Dec 2019	0089_MW217_191219	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	32.1	0.55	<0.05	38.8	38.8	-	-	-	-
	31 Mar 2020	0089_MW217_200331	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	21	0.74	<0.05	23.2	-	-	-	0.06	-
	22 Jul 2020	0089_MW217_200722	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	34.3	0.26	<0.05	43.5	-	-	-	0.05	-
		0089_QC114_200722	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	-	-	<0.05	47	47	-	-	0.07	-
		0089_QC214_200722	Interlab_D	<0.05	-	-	<0.05	-	<0.05	-	-	0.02	3	-	<0.01	9.64	9.6	-	0.26	-	0.26
	24 Sep 2020	0089_MW217_200924	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	26.2	0.26	-	-	34	-	-	0.27	-
	15 Dec 2020	0089_MW217_201215	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	0.57	<0.05	27.9	27.9	-	-	0.03	-
	18 Mar 2021	0089_MW217_210318	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	28.5	-	<0.05	-	36.4	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	09 Jun 2021	0089_MW217_210609	Normal	<0.02	<0.02	-	-	*0.02*	-	<0.02	-	-	-	<0.02	-	0.7	4.33	0.02	-	6.98	-	<0.02	-	-
	31 Aug 2021	0089_MW217_210831	Normal	0.02	<0.02	-	<0.02	*0.04*	-	-	-	*0.04*	1.3	<0.02	-	-	-	<0.02	*0.38*	6.95	<0.05	<0.02	<0.02	-
	13 Jan 2022	0089_MW217_220113	Normal	-	<0.02	-	<0.02	-	-	0.02	-	-	-	<0.02	<0.02	0.98	11.7	-	*0.3*	10.8	<0.05	-	<0.02	-
	17 Mar 2022	0089_MW217_220317	Normal	-	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	<0.02	*0.43*	8.38	<0.05	-	-	-
	08 Jun 2022	0089_MW217_220608	Normal	0.02	<0.02	-	<0.02	-	-	0.02	-	0.02	1.5	<0.02	<0.02	0.88	5.57	<0.02	*0.38*	4.56	<0.05	<0.02	<0.02	-
	08 Sep 2022	0089_MW217_220908	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	*0.05*	1	<0.02	<0.02	1.23	4.44	-	*0.37*	4.61	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW217_221213	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	*0.03*	-	-	<0.02	-	-	<0.02	*0.24*	1.86	-	-	<0.02	-
	15 Mar 2023	0089_MW217_230315	Normal	-	<0.02	-	<0.02	-	-	0.03	-	-	-	<0.02	<0.02	0.9	9.3	<0.02	*0.34*	8.73	-	<0.02	<0.02	-
	08 Jun 2023	0089_MW217_230608	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.02	-	<0.02	<0.02	0.87	-	<0.02	*0.37*	7.97	<0.05	<0.02	-	-
	04 Sep 2023	0089_MW217_230904	Normal	-	<0.02	-	<0.02	*0.03*	-	<0.02	-	-	-	<0.02	-	-	4.86	0.02	-	-	<0.05	<0.02	<0.02	-
	13 Dec 2023	0089_MW217_231213	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	1.5	<0.02	-	0.86	5.91	<0.02	*0.34*	5.7	<0.05	-	-	-
		0089_QC118_231213	Field_D	<0.02	-	-	-	-	-	-	-	*0.09*	-	<0.02	<0.02	-	-	<0.02	-	5.22	<0.05	<0.02	-	-
		0089_QC218_231213	Interlab_D	<0.01	-	-	<0.01	-	<0.01	0.02	<0.01	*0.04*[#1]	1.5	-	-	-	4.8[#1]	0.02	-	-	-	-	<0.01	-
	13 Mar 2024	0089_MW217_240313	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.02	-	<0.02	-	1.06	4.55	-	*0.3*	5.32	-	<0.02	<0.02	-
	28 May 2024	0089_MW217_240528	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	-	-	1.11	-	<0.02	*0.31*	-	-	<0.02	-	-
	16 Dec 2024	0089_MW217_241216	Normal	<0.02	<0.02	<0.02	<0.02	*1.05*	<0.02	0.04	-	*0.06*	1.4	<0.02	<0.02	1.18	5.76	0.05	*0.57*	6.05	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	*1.05*	<0.02	0.04	-	*0.06*	1.4	<0.02	<0.02	-	-	-	*0.57*	6.05	<0.05	<0.02	<0.02	-
	20 Mar 2025	0089_MW217_250320	Normal	<0.02	<0.02	<0.02	<0.02	*0.04*	<0.02	<0.02	-	0.02	1.3	<0.02	<0.02	1.29	5.45	<0.02	*0.39*	6.68	<0.05	<0.02	<0.02	<0.05
				-	-	-	<0.02	-	<0.02	-	<0.02	0.02	1.3	<0.02	<0.02	1.29	5.45	<0.02	*0.39*	6.68	-	<0.02	<0.02	<0.05
	05 Jun 2025	0089_MW217_250605	Normal	<0.02	<0.02	<0.02	<0.02	*0.07*	<0.02	<0.02	-	0.02	2.0	<0.02	<0.02	1.00	4.00	0.02	*0.29*	9.65	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	-	<0.02	<0.02	-	0.02	2	<0.02	-	1	4	0.02	*0.29*	9.65	<0.05	<0.02	-	<0.05
	15 Sep 2025	0089_MW217_250915	Normal	<0.02	<0.02	<0.02	<0.02	*0.08*	<0.02	0.02	-	*0.04*	1.0	<0.02	<0.02	1.00	3.15	<0.02	*0.34*	4.11	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	*0.04*	1	<0.02	<0.02	1	3.15	<0.02	-	4.11	<0.05	-	<0.02	-
0089_MW220	26 Feb 2016	HDF_MB50	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	-	-	-	-	-
	04 Nov 2016	HSF_MB50	Normal	-	-	-	-	*1.5*[#3]	-	-	-	-	-	-	-	-	-	-	0.1[#3]	-	-	-	-	-
	02 Aug 2017	0089_MW220_S_170802	Normal	-	<0.002	-	-	*0.87*	-	0.12	-	-	0.23	-	-	0.085	0.41	0.002	0.041	0.4	-	-	-	-
	11 Sep 2017	0089_MW220_S_170911	Normal	0.041	<0.002	-	0.006	*0.25*	-	-	-	*0.35*	0.16	<0.002	<0.005	0.11	-	-	0.021	-	-	-	-	-
	16 Oct 2017	0089_MW220_S_171016	Normal	-	<0.002	-	0.003	*0.2*	-	0.028	-	*0.19*	0.15	<0.002	<0.005	0.059	0.17	<0.001	0.014	-	<0.05	<0.01	-	-
	17 Nov 2017	0089_MW220_S_171117	Normal	0.2	<0.002	-	-	*0.34*	-	-	-	-	-	<0.002	<0.005	0.12	-	0.002	0.1	0.34	-	<0.01	-	-
	05 Dec 2017	0089_MW220_S_171205	Normal	-	-	-	0.088	*0.36*	-	0.32	-	*1.8*	0.19	-	<0.005	0.11	0.53	-	0.12	0.24	-	-	<0.002	-
		0089_QC1MW_171205	Field_D	0.16	-	-	-	-	-	-	-	*1.8*	0.19	<0.002	<0.005	-	-	-	-	-	<0.05	<0.01	<0.002	-
		0089_QC2MW_171205	Interlab_D	-	<0.01	-	0.07[#1]	*0.46*[#1]	-	-	-	-	0.18	<0.01	<0.01	0.14[#1]	-	-	-	0.4	-	<0.01	<0.01	-
	15 Jan 2018	0089_MW220_S_180115	Normal	-	-	-	0.16	*1.2*	-	-	-	*5.2*	-	<0.002	-	0.3	1.2	0.003	*0.27*	0.61	<0.05	-	<0.002	-
	09 Jun 2021	0089_MW220_210609	Normal	0.18	<0.02	-	0.46	*9.38*	-	-	-	*3.61*	0.2	<0.02	-	0.19	0.55	<0.02	-	0.4	<0.05	-	<0.02	-
	13 Jan 2022	0089_MW220_220113	Normal	-	-	-	-	*72*	-	-	-	*5.45*	0.4	-	-	0.28	1.88	-	-	0.85	<0.05	<0.02	-	-
	08 Jun 2022	0089_MW220_220608	Normal	-	-	-	0.53	*23.5*	-	0.18	-	*4.02*	0.2	<0.02	<0.02	0.19	0.94	-	-	0.49	<0.05	-	<0.02	-
	08 Sep 2022	0089_MW220_220908	Normal	0.26	<0.02	-	-	-	-	0.2	-	*4.21*	-	<0.02	<0.02	0.21	1.08	0.04	*0.45*	0.51	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW220_221213	Normal	0.14	<0.02	-	-	-	-	0.08	-	*1.22*	0.2	<0.02	<0.02	0.08	0.39	0.03	0.16	0.27	<0.05	-	-	-
	15 Mar 2023	0089_MW220_230315	Normal	0.06	<0.02	-	-	*12*	-	0.05	-	*0.66*	-	-	<0.02	0.07	0.27	-	0.1	0.21	<0.05	<0.02	<0.02	-
	08 Jun 2023	0089_MW220_230608	Normal	0.05	-	-	0.1	*7.27*	-	-	-	*0.82*	0.1	-	-	-	0.24	<0.02	0.14	0.17	<0.05	<0.02	<0.02	-
	04 Sep 2023	0089_MW220_230904	Normal	-	<0.02	-	0.06	*4.86*	-	0.02	-	*0.32*	-	<0.02	-	-	0.12	<0.02	0.05	-	-	<0.02	<0.02	-
	13 Dec 2023	0089_MW220_231213	Normal	0.04	<0.02	-	-	-	-	-	-	*0.29*	-	<0.02	<0.02	0.04	0.11	-	0.05	0.08	-	<0.02	<0.02	-
	13 Mar 2024	0089_MW220_240313	Normal	0.05	-	-	-	-	-	0.02	-	-	<0.1	-	<0.02	0.05	0.11	<0.02	0.04	0.1	<0.05	<0.02	-	-
	28 May 2024	0089_MW220_240528	Normal	0.06	<0.02	-	-	*9.03*	-	0.04	-	-	0.1	<0.02	<0.02	0.08	0.18	-	-	-	-	-	-	-
	16 Dec 2024	0089_MW220_241216	Normal	0.09	<0.02	<0.02	0.06	*11.0*	0.03	0.05	-	*0.71*	0.1	<0.02	<0.02	0.10	0.24	0.04	0.09	0.19	<0.05	<0.02	<0.02	<0.05
				0.09	<0.02	-	0.06	*11*	-	-	<0.02	*0.71*	-	-	<0.02	0.1	-	0.04	0.09	0.19	<0.05	<0.02	<0.02	-
	20 Mar 2025	0089_MW220_250320	Normal	0.17	<0.02	<0.04[#2]	0.05	*9.07*	0.05	0.09	-	*0.98*	0.2	<0.02	<0.02	0.11	0.32	0.03	0.08	0.32	<0.05	<0.02	<0.02	<0.05
				0.17	-	-	-	*9.07*	-	-	<0.04[#2]	-	0.2	-	<0.02	0.11	0.32	-	-	-	<0.05	-	-	<0.05
	05 Jun 2025	0089_MW220_250605	Normal	0.34	<0.02	0.02	0.03	*7.39*	0.10	0.08	-	*0.54*	0.2	<0.02	<0.02	0.11	0.72	0.03	0.06	0.48	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	*7.39*	0.1	0.08	-	*0.54*	0.2	<0.02	-	-	0.72	0.03	0.06	0.48	-	<0.02	<0.02	<0.05
	15 Sep 2025	0089_MW220_250915	Normal	0.36	<0.02	0.04	0.08	*10.9*	0.14	0.13	-	*1.12*	0.3	<0.02	<0.02	0.11	0.77	0.03	0.09	0.57	<0.05	<0.02	<0.02	<0.05
				0.36	<0.02	-	0.08	*10.9*	0.14	0.13	0.04	*1.12*	-	<0.02	<0.02	0.11	0.77	0.03	-	0.57	<0.05	<0.02	-	<0.05
0089_MW224	09 Aug 2017	0089_MW224_S_170809	Normal	0.005	<0.002	-	-	-	-	-	-	<0.001	<0.001	<0.002	<0.005	-	-	<0.001	-	-	<0.05	<0.01	-	-
	19 Dec 2019	0089_MW224_191219	Normal	-	-	-	<0.02	-	-	-	-	-	<0.1	<0.02	-	0.02	0.02	-	<0.01	-	<0.05	-	<0.02	-
	31 Mar 2020	0089_MW224_200331	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.1	-	-	-	<0.02	-	<0.01	-	-	-	<0.02	-
	22 Jul 2020	0089_MW224_200722	Normal	-	-	-	<0.02	*0.03*	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	24 Sep 2020	0089_MW224_200924	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	15 Dec 2020	0089_MW224_201215	Normal	-	-	-	-	-	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	18 Mar 2021	0089_MW224_210318	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	-	<0.02	<0.02	-	<0.02	-	<0.02	-	-	<0.02	-
	09 Jun 2021	0089_MW224_210609	Normal	<0.02	-	-	<0.02	*0.02*	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW224_210831	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	12 Jan 2022	0089_QC218_220113	Interlab_D	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	-	<0.01	-	<0.01	-	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	-	-
	13 Jan 2022	0089_MW224_220113	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
		0089_QC118_220113	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	17 Mar 2022	0089_MW224_220317	Normal	-	<0.02	-	-	-	-	-	-	0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	-	-	<0.02	-
	08 Jun 2022	0089_MW224_220608	Normal	-	-	-	<0.02	*0.08*	-	<0.02	-	0.02	-	-	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	08 Sep 2022	0089_MW224_220908	Normal	-	<0.02	-	<0.02	*0.02*	-	-	-	-	<0.1	-	-	-	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	13 Dec 2022	0089_MW224_221213	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	<0.02	-
	15 Mar 2023	0089_MW224_230315	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	-
	08 Jun 2023	0089_MW224_230608	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	-	-	<0.02	-	<0.02	-	<0.02	<0.02	-
	04 Sep 2023	0089_MW224_230904	Normal	-	<0.02	-	<0.02	*0.02*	-	-	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	-	-	<0.05	-	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	09 Jun 2021	0089_MW217_210609	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	32.6	0.29	<0.05	47.1	-	-	-	-	-
	31 Aug 2021	0089_MW217_210831	Normal	-	<0.02	<0.05	-	<0.02	-	-	-	-	38.5	0.24	<0.05	-	56.2	-	-	-	-
	13 Jan 2022	0089_MW217_220113	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	25.6	0.26	<0.05	52	-	-	-	0.05	-
	17 Mar 2022	0089_MW217_220317	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	27.2	0.48	-	-	-	-	-	0.11	-
	08 Jun 2022	0089_MW217_220608	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	20.7	0.21	-	33.9	-	-	-	0.08	-
	08 Sep 2022	0089_MW217_220908	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	24.5	24.5	-	-	0.1	-
	13 Dec 2022	0089_MW217_221213	Normal	-	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	0.3	<0.05	15.4	15.4	-	-	0.12	-
	15 Mar 2023	0089_MW217_230315	Normal	-	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	0.21	-	42.5	-	-	-	0.05	-
	08 Jun 2023	0089_MW217_230608	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	19.2	-	<0.05	36.1	36.1	-	-	-	-
	04 Sep 2023	0089_MW217_230904	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	18.8	-	<0.05	31.3	-	-	-	-	-
	13 Dec 2023	0089_MW217_231213	Normal	<0.05	-	-	-	-	<0.05	<0.02	-	<0.05	-	0.29	-	36.3	36.3	-	-	0.33	-
		0089_QC118_231213	Field_D	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	24.8	0.28	<0.05	39.3	39.3	-	-	0.49	-
		0089_QC218_231213	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	0.02	11	-	-	24.33	24.27	-	0.42	0.17	0.46
	13 Mar 2024	0089_MW217_240313	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	27.2	0.33	-	40.1	40.1	-	-	0.08	-
	28 May 2024	0089_MW217_240528	Normal	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	19.7	-	-	36.4	-	-	-	0.07	-
	16 Dec 2024	0089_MW217_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	15.9	1.33	<0.05	33.4	-	33.3	-	1.11	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	15.9	1.33	<0.05	33.4	-	-	-	1.11	-
	20 Mar 2025	0089_MW217_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	0.06	19.3	0.12	<0.05	34.6	-	34.6	-	0.06	-
				<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	-	-	-	<0.05	-	-	-	-	0.06	-
	05 Jun 2025	0089_MW217_250605	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	15.4	0.24	<0.05	32.7	-	32.7	-	0.09	-
				<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	15.4	0.24	<0.05	32.7	32.7	-	-	0.09	-
	15 Sep 2025	0089_MW217_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	12.9	0.44	<0.05	23.1	-	23.1	-	0.12	-
				<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	-	-	0.44	<0.05	23.1	23.1	-	-	0.12	-
0089_MW220	26 Feb 2016	HDF_MB50	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-
	04 Nov 2016	HSF_MB50	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02 Aug 2017	0089_MW220_S_170802	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	-	<0.001	-	-	-	-	-	-	-
	11 Sep 2017	0089_MW220_S_170911	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	16 Oct 2017	0089_MW220_S_171016	Normal	-	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	0.029	<0.001	<0.001	-	-	-	-	-	-
	17 Nov 2017	0089_MW220_S_171117	Normal	<0.1	-	<0.05	-	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW220_S_171205	Normal	-	<0.002	<0.05	-	<0.002	-	-	-	-	0.46	-	<0.001	-	-	-	-	-	-
		0089_QC1MW_171205	Field_D	<0.02	<0.002	<0.05	<0.01	-	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_171205	Interlab_D	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	4.93	4.67	-	-	2.56	-
	15 Jan 2018	0089_MW220_S_180115	Normal	<0.01	-	-	-	<0.002	-	-	-	-	1.1	<0.001	-	-	-	-	-	-	-
	09 Jun 2021	0089_MW220_210609	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	0.15	-	-	-	15.3	-	-	-	-
	13 Jan 2022	0089_MW220_220113	Normal	<0.05	<0.02	-	-	-	<0.05	-	-	-	0.07	-	-	-	82.2	-	-	-	-
	08 Jun 2022	0089_MW220_220608	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	30.9	30.2	-	-	-	-
	08 Sep 2022	0089_MW220_220908	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	37.3	-	-	34.4	-
	13 Dec 2022	0089_MW220_221213	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	-	24.9	-	-	23.6	-
	15 Mar 2023	0089_MW220_230315	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	-	13.6	-	-	-	-
	08 Jun 2023	0089_MW220_230608	Normal	-	-	-	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	9.04	8.89	-	-	8.09	-
	04 Sep 2023	0089_MW220_230904	Normal	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	5.58	5.5	-	-	5.18	-
	13 Dec 2023	0089_MW220_231213	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	5	-	-	-	4.6	-
	13 Mar 2024	0089_MW220_240313	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	<0.05	<0.05	-	4.26	4.22	-	-	-	-
	28 May 2024	0089_MW220_240528	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	10.2	10.1	-	-	9.43	-
	16 Dec 2024	0089_MW220_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.7	-	12.5	-	11.7	-
				-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	12.7	-	-	-	-	-
	20 Mar 2025	0089_MW220_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.5	-	11.2	-	10.0	-
				<0.05	-	<0.05	<0.05	-	-	<0.02	-	-	-	<0.05	<0.05	-	11.2	-	-	-	-
	05 Jun 2025	0089_MW220_250605	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	10.1	-	9.84	-	7.93	-
				<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	9.84	-	-	-	-
	15 Sep 2025	0089_MW220_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	14.6	-	14.2	-	12.0	-
				<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	12	-
0089_MW224	09 Aug 2017	0089_MW224_S_170809	Normal	-	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Dec 2019	0089_MW224_191219	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	-	1.06	-	-	0.06	-
	31 Mar 2020	0089_MW224_200331	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.08	0.08	-	-	-	-
	22 Jul 2020	0089_MW224_200722	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.03	-	-	-	0.03	-
	24 Sep 2020	0089_MW224_200924	Normal	-	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	-	0.02	0.02	-	-	-	-
	15 Dec 2020	0089_MW224_201215	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	18 Mar 2021	0089_MW224_210318	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	09 Jun 2021	0089_MW224_210609	Normal	-	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	-	-
	31 Aug 2021	0089_MW224_210831	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	-	-	-	<0.01	-
	12 Jan 2022	0089_QC218_220113	Interlab_D	<0.05	-	-	<0.05	-	<0.05	-	-	<0.01	<0.05	<0.01	-	-	<0.05	-	<0.01	<0.01	-
	13 Jan 2022	0089_MW224_220113	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	-	-
		0089_QC118_220113	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	-	-	<0.01	-	-	-	-
	17 Mar 2022	0089_MW224_220317	Normal	<0.05	-	<0.05	-	-	-	<0.02	-	-	<0.05	<0.05	<0.05	0.08	0.08	-	-	-	-
	08 Jun 2022	0089_MW224_220608	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	0.1	-	-	-	0.1	-
	08 Sep 2022	0089_MW224_220908	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	-	<0.05	-	-	0.02	0.02	-	-	0.02	-
	13 Dec 2022	0089_MW224_221213	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
	15 Mar 2023	0089_MW224_230315	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	08 Jun 2023	0089_MW224_230608	Normal	<0.05	-	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	04 Sep 2023	0089_MW224_230904	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	13 Dec 2023	0089_MW224_231213	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	-	-	-	<0.05	<0.02	-	-
	13 Mar 2024	0089_MW224_240313	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	28 May 2024	0089_MW224_240528	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	-	-	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	-	-	-
	16 Dec 2024	0089_MW224_241216	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	-	-	-
	20 Mar 2025	0089_MW224_250320	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	05 Jun 2025	0089_MW224_250605	Normal	<0.02	<0.02	<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	<0.05
				<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.05	-	<0.02	-
	15 Sep 2025	0089_MW224_250915	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				-	<0.02	-	<0.02	-	-	-	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
0089_MW225	02 Aug 2017	0089_MW225_S_170802	Normal	-	<0.002	-	<0.001	0.003	-	<0.001	-	<0.001	0.006	-	-	-	-	<0.001	-	0.021	<0.05	<0.01	-	-
	11 Sep 2017	0089_MW225_S_170911	Normal	<0.001	<0.002	-	-	*0.009*	-	-	-	0.001	<0.002	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	-	-
	19 Oct 2017	0089_MW225_S_171019	Normal	<0.001	-	-	-	-	-	-	-	-	-	<0.002	-	-	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	-	-
	17 Nov 2017	0089_MW225_S_171117	Normal	<0.001	-	-	<0.001	-	-	<0.001	-	0.002	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	-	<0.002	-
	05 Dec 2017	0089_MW225_S_171205	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	-	<0.005	-	<0.001	<0.001	<0.001	-	-	<0.01	<0.002	-
	15 Jan 2018	0089_MW225_S_180115	Normal	<0.001	<0.002	-	<0.001	-	-	-	-	0.001	<0.002	-	<0.005	<0.001	-	-	<0.001	<0.002	-	<0.01	<0.002	-
	01 Sep 2021	0089_MW225_210901	Normal	-	-	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	-	-	-	<0.05	<0.02	-	-
	13 Jan 2022	0089_MW225_220113	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	16 Mar 2022	0089_MW225_220316	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	07 Jun 2022	0089_MW225_220607	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	<0.02	<0.02	-	-	-	<0.02	-	-	<0.02	-
		0089_QC112_220607	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	-	-	<0.02	-	-
		0089_QC212_220607	Interlab_D	-	<0.004	-	<0.002	-	-	<0.002	-	-	<0.008	<0.001	<0.001	<0.004	<0.001	-	<0.001	<0.002	<0.001	<0.001	<0.001	-
	06 Sep 2022	0089_MW225_220906	Normal	-	-	-	-	<0.01	-	-	-	<0.01	<0.1	-	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	13 Dec 2022	0089_MW225_221213	Normal	-	-	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	14 Mar 2023	0089_MW225_230314	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	08 Jun 2023	0089_MW225_230608	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	-	-	<0.01	-	<0.05	-	<0.02	-
	05 Sep 2023	0089_MW225_230904	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	-	<0.02	-
	11 Dec 2023	0089_MW225_231211	Normal	<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	-	-
	12 Mar 2024	0089_MW225_240312	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-
		0089_QC118_240312	Field_D	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	-	<0.02	-
		0089_QC218_240312	Interlab_D	<0.01	-	-	-	-	-	-	<0.01	<0.01	-	<0.01	<0.01	<0.05	-	<0.01	<0.01	<0.01	-	-	-	-
	28 May 2024	0089_MW225_240528	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	16 Dec 2024	0089_MW225_241216	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				<0.02	-	-	-	-	-	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	11 Mar 2025	0089_MW225_250311	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
	05 Jun 2025	0089_MW225_250605	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	-	-
	15 Sep 2025	0089_MW225_250915	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.01	<0.1	-	-	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.02	<0.05
0089_MW226	02 Aug 2017	0089_MW226_S_170802	Normal	0.012	<0.002	-	-	0.001	-	-	-	0.005	-	<0.002	<0.005	<0.001	0.006	-	<0.001	<0.002	-	-	<0.002	-
		0089_QC1MW_170802	Field_D	0.01	<0.002	-	<0.001	<0.001	-	0.01	-	-	0.02	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	-	-
	03 Aug 2017	0089_QC2MW_170802	Interlab_D	<0.01	-	-	<0.01	-	-	-	-	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	-	-	<0.01	-	<0.01	-
	11 Sep 2017	0089_MW226_S_170911	Normal	0.005	-	-	<0.001	<0.001	-	<0.001	-	0.004	-	<0.002	-	-	<0.001	-	<0.001	<0.002	-	<0.01	<0.002	-
	19 Oct 2017	0089_MW226_S_171019	Normal	0.002	-	-	<0.001	0.002	-	-	-	-	-	<0.002	<0.005	-	-	<0.001	-	-	<0.05	<0.01	<0.002	-
	17 Nov 2017	0089_MW226_S_171117	Normal	0.006	<0.002	-	<0.001	-	-	0.002	-	0.003	-	<0.002	<0.005	<0.001	-	<0.001	0.001	<0.002	<0.05	-	-	-
	05 Dec 2017	0089_MW226_S_171205	Normal	<0.005	<0.002	-	-	<0.001	-	<0.005	-	0.002	0.006	-	<0.005	-	<0.005	-	-	<0.01	<0.05	<0.01	<0.002	-
	15 Jan 2018	0089_MW226_S_180115	Normal	-	<0.002	-	-	0.001	-	-	-	0.002	-	<0.002	-	0.001	-	-	<0.001	<0.002	<0.05	<0.01	-	-
	14 Jan 2020	0089_MW226_200114	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	02 Apr 2020	0089_MW226_200402	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	-	<0.02	-
		0089_QC101_200402	Field_D	<0.02	-	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	-	-	-
		0089_QC201_200402	Interlab_D	<0.01	<0.01	-	<0.01	*0.02*[#1]	<0.01	-	<0.01	<0.01	<0.05	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	-
	21 Jul 2020	0089_MW226_200721	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	-	-	<0.02	-	-	<0.05	-	<0.02	-
	22 Sep 2020	0089_MW226_200922	Normal	-	<0.02	-	-	<0.01	-	-	-	-	<0.1	-	<0.02	-	<0.02	<0.02	-	<0.02	-	-	<0.02	-
	15 Dec 2020	0089_MW226_201215	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	-	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	17 Mar 2021	0089_MW226_210317	Normal	<0.02	-	-	-	-	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	10 Jun 2021	0089_MW226_210610	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	-	-	-	-	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW226_210831	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	13 Jan 2022	0089_MW226_220113	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	16 Mar 2022	0089_MW226_220316	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
	07 Jun 2022	0089_MW226_220607	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	06 Sep 2022	0089_MW226_220906	Normal	-	-	-	<0.02	<0.01	-	-	-	0.02	<0.1	<0.02	-	-	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW226_221213	Normal	<0.02	<0.02	-	-	-	-	-	-	<0.01	<0.1	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	-	-
	14 Mar 2023	0089_MW226_230314	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	08 Jun 2023	0089_MW226_230608	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	-	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	04 Sep 2023	0089_MW226_230904	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	11 Dec 2023	0089_MW226_231211	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	12 Mar 2024	0089_MW226_240312	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	0.01	-	<0.02	-	-	<0.02	<0.02	<0.01	-	-	-	-	-
	28 May 2024	0089_MW226_240528	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	16 Dec 2024	0089_MW226_241216	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	0.01	<0.1	<0.02	-	-	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	10 Mar 2025	0089_MW226_250310	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	13 Dec 2023	0089_MW224_231213	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	13 Mar 2024	0089_MW224_240313	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	28 May 2024	0089_MW224_240528	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.01	0.01	-	-	-	-
	16 Dec 2024	0089_MW224_241216	Normal	<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	-
				-	-	-	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	20 Mar 2025	0089_MW224_250320	Normal	<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	-
				<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	-
	05 Jun 2025	0089_MW224_250605	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	0.02	-	-	-	-	-
	15 Sep 2025	0089_MW224_250915	Normal	<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	-
				<0.05	<0.02	<0.05	-	-	-	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
0089_MW225	02 Aug 2017	0089_MW225_S_170802	Normal	-	-	<0.05	-	<0.002	-	<0.01	-	0.001	0.029	<0.001	<0.001	-	-	-	-	-	-
	11 Sep 2017	0089_MW225_S_170911	Normal	<0.01	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW225_S_171019	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	17 Nov 2017	0089_MW225_S_171117	Normal	-	-	<0.05	<0.05	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW225_S_171205	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW225_S_180115	Normal	-	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	01 Sep 2021	0089_MW225_210901	Normal	-	-	-	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	13 Jan 2022	0089_MW225_220113	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	16 Mar 2022	0089_MW225_220316	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	07 Jun 2022	0089_MW225_220607	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-	-	-	<0.01	-	-	<0.01	-
		0089_QC112_220607	Field_D	-	-	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	<0.01	-	-	-	-	-
		0089_QC212_220607	Interlab_D	<0.004	-	<0.008	<0.004	<0.004	-	<0.004	<0.002	<0.008	<0.008	-	<0.004	-	<0.001	-	-	-	-
	06 Sep 2022	0089_MW225_220906	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	-	-	-	-	-
	13 Dec 2022	0089_MW225_221213	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	-	-
	14 Mar 2023	0089_MW225_230314	Normal	-	-	-	<0.05	-	<0.05	<0.02	-	-	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	08 Jun 2023	0089_MW225_230608	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	05 Sep 2023	0089_MW225_230904	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	-	-
	11 Dec 2023	0089_MW225_231211	Normal	<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	-
	12 Mar 2024	0089_MW225_240312	Normal	<0.05	-	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
		0089_QC118_240312	Field_D	-	-	-	<0.05	<0.02	-	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC218_240312	Interlab_D	-	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	-	<0.1	<0.05	-	-	<0.01	-
	28 May 2024	0089_MW225_240528	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	16 Dec 2024	0089_MW225_241216	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	11 Mar 2025	0089_MW225_250311	Normal	<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	-
	05 Jun 2025	0089_MW225_250605	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	15 Sep 2025	0089_MW225_250915	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	-	<0.05	<0.05	-	<0.01	-	-	-	-
0089_MW226	02 Aug 2017	0089_MW226_S_170802	Normal	-	<0.002	<0.05	<0.005	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_170802	Field_D	<0.01	<0.002	-	-	-	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	03 Aug 2017	0089_QC2MW_170802	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	-	-	-	<0.01	<0.05	-	<0.01	-	-	-	-	<0.01	-
	11 Sep 2017	0089_MW226_S_170911	Normal	<0.01	-	-	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW226_S_171019	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	17 Nov 2017	0089_MW226_S_171117	Normal	<0.1	-	<0.05	<0.05	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW226_S_171205	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW226_S_180115	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	14 Jan 2020	0089_MW226_200114	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	-	0.48	<0.05	<0.05	0.48	-	-	-	<0.01	-
	02 Apr 2020	0089_MW226_200402	Normal	<0.05	-	-	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
		0089_QC101_200402	Field_D	-	<0.02	<0.05	-	<0.02	-	-	-	<0.05	-	-	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC201_200402	Interlab_D	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	-	-	-	0.02	0.02
	21 Jul 2020	0089_MW226_200721	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	22 Sep 2020	0089_MW226_200922	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	15 Dec 2020	0089_MW226_201215	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	17 Mar 2021	0089_MW226_210317	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	10 Jun 2021	0089_MW226_210610	Normal	-	<0.02	-	-	<0.02	<0.05	-	-	-	-	<0.05	-	<0.01	-	-	-	<0.01	-
	31 Aug 2021	0089_MW226_210831	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	13 Jan 2022	0089_MW226_220113	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	16 Mar 2022	0089_MW226_220316	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	0.02	-	-	-	0.02	-
	07 Jun 2022	0089_MW226_220607	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	06 Sep 2022	0089_MW226_220906	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	-	-	<0.05	-	0.02	0.02	-	-	0.02	-
	13 Dec 2022	0089_MW226_221213	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	14 Mar 2023	0089_MW226_230314	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	08 Jun 2023	0089_MW226_230608	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	-	-	-	-	<0.01	-
	04 Sep 2023	0089_MW226_230904	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	11 Dec 2023	0089_MW226_231211	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	12 Mar 2024	0089_MW226_240312	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	-	-	-	-	-
	28 May 2024	0089_MW226_240528	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	16 Dec 2024	0089_MW226_241216	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
	10 Mar 2025	0089_MW226_250310	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	05 Jun 2025	0089_MW226_250605	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	0.02	<0.1	-	-	<0.02	<0.02	<0.02	-	-	-	<0.02	<0.02	<0.05
	16 Sep 2025	0089_MW226_250916	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	<0.02	-	0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
0089_MW227	02 Aug 2017	0089_MW227_S_170802	Normal	<0.001	-	-	-	0.002	-	-	-	-	0.009	<0.002	<0.005	0.001	0.017	-	<0.001	-	<0.05	<0.01	<0.002	-
	11 Sep 2017	0089_MW227_S_170911	Normal	-	-	-	-	0.002	-	-	-	0.001	-	-	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	-	-
	19 Oct 2017	0089_MW227_S_171019	Normal	-	<0.002	-	-	<0.001	-	<0.001	-	<0.001	-	<0.002	-	-	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	17 Nov 2017	0089_MW227_S_171117	Normal	<0.001	<0.002	-	-	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	-	<0.001	-	<0.001	<0.002	-	<0.01	-	-
	05 Dec 2017	0089_MW227_S_171205	Normal	-	<0.002	-	<0.001	<0.001	-	-	-	<0.001	<0.002	-	<0.005	<0.001	<0.001	-	<0.001	-	-	<0.01	<0.002	-
	15 Jan 2018	0089_MW227_S_180115	Normal	-	-	-	<0.001	0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	-	<0.001	-	<0.001	-	<0.05	<0.01	<0.002	-
	01 Apr 2020	0089_MW227_200401	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.05	<0.02	<0.02	-
		0089_QC104_200401	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	-	<0.02	-
		0089_QC204_200401	Interlab_D	<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	-	-
	22 Jul 2020	0089_MW227_200722	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	-
	21 Sep 2020	0089_MW227_200921	Normal	<0.02	-	-	-	<0.01	-	-	-	<0.02	-	<0.02	<0.02	<0.02	-	-	-	<0.02	<0.05	<0.02	<0.02	-
	15 Dec 2020	0089_MW227_201215	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	15 Mar 2021	0089_MW227_210315	Normal	<0.02	-	-	-	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	-	-	<0.01	<0.02	-	<0.02	-	-
	10 Jun 2021	0089_MW227_210610	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW227_210831	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	-	-
	14 Jan 2022	0089_MW227_220114	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	16 Mar 2022	0089_MW227_220316	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	07 Jun 2022	0089_MW227_220607	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	07 Sep 2022	0089_MW227_220907	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW227_221213	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	14 Mar 2023	0089_MW227_230314	Normal	0.06	<0.02	-	-	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	08 Jun 2023	0089_MW227_230608	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	05 Sep 2023	0089_MW227_230905	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	11 Dec 2023	0089_MW227_231211	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.1	-	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	12 Mar 2024	0089_MW227_240312	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	28 May 2024	0089_MW227_240528	Normal	<0.02	<0.02	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	<0.01	-	-	-	<0.02	-
	18 Dec 2024	0089_MW227_241218	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	-	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	-	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	20 Mar 2025	0089_MW227_250320	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	-	<0.01	<0.02	<0.02	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.02	<0.05	-	-	<0.05
	05 Jun 2025	0089_MW227_250605	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	-	<0.1	-	<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.05
	23 Sep 2025	0089_MW227_250923	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
0089_MW228	02 Aug 2017	0089_MW228_S_170802	Normal	0.002	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	0.01	-	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	11 Sep 2017	0089_MW228_S_170911	Normal	0.004	-	-	<0.001	0.004	-	<0.001	-	-	0.051	-	<0.005	-	0.002	<0.001	<0.001	0.02	-	-	-	-
	19 Oct 2017	0089_MW228_S_171019	Normal	0.003	<0.002	-	-	<0.001	-	<0.001	-	<0.001	0.077	<0.002	<0.005	<0.001	0.009	<0.001	<0.001	0.044	<0.05	-	<0.002	-
	17 Nov 2017	0089_MW228_S_171117	Normal	0.004	<0.002	-	<0.001	-	-	<0.001	-	<0.001	0.11	<0.002	-	-	-	<0.001	<0.001	0.041	<0.05	-	<0.002	-
	05 Dec 2017	0089_MW228_S_171205	Normal	0.007	<0.002	-	<0.001	<0.001	-	0.001	-	<0.001	0.2	<0.002	-	<0.001	0.02	-	<0.001	0.089	<0.05	-	<0.002	-
	15 Jan 2018	0089_MW228_S_180115	Normal	-	<0.002	-	<0.001	<0.001	-	-	-	<0.001	0.071	<0.002	<0.005	<0.001	-	-	<0.001	0.07	-	-	-	-
		0089_QC1MW_180115	Field_D	-	-	-	<0.001	-	-	<0.001	-	-	0.08	-	<0.005	<0.001	0.01	<0.001	<0.001	0.072	-	-	<0.002	-
		0089_QC2MW_180115	Interlab_D	-	<0.01	-	<0.01	<0.01	-	-	-	<0.01	-	-	-	<0.01	-	<0.01	<0.01	0.08	<0.01	-	<0.01	-
	14 Jan 2020	0089_MW228_200114	Normal	0.06	-	-	<0.02	-	-	-	-	-	1.1	-	<0.02	-	11	-	<0.01	12	<0.05	-	<0.02	-
	01 Apr 2020	0089_MW228_200401	Normal	0.11	<0.02	-	<0.02	-	-	0.04	-	*0.03*	0.6	<0.02	<0.02	2.33	-	<0.02	-	15.3	-	-	<0.02	-
		0089_QC103_200401	Field_D	-	<0.02	-	-	-	-	<0.02	-	-	0.3	-	<0.02	0.75	-	-	-	5.8	-	<0.02	-	-
		0089_QC203_200401	Interlab_D	0.05	<0.01	-	-	-	0.02	0.02[#1]	-	<0.01	1.4	<0.01	<0.01	1	5.9	-	<0.01	-	-	<0.01	<0.01	-
	22 Jul 2020	0089_MW228_200722	Normal	-	<0.02	-	<0.02	-	-	-	-	<0.02	-	<0.02	<0.02	0.4	4.89	<0.02	<0.01	5.89	<0.05	<0.02	<0.02	-
		0089_QC112_200722	Field_D	0.02	-	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	-	0.44	-	-	<0.01	6.04	-	<0.02	-	-
		0089_QC212_200722	Interlab_D	0.01	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	-	-	<0.01	0.19[#1]	2.5	<0.01	<0.01	2.9	-	-	<0.01	-
	21 Sep 2020	0089_MW228_200921	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	2.2	<0.02	<0.02	-	9.44	<0.02	-	-	<0.05	<0.02	-	-
	15 Dec 2020	0089_MW228_201215	Normal	0.31	<0.02	-	<0.02	-	-	0.13	-	*0.11*	4.2	-	<0.02	3.42	15	-	-	-	-	<0.02	<0.02	-
	15 Mar 2021	0089_MW228_210315	Normal	-	<0.02	-	<0.02	-	-	0.04	-	-	2	<0.02	-	1.16	8.86	-	<0.01	9.4	<0.05	<0.02	-	-
	10 Jun 2021	0089_MW228_210610	Normal	0.07	-	-	<0.02	<0.01	-	<0.02	-	<0.02	1.1	<0.02	-	0.7	4.65	<0.02	<0.01	5.09	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW228_210831	Normal	-	<0.02	-	<0.02	<0.01	-	0.15	-	*0.13*	-	<0.02	-	2.55	10.4	<0.02	-	-	-	<0.02	<0.02	-
	14 Jan 2022	0089_MW228_220114	Normal	0.21	<0.02	-	-	-	-	0.11	-	*0.1*	2	-	<0.02	2.42	12	-	0.03	8.9	<0.05	<0.02	-	-
	16 Mar 2022	0089_MW228_220316	Normal	0.21	-	-	<0.02	<0.01	-	-	-	*0.15*	-	-	<0.02	2.38	10.8	-	0.05	8.23	<0.05	<0.02	<0.02	-
	07 Jun 2022	0089_MW228_220607	Normal	-	-	-	<0.02	<0.01	-	-	-	*0.09*	-	<0.02	<0.02	-	-	<0.02	0.02	7.48	-	<0.02	-	-
	07 Sep 2022	0089_MW228_220907	Normal	-	<0.02	-	<0.02	<0.01	-	0.06	-	*0.12*	0.7	-	<0.02	-	-	<0.02	0.1	-	-	-	-	-
	13 Dec 2022	0089_MW228_221213	Normal	0.17	-	-	<0.02	<0.01	-	0.1	-	-	1	<0.02	-	1.05	3.87	-	-	3.96	-	<0.02	-	-
	14 Mar 2023	0089_MW228_230314	Normal	-	<0.02	-	<0.02	-	-	0.12	-	*0.19*	-	<0.02	<0.02	1.18	5	-	*0.23*	4.84	<0.05	<0.02	<0.02	-
	08 Jun 2023	0089_MW228_230608	Normal	0.14	<0.02	-	-	-	-	-	-	-	1	<0.02	-	-	2.95	<0.02	0.14	-	-	-	-	-
	05 Sep 2023	0089_MW228_230905	Normal	0.25	<0.02	-	<0.02	<0.01	-	0.17	-	*0.36*	1	-	<0.02	0.97	3.7	-	0.16	3.16	<0.05	<0.02	<0.02	-
	11 Dec 2023	0089_MW228_231211	Normal	0.25	<0.02	-	<0.02	-	-	0.21	-	*0.49*	1.2	<0.02	<0.02	-	5.03	<0.02	*0.32*	4.23	-	<0.02	-	-
		0089_QC102_231211	Field_D	0.28	-	-	<0.02	<0.01	-	0.21	-	*0.56*	-	-	<0.02	-	4.67	<0.02	-	-	<0.05	<0.02	<0.02	-
		0089_QC202_231211	Interlab_D	0.29	<0.01	-	-	<0.01	0.13	0.35	-	*0.75*[#1]	1.4	<0.01	-	1.3[#1]	-	<0.01	*0.4*[#1]	-	<0.01	<0.01	<0.01	-
	12 Mar 2024	0089_MW228_240312	Normal	-	-	-	<0.02	<0.01	-	0.24	-	-	1.7	-	-	-	-	-	-	7.36	<0.05	<0.02	-	-
		0089_QC113_240312	Field_D	-	<0.02	-	-	<0.01	-	-	-	-	1.6	<0.02	<0.02	-	6.11	-	*0.35*	5.88	<0.05	<0.02	-	-
		0089_QC213_240312	Interlab_D	0.38	<0.01	-	-	<0.01	0.1	0.46	<0.01	*1.1*	-	<0.01	<0.01	1.4	-	<0.01	-	5	<0.01	<0.01	<0.01	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	05 Jun 2025	0089_MW226_250605	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	-	0.02	-	-	0.02	-
	16 Sep 2025	0089_MW226_250916	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.01	-	-	-	0.01	-
0089_MW227	02 Aug 2017	0089_MW227_S_170802	Normal	<0.01	-	<0.05	<0.005	-	-	<0.01	-	0.002	-	<0.001	-	-	-	-	-	-	-
	11 Sep 2017	0089_MW227_S_170911	Normal	-	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW227_S_171019	Normal	<0.01	-	-	-	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	17 Nov 2017	0089_MW227_S_171117	Normal	<0.1	-	<0.05	<0.05	<0.002	-	-	-	<0.001	0.004	<0.001	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW227_S_171205	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW227_S_180115	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	01 Apr 2020	0089_MW227_200401	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC104_200401	Field_D	<0.05	-	<0.05	-	-	<0.05	-	-	-	-	-	-	<0.01	-	-	-	<0.01	-
		0089_QC204_200401	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	-	-	<0.1	<0.05	-	-	-	-
	22 Jul 2020	0089_MW227_200722	Normal	-	<0.02	<0.05	-	-	-	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	21 Sep 2020	0089_MW227_200921	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	15 Dec 2020	0089_MW227_201215	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	15 Mar 2021	0089_MW227_210315	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	10 Jun 2021	0089_MW227_210610	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	-	-	-	<0.01	-	-	<0.01	-
	31 Aug 2021	0089_MW227_210831	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	-	-
	14 Jan 2022	0089_MW227_220114	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	16 Mar 2022	0089_MW227_220316	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-
	07 Jun 2022	0089_MW227_220607	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	-	<0.01	-	-	<0.01	-
	07 Sep 2022	0089_MW227_220907	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	13 Dec 2022	0089_MW227_221213	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	14 Mar 2023	0089_MW227_230314	Normal	-	-	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	-	-	-
	08 Jun 2023	0089_MW227_230608	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	05 Sep 2023	0089_MW227_230905	Normal	<0.05	-	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	-	-
	11 Dec 2023	0089_MW227_231211	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	12 Mar 2024	0089_MW227_240312	Normal	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	28 May 2024	0089_MW227_240528	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	-	-
	18 Dec 2024	0089_MW227_241218	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	20 Mar 2025	0089_MW227_250320	Normal	<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	-
				-	-	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	<0.01	-
	05 Jun 2025	0089_MW227_250605	Normal	<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	-
				<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	23 Sep 2025	0089_MW227_250923	Normal	<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	-
0089_MW228	02 Aug 2017	0089_MW228_S_170802	Normal	-	-	<0.05	-	<0.002	-	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
	11 Sep 2017	0089_MW228_S_170911	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Oct 2017	0089_MW228_S_171019	Normal	<0.01	-	<0.05	-	<0.002	-	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
	17 Nov 2017	0089_MW228_S_171117	Normal	<0.1	-	-	<0.05	<0.002	-	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW228_S_171205	Normal	<0.01	<0.002	-	-	<0.002	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW228_S_180115	Normal	<0.01	<0.002	<0.05	-	<0.002	-	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_QC1MW_180115	Field_D	<0.01	-	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_180115	Interlab_D	<0.05	<0.05	<0.05	-	-	-	<0.05	-	-	-	-	-	0.14	0.14	-	-	<0.01	-
	14 Jan 2020	0089_MW228_200114	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	0.5	<0.05	-	26.1	26.1	-	-	-	-
	01 Apr 2020	0089_MW228_200401	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	-	32.2	-	-	0.03	-
		0089_QC103_200401	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
		0089_QC203_200401	Interlab_D	<0.05	<0.05	-	<0.05	-	<0.05	-	-	-	<0.05	<0.01	<0.01	16.49	16.45	-	-	-	-
	22 Jul 2020	0089_MW228_200722	Normal	-	-	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
		0089_QC112_200722	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	-	12.7	-	-	-	<0.01	-
		0089_QC212_200722	Interlab_D	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.01	<0.05	-	<0.01	6.39	6.39	-	<0.01	<0.01	<0.01
	21 Sep 2020	0089_MW228_200921	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	23.6	23.6	-	-	<0.01	-
	15 Dec 2020	0089_MW228_201215	Normal	<0.05	-	-	-	<0.02	-	-	-	<0.05	-	-	<0.05	37.2	-	-	-	-	-
	15 Mar 2021	0089_MW228_210315	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	21.6	-	-	-	0.03	-
	10 Jun 2021	0089_MW228_210610	Normal	-	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	11.6	11.6	-	-	-	-
	31 Aug 2021	0089_MW228_210831	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	26.6	-	-	-	0.13	-
	14 Jan 2022	0089_MW228_220114	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	25.9	-	-	0.1	-
	16 Mar 2022	0089_MW228_220316	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	-	24.2	-	-	0.15	-
	07 Jun 2022	0089_MW228_220607	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	0.19	<0.05	<0.05	18.3	-	-	-	-	-
	07 Sep 2022	0089_MW228_220907	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	0.24	<0.05	<0.05	-	8.11	-	-	0.12	-
	13 Dec 2022	0089_MW228_221213	Normal	<0.05	<0.02	-	-	<0.02	-	-	-	<0.05	-	<0.05	-	11.2	-	-	-	-	-
	14 Mar 2023	0089_MW228_230314	Normal	<0.05	<0.02	-	-	-	-	<0.02	-	<0.05	-	<0.05	<0.05	14	13.9	-	-	0.19	-
	08 Jun 2023	0089_MW228_230608	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	0.47	-	-	-	8.9	-	-	0.16	-
	05 Sep 2023	0089_MW228_230905	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	10.2	10	-	-	-	-
	11 Dec 2023	0089_MW228_231211	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	1.02	<0.05	<0.05	13.8	13.6	-	-	-	-
		0089_QC102_231211	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	0.85	<0.05	<0.05	12.7	12.5	-	-	-	-
		0089_QC202_231211	Interlab_D	-	-	-	-	-	<0.05	<0.05	-	-	0.78	-	-	-	-	-	0.4	-	1.15
	12 Mar 2024	0089_MW228_240312	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	0.81	<0.05	<0.05	19.3	19	-	-	-	-
		0089_QC113_240312	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	-	17.2	-	-	-	-
		0089_QC213_240312	Interlab_D	<0.05	-	-	-	<0.05	<0.05	<0.05	-	-	0.91	<0.01	<0.01	-	15.9	-	0.51	1.1	-

				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)	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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	28 May 2024	0089_MW228_240528	Normal	-	<0.02	-	<0.02	<0.01	-	0.22	-	-	1.1	<0.02	<0.02	1.14	4.38	<0.02	*0.25*	4.75	-	<0.02	<0.02	-
		0089_QC106_240528	Field_D	-	<0.02	-	-	-	-	0.25	-	-	1.3	-	<0.02	1.26	-	-	*0.29*	-	<0.05	-	-	-
		0089_QC206_240528	Interlab_D	0.32	<0.01	-	-	-	-	0.24	<0.01	*0.55*	0.89	-	-	1.2[#1]	-	-	*0.25*[#1]	-	<0.01	<0.01	<0.01	-
	18 Dec 2024	0089_MW228_241218	Normal	0.20	<0.02	<0.02	<0.02	<0.01	0.04	0.13	-	*0.45*	0.9	<0.02	<0.02	0.74	2.63	<0.02	0.13	3.01	<0.05	<0.02	<0.02	<0.05
				0.2	-	-	<0.02	<0.01	0.04	-	<0.02	-	0.9	<0.02	<0.02	0.74	2.63	<0.02	-	3.01	<0.05	-	<0.02	-
	10 Mar 2025	0089_MW228_250310	Normal	0.28	<0.02	<0.02	<0.02	<0.01	0.07	0.18	-	*0.59*	1.1	<0.02	<0.02	0.99	3.66	<0.02	*0.30*	4.04	<0.05	<0.02	<0.02	<0.05
		0089_QC103_250310	Field_D	0.32	<0.02	<0.02	<0.02	<0.01	0.06	0.21	-	*0.78*	1.2	<0.02	<0.02	1.00	4.86	<0.02	*0.29*	4.86	<0.05	<0.02	<0.02	<0.05
		0089_QC203_250310	Interlab_D	0.42	<0.01	<0.01	<0.01	<0.01	0.13	0.24[#1]	-	*0.94*[#1]	1.8	<0.01	<0.01	1.4[#1]	5.4	<0.01	*0.34*[#1]	6.2	<0.01	<0.01	<0.01	-
	05 Jun 2025	0089_MW228_250605	Normal	0.46	<0.02	<0.02	<0.02	*0.03*	0.10	0.28	-	*0.86*	1.7	<0.02	<0.02	1.34	6.29	<0.02	*0.22*	6.33	<0.05	<0.02	<0.02	<0.05
				0.46	<0.02	-	<0.02	-	0.1	0.28	<0.02	-	1.7	-	<0.02	1.34	6.29	<0.02	-	-	-	-	-	-
	16 Sep 2025	0089_MW228_250016	Normal	0.40	<0.02	<0.02	<0.02	<0.01	0.11	0.33	-	*1.00*	1.5	<0.02	<0.02	1.49	5.30	<0.02	*0.35*	4.88	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	0.11	0.33	<0.02	*1*	-	<0.02	<0.02	1.49	5.3	<0.02	*0.35*	4.88	<0.05	<0.02	<0.02	<0.05
0089_MW233	08 Aug 2017	0089_MW233_S_170808	Normal	0.011	<0.002	-	-	*0.2*	-	0.016	-	*0.21*	0.008	-	<0.005	0.006	0.016	0.002	0.005	-	<0.05	<0.01	0.003	-
	13 Sep 2017	0089_MW233_S_170913	Normal	0.007	<0.002	-	0.002	*0.26*	-	0.01	-	*0.11*	0.008	<0.002	-	0.008	0.016	<0.001	0.006	-	-	<0.01	-	-
	20 Oct 2017	0089_MW233_S_171020	Normal	-	<0.002	-	0.004	-	-	0.009	-	-	0.005	-	<0.005	0.005	0.011	-	-	0.004	<0.05	<0.01	-	-
	21 Nov 2017	0089_MW233_S_171121	Normal	-	<0.002	-	0.005	*0.33*	-	-	-	*0.14*	-	<0.002	<0.005	0.01	0.018	<0.001	-	0.006	-	-	<0.002	-
	05 Dec 2017	0089_MW233_S_171205	Normal	-	<0.002	-	-	*0.3*	-	-	-	*0.2*	-	<0.002	<0.005	0.009	0.02	<0.001	0.01	0.006	-	<0.01	-	-
	19 Jan 2018	0089_MW233_S_180119	Normal	0.013	-	-	0.007	-	-	-	-	-	-	-	<0.005	0.02	0.043	0.002	0.04	-	<0.05	-	0.002	-
	08 Jan 2020	0089_MW233_200108	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW233_200330	Normal	<0.02	<0.02	-	<0.02	*0.3*	-	<0.02	-	-	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	-	-
	15 Jul 2020	0089_MW233_200715	Normal	-	<0.02	-	<0.02	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	0.01	<0.02	-	<0.02	-	-
		0089_QC107_200715	Field_D	<0.02	-	-	<0.02	*0.13*	-	-	-	*0.11*	<0.1	<0.02	<0.02	-	-	<0.02	0.01	<0.02	<0.05	<0.02	-	-
		0089_QC207_200215	Interlab_D	<0.01	<0.01	-	-	*0.11*[#1]	<0.01	0.01[#1]	<0.01	-	-	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	-	<0.01	<0.01	<0.01	-
	21 Sep 2020	0089_MW233_200921	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	-	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	15 Dec 2020	0089_MW233_201215	Normal	<0.02	<0.02	-	-	*0.11*	-	<0.02	-	*0.14*	-	<0.02	-	-	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	15 Mar 2021	0089_MW233_210315	Normal	-	<0.02	-	<0.02	*0.11*	-	<0.02	-	*0.1*	-	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC104_210315	Field_D	<0.02	<0.02	-	<0.02	-	-	-	-	*0.14*	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC204_210315	Interlab_D	-	-	-	<0.01	*0.1*[#1]	<0.01	<0.01	-	*0.11*[#1]	<0.05	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	-	<0.01	-
	09 Jun 2021	0089_MW233_210609	Normal	-	-	-	<0.02	-	-	<0.02	-	*0.08*	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.02	-	-
	30 Aug 2021	0089_MW233_210830	Normal	<0.02	<0.02	-	-	*0.34*	-	-	-	*0.07*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC102_210830	Field_D	<0.02	<0.02	-	-	*0.27*	-	<0.02	-	*0.1*	<0.1	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC202_210830	Interlab_D	<0.01	-	-	-	-	<0.01	-	-	*0.06*[#1]	<0.1	-	<0.01	-	-	-	<0.1	-	<0.01	-	<0.01	-
	10 Jan 2022	0089_MW233_220110	Normal	-	<0.02	-	<0.02	*0.34*	-	<0.02	-	0.01	-	-	<0.02	-	<0.02	-	-	-	<0.05	<0.02	<0.02	-
	17 Mar 2022	0089_MW233_220317	Normal	-	<0.02	-	<0.02	*0.24*	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	08 Jun 2022	0089_MW233_220608	Normal	<0.02	-	-	<0.02	*0.1*	-	<0.02	-	0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	06 Sep 2022	0089_MW233_220906	Normal	<0.02	<0.02	-	<0.02	*0.06*	-	-	-	0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	-	<0.02	-
	13 Dec 2022	0089_MW233_221213	Normal	<0.02	<0.02	-	-	-	-	-	-	*0.06*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	13 Mar 2023	0089_MW233_230313	Normal	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	06 Jun 2023	0089_MW233_230606	Normal	<0.02	-	-	<0.02	*0.04*	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	-	-
	04 Sep 2023	0089_MW233_230904	Normal	-	-	-	<0.02	*0.03*	-	<0.02	-	0.02	<0.1	<0.02	-	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	13 Dec 2023	0089_MW233_231213	Normal	<0.02	<0.02	-	<0.02	*0.12*	-	-	-	*0.05*	-	<0.02	<0.02	<0.02	-	<0.02	-	-	-	<0.02	-	-
	12 Mar 2024	0089_MW233_240312	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	-	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	-	-
	29 May 2024	0089_MW233_240529	Normal	-	<0.02	-	-	*0.03*	-	-	-	-	<0.1	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-
	13 Dec 2024	0089_MW233_241213	Normal	<0.02	<0.02	<0.02	<0.02	*0.36*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	-	<0.02	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	18 Mar 2025	0089_MW233_250318	Normal	<0.02	<0.02	<0.02	<0.02	*0.11*	<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	<0.02	<0.05
				-	<0.02	-	<0.02	-	-	<0.02	<0.02	0.02	<0.1	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
	12 Jun 2025	0089_MW233_250612	Normal	<0.02	<0.02	<0.02	<0.02	*0.06*	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	*0.06*	-	-	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	16 Sep 2025	0089_MW233_250916	Normal	<0.02	<0.02	<0.02	<0.02	*0.04*	<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	<0.02	<0.05
				-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	-
0089_MW236	08 Aug 2017	0089_MW236_S_170808	Normal	0.68	-	-	0.11	-	-	2	-	*31*	0.2	<0.002	<0.005	-	2.3	-	*1.1*	0.23	<0.05	<0.01	<0.002	-
	13 Sep 2017	0089_MW236_S_170913	Normal	*1.8*	<0.002	-	-	*12*	-	4.6	-	*32*	-	<0.002	-	0.9	3.3	-	-	0.22	<0.05	-	<0.002	-
	20 Oct 2017	0089_MW236_S_171020	Normal	*1.4*	<0.02	-	-	*18*	-	3.8	-	*27*	-	-	<0.05	1.2	3.9	1.2	-	0.58	<0.5	<0.1	<0.02	-
	21 Nov 2017	0089_MW236_S_171121	Normal	-	<0.002	-	-	*16*	-	-	-	*26*	0.28	-	-	-	4	1.4	*0.99*	0.51	-	-	<0.002	-
	05 Dec 2017	0089_MW236_S_171205	Normal	-	-	-	0.21	*16*	-	-	-	*29*	0.33	<0.02	-	0.88	-	1.9	*1.1*	-	-	-	-	-
	19 Jan 2018	0089_MW236_S_180119	Normal	*1.6*	<0.02	-	0.32	-	-	3.9	-	-	0.37	<0.02	<0.05	-	4.1	2.5	*1.4*	-	<0.5	-	<0.02	-
	02 Apr 2020	0089_MW236_200402	Normal	-	-	-	0.5	*67.7*	-	0.42	-	-	<0.1	-	<0.02	-	0.82	-	*1.73*	-	-	<0.02	-	-
	16 Jul 2020	0089_MW236_200716	Normal	-	-	-	-	*55.2*	-	0.64	-	*19.8*	-	-	<0.02	0.38	-	3.24	-	-	<0.05	-	<0.02	-
		0089_QC108_200716	Field_D	-	-	-	0.9	*62*	-	-	-	*20.9*	<0.1	-	-	0.41	0.99	3.42	*1.62*	0.17	<0.05	-	<0.02	-
	20 Jul 2020	0089_QC208_200716	Interlab_D	0.13	<0.01	-	-	*59*[#1]	-	-	<0.01	-	0.08	<0.01	<0.01	0.31	0.79	3.1	-	0.14	<0.01	<0.01	-	-
	21 Sep 2020	0089_MW236_200921	Normal	-	-	-	1.09	*60.6*	-	-	-	-	-	<0.02	<0.02	0.48	-	2.79	-	-	<0.05	<0.02	-	-
	15 Dec 2020	0089_MW236_201215	Normal	0.3	<0.02	-	0.37	*42.6*	-	0.63	-	*14.9*	<0.1	-	-	-	0.93	-	*1.06*	-	-	-	-	-
	16 Mar 2021	0089_MW236_210316	Normal	0.45	<0.02	-	0.66	*53.4*	-	1.28	-	*17.8*	0.1	-	-	-	1.72	3.15	-	0.25	<0.05	<0.02	<0.02	-
	10 Jun 2021	0089_MW236_210610	Normal	0.18	-	-	0.5	*42.2*	-	0.36	-	*11.3*	<0.1	<0.02	-	-	0.78	-	*1.27*	0.12	-	<0.02	-	-
	31 Aug 2021	0089_MW236_210831	Normal	-	-	-	0.49	-	-	2.64	-	-	-	-	-	0.9	-	2.09	*1.74*	0.22	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW236_220110	Normal	0.33	-	-	-	-	-	1.43	-	*34.6*	-	-	-	-	1.93	3.04	*2.41*	0.21	<0.05	<0.02	<0.02	-
	07 Jun 2022	0089_MW236_220607	Normal	0.08	<0.02	-	0.95	-	-	0.34	-	*18.1*	<0.1	<0.02	-	0.36	-	4.88	-	0.11	<0.05	<0.02	<0.02	-
	06 Sep 2022	0089_MW236_220906	Normal	-	<0.02	-	-	-	-	-	-	-	0.1	<0.02	<0.02	-	1.35	3.35	*1.7*	-	<0.05	-	<0.02	-
	13 Dec 2022	0089_MW236_221213	Normal	0.22	-	-	0.46	-	-	-	-	-	-	<0.02	<0.02	0.54	0.97	-	*1.46*	0.15	<0.05	<0.02	<0.02	-
	06 Jun 2023	0089_MW236_230606	Normal	0.16	-	-	-	*52.3*	-	-	-	*17*	<0.1	-	-	-	0.6	2.91	*1.99*	0.12	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	28 May 2024	0089_MW228_240528	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	-	-	-	0.52	-
		0089_QC106_240528	Field_D	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.72	<0.05	-	-	14.8	-	-	-	-
		0089_QC206_240528	Interlab_D	-	-	-	<0.05	-	<0.05	<0.05	-	-	0.76	-	<0.01	-	13.67	-	0.25	-	0.8
	18 Dec 2024	0089_MW228_241218	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.16	<0.05	<0.05	8.39	-	8.22	-	0.45	-
				-	-	-	-	<0.02	<0.05	-	-	<0.05	0.16	<0.05	<0.05	8.39	8.22	-	-	-	-
	10 Mar 2025	0089_MW228_250310	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.37	<0.05	<0.05	11.6	-	11.3	-	0.59	-
		0089_QC103_250310	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.46	<0.05	<0.05	14.0	-	13.8	-	0.78	-
		0089_QC203_250310	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	0.69	<0.01	<0.01	17.56	-	17.19	0.34	0.94	1.28
	05 Jun 2025	0089_MW228_250605	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.38	<0.05	<0.05	18.0	-	17.6	-	0.89	-
				-	<0.02	-	<0.05	<0.02	-	-	-	<0.05	0.38	<0.05	<0.05	18	-	-	-	-	-
	16 Sep 2025	0089_MW228_250016	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	1.24	<0.05	<0.05	16.6	-	16.2	-	1.00	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	1.24	<0.05	-	16.6	-	-	-	-	-
0089_MW233	08 Aug 2017	0089_MW233_S_170808	Normal	-	-	<0.05	-	<0.002	<0.005	-	-	-	0.001	<0.001	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW233_S_170913	Normal	<0.01	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW233_S_171020	Normal	<0.1	<0.002	<0.05	<0.05	<0.002	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
	21 Nov 2017	0089_MW233_S_171121	Normal	-	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	0.001	<0.001	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW233_S_171205	Normal	<0.01	<0.002	-	-	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW233_S_180119	Normal	-	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW233_200108	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	-	0.52	-	-	-	-
	30 Mar 2020	0089_MW233_200330	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	-	-	0.37	-	-	-	-
	15 Jul 2020	0089_MW233_200715	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	0.27	-	-	-	-
		0089_QC107_200715	Field_D	-	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	0.27	-	-	-	-	-
		0089_QC207_200215	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.01	<0.01	-	0.22	-	-	0.2	-
	21 Sep 2020	0089_MW233_200921	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	-	0.29	-	-	-	-
	15 Dec 2020	0089_MW233_201215	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.25	0.25	-	-	0.25	-
	15 Mar 2021	0089_MW233_210315	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	-	-
		0089_QC104_210315	Field_D	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	0.26	0.26	-	-	0.26	-
		0089_QC204_210315	Interlab_D	-	<0.05	-	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	-	<0.01	0.22	-	-	0.1	0.21	-
	09 Jun 2021	0089_MW233_210609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.18	-	-	0.18	-
	30 Aug 2021	0089_MW233_210830	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	-	-	-	0.41	-	-	-	-	-
		0089_QC102_210830	Field_D	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.39	0.39	-	-	-	-
		0089_QC202_210830	Interlab_D	-	<0.1	<0.05	-	-	<0.05	<0.05	-	-	<0.05	-	-	-	0.34	-	0.28	0.34	0.34
	10 Jan 2022	0089_MW233_220110	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.35	0.35	-	-	0.35	-
	17 Mar 2022	0089_MW233_220317	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
	08 Jun 2022	0089_MW233_220608	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	-	-	<0.05	0.12	0.12	-	-	0.12	-
	06 Sep 2022	0089_MW233_220906	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.07	-	-	-	0.07	-
	13 Dec 2022	0089_MW233_221213	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.23	0.23	-	-	-	-
	13 Mar 2023	0089_MW233_230313	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	-	0.12	-	-	0.12	-
	06 Jun 2023	0089_MW233_230606	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	0.04	-	-	0.04	-
	04 Sep 2023	0089_MW233_230904	Normal	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	0.05	-	-	-	0.05	-
	13 Dec 2023	0089_MW233_231213	Normal	-	-	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	-	-	-	-	-	0.17	-
	12 Mar 2024	0089_MW233_240312	Normal	-	<0.02	-	-	-	-	<0.02	-	-	<0.05	<0.05	-	0.08	0.08	-	-	0.08	-
	29 May 2024	0089_MW233_240529	Normal	-	<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	-
	13 Dec 2024	0089_MW233_241213	Normal	<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	-
				-	<0.02	-	-	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.41	0.41	-	-	0.41	-
	18 Mar 2025	0089_MW233_250318	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	-	-	0.13	0.13	-	-	0.13	-
	12 Jun 2025	0089_MW233_250612	Normal	<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	-
				<0.05	<0.02	-	-	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.06	-	-	-	-	-
	16 Sep 2025	0089_MW233_250916	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.04	-	-	0.04	-
0089_MW236	08 Aug 2017	0089_MW236_S_170808	Normal	-	<0.002	-	<0.005	-	-	<0.01	-	-	-	<0.001	-	-	-	-	-	-	-
	13 Sep 2017	0089_MW236_S_170913	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	-	0.009	-	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW236_S_171020	Normal	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	-	<0.01	<0.01	-	-	-	-	-	-	-
	21 Nov 2017	0089_MW236_S_171121	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	-	-	-	0.016	-	-	-	-	-	-	-	-
	05 Dec 2017	0089_MW236_S_171205	Normal	<0.02	<0.02	<0.5	-	<0.02	<0.05	<0.1	-	<0.01	0.016	<0.01	<0.01	-	-	-	-	-	-
	19 Jan 2018	0089_MW236_S_180119	Normal	-	-	<0.5	<0.05	-	-	<0.1	-	<0.01	0.028	<0.01	<0.01	-	-	-	-	-	-
	02 Apr 2020	0089_MW236_200402	Normal	-	-	<0.05	-	-	-	-	-	<0.05	-	<0.05	<0.05	94.9	-	-	-	87.5	-
	16 Jul 2020	0089_MW236_200716	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	-	82.8	78.1	-	-	75	-
		0089_QC108_200716	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	91.3	86.3	-	-	82.9	-
	20 Jul 2020	0089_QC208_200716	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	81.45	77.65	-	60.2	-	-
	21 Sep 2020	0089_MW236_200921	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	93	-	-	-	83.8	-
	15 Dec 2020	0089_MW236_201215	Normal	<0.05	-	<0.05	-	<0.02	<0.05	-	-	-	-	<0.05	-	63.4	60.3	-	-	-	-
	16 Mar 2021	0089_MW236_210316	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	80.6	75.5	-	-	-	-
	10 Jun 2021	0089_MW236_210610	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	58.9	56.1	-	-	53.5	-
	31 Aug 2021	0089_MW236_210831	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	60.8	-
	10 Jan 2022	0089_MW236_220110	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	90.3	-	-	84.5	-
	07 Jun 2022	0089_MW236_220607	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	112	106	-	-	-	-
	06 Sep 2022	0089_MW236_220906	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	127	-	-	-	117	-
	13 Dec 2022	0089_MW236_221213	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	91.5	-	-	88.2	-
	06 Jun 2023	0089_MW236_230606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	76.2	-	-	-	69.3	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	05 Sep 2023	0089_MW236_230905	Normal	0.19	<0.02	-	0.57	-	-	-	-	-	-	<0.02	<0.02	0.24	0.67	2.52	-	0.11	<0.05	-	<0.02	-
	13 Dec 2023	0089_MW236_231213	Normal	0.28	<0.02	-	0.47	-	-	-	-	*11.8*	-	<0.02	<0.02	-	0.76	2.38	*1.29*	-	-	<0.02	<0.02	-
	12 Mar 2024	0089_MW236_240312	Normal	0.24	<0.02	-	0.41	*66.7*	-	0.24	-	*11.6*	<0.1	-	-	-	0.64	2.69	-	0.14	-	<0.02	-	-
	13 Dec 2024	0089_MW236_241213	Normal	0.23	<0.02	<0.02	0.24	*39.4*	0.08	0.27	-	*18.1*	<0.1	<0.02	<0.02	0.29	0.68	1.60	*1.66*	0.15	<0.05	<0.02	<0.02	<0.05
				0.23	<0.02	-	0.24	*39.4*	-	0.27	<0.02	-	-	<0.02	<0.02	0.29	0.68	1.6	-	-	<0.05	<0.02	<0.02	-
	18 Mar 2025	0089_MW236_250318	Normal	0.12	<0.02	<0.20[#2]	0.28	*40.1*	0.02	0.18	-	*11.4*	<0.1	<0.02	<0.02	0.20	0.51	1.35	*2.26*	0.10	<0.05	<0.02	<0.02	<0.05
				0.12	<0.02	-	-	*40.1*	-	0.18	-	-	-	<0.02	-	0.2	-	-	*2.26*	0.1	<0.05	<0.02	<0.02	-
	12 Jun 2025	0089_MW236_250612	Normal	0.08	<0.02	<0.04[#2]	0.53	*50.7*	<0.02	0.16	-	*10.8*	<0.1	<0.02	<0.02	0.15	0.46	1.74	*2.21*	0.09	<0.05	<0.02	<0.02	<0.05
				0.08	-	-	-	*50.7*	<0.02	0.16	-	*10.8*	-	-	<0.02	0.15	0.46	1.74	*2.21*	-	-	-	<0.02	<0.05
	17 Sep 2025	0089_MW236_250917	Normal	0.16	<0.02	<0.02	0.13	*23.4*	0.04	0.26	-	*25.7*	<0.1	<0.02	<0.02	0.30	0.54	0.98	*1.14*	0.10	<0.05	<0.02	<0.02	<0.05
				0.16	<0.02	-	0.13	*23.4*	0.04	0.26	<0.02	*25.7*	<0.1	<0.02	<0.02	-	0.54	0.98	-	0.1	-	<0.02	<0.02	<0.05
		0089_QC113_250917	Field_D	0.16	<0.02	<0.02	0.27	*21.2*	0.04	0.27	-	*23.1*	<0.1	<0.02	<0.02	0.31	0.58	0.96	*1.24*	0.10	<0.05	<0.02	<0.02	<0.05
		0089_QC213_250917	Interlab_D	0.22	<0.01	<0.01	0.51	*36*	0.06	0.37[#1]	-	*29*[#1]	0.10	<0.01	<0.01	0.41[#1]	0.85	1.3	*1.8*[#1]	0.12	<0.01	<0.01	<0.01	-
0089_MW238	04 Aug 2017	0089_MW238_S_170804	Normal	0.002	-	-	<0.001	0.005	-	0.002	-	0.008	<0.002	-	<0.005	<0.001	-	<0.001	<0.001	-	-	-	-	-
	13 Sep 2017	0089_MW238_S_170913	Normal	0.001	<0.002	-	<0.001	*0.008*	-	0.002	-	0.022	-	-	<0.005	<0.001	0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_QC1MW_170913	Field_D	0.002	-	-	<0.001	*0.01*	-	-	-	0.008	-	-	<0.005	-	0.002	0.001	0.001	<0.002	<0.05	<0.01	-	-
		0089_QC2MW_170913	Interlab_D	<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	-
	20 Oct 2017	0089_MW238_S_171020	Normal	0.001	-	-	-	-	-	-	-	0.004	-	<0.002	<0.005	-	-	-	<0.001	<0.002	-	<0.01	<0.002	-
	21 Nov 2017	0089_MW238_S_171121	Normal	0.002	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	<0.002	<0.005	-	<0.001	-	<0.001	<0.002	-	<0.01	-	-
	05 Dec 2017	0089_MW238_S_171205	Normal	-	<0.002	-	-	-	-	-	-	0.005	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	-	<0.01	<0.002	-
	19 Jan 2018	0089_MW238_S_180119	Normal	-	<0.002	-	<0.001	0.002	-	-	-	0.006	-	<0.002	<0.005	<0.001	-	<0.001	-	<0.002	<0.05	-	<0.002	-
	14 Jan 2020	0089_MW238_200114	Normal	-	<0.02	-	<0.02	*0.01*	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	-	<0.02	<0.05	-	<0.02	-
	01 Apr 2020	0089_MW238_200401	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	-	<0.02	-	<0.02	-	-	<0.05	-	-	-
	16 Jul 2020	0089_MW238_200716	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	-	-	<0.02	-	<0.02	-	-	<0.01	-	<0.05	<0.02	<0.02	-
	21 Sep 2020	0089_MW238_200921	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	*0.03*	<0.1	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	-	-
	15 Dec 2020	0089_MW238_201215	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
		0089_QC114_201215	Field_D	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	-	<0.02	-	<0.02	-	<0.01	-	<0.05	-	<0.02	-
		0089_QC214_201115	Interlab_D	-	-	-	-	<0.01[#1]	-	<0.01	<0.01	-	<0.05	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	-
	18 Mar 2021	0089_MW238_210318	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	10 Jun 2021	0089_MW238_210610	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW238_210831	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Jan 2022	0089_MW238_220112	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	-	-	<0.02	-	-	-	<0.02	-	<0.02	<0.02	-
	18 Mar 2022	0089_MW238_220318	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	09 Jun 2022	0089_MW238_220609	Normal	<0.02	-	-	<0.02	-	-	-	-	0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	06 Sep 2022	0089_MW238_220906	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	13 Dec 2022	0089_MW238_221213	Normal	-	-	-	<0.02	<0.01	-	-	-	*0.03*	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	15 Mar 2023	0089_MW238_230315	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	07 Jun 2023	0089_MW238_230607	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	0.01	-	-	-	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	05 Sep 2023	0089_MW238_230905	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	12 Dec 2023	0089_MW238_231212	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	12 Mar 2024	0089_MW238_240312	Normal	<0.02	-	-	-	<0.01	-	-	-	0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	29 May 2024	0089_MW238_240529	Normal	<0.02	<0.02	-	-	-	-	-	-	*0.14*	<0.1	<0.02	-	-	-	-	<0.01	<0.02	-	<0.02	-	-
	13 Dec 2024	0089_MW238_241213	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	-	<0.01	<0.02	<0.02	<0.02	-	<0.1	-	<0.02	-	-	-	<0.01	-	<0.05	-	-	-
	17 Mar 2025	0089_MW238_250317	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	*0.03*	-	-	<0.02	<0.02	-	<0.02	-	-	<0.05	<0.02	-	-
	12 Jun 2025	0089_MW238_250612	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	-	*0.01*	<0.02	-	<0.02	*0.04*	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	17 Sep 2025	0089_MW238_250917	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	-	<0.02	<0.02	0.02	<0.1	-	<0.02	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.02	-
0089_MW239	04 Aug 2017	0089_MW239_S_170804	Normal	0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	-	<0.005	-	<0.001	<0.001	<0.001	-	-	<0.01	-	-
	22 Jul 2020	0089_MW239_200722	Normal	0.03	-	-	-	-	-	0.04	-	-	<0.1	<0.02	-	-	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	21 Sep 2020	0089_MW239_200921	Normal	0.06	-	-	<0.02	-	-	0.08	-	*0.04*	-	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	-	<0.02	-
	15 Dec 2020	0089_MW239_201215	Normal	-	-	-	<0.02	-	-	0.05	-	-	<0.1	<0.02	-	-	-	<0.02	-	-	<0.05	-	<0.02	-
	18 Mar 2021	0089_MW239_210318	Normal	0.04	<0.02	-	<0.02	-	-	0.07	-	*0.04*	-	<0.02	<0.02	-	-	<0.02	-	0.02	<0.05	<0.02	-	-
	10 Jun 2021	0089_MW239_210610	Normal	0.03	-	-	-	*0.01*	-	0.07	-	*0.03*	-	-	<0.02	-	0.07	-	-	<0.02	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW239_210831	Normal	-	<0.02	-	<0.02	-	-	0.03	-	<0.02	-	<0.02	-	<0.02	0.03	<0.02	-	-	-	<0.02	-	-
	12 Jan 2022	0089_MW239_220112	Normal	<0.02	-	-	-	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	18 Mar 2022	0089_MW239_220318	Normal	-	-	-	-	-	-	0.03	-	-	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	09 Jun 2022	0089_MW239_220609	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	0.02	-	-	<0.02	-	-	-	<0.01	<0.02	<0.05	-	<0.02	-
	06 Sep 2022	0089_MW239_220906	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	*0.05*	<0.1	<0.02	-	-	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW239_221213	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	*0.09*	<0.1	-	-	-	<0.02	-	-	-	-	<0.02	-	-
	15 Mar 2023	0089_MW239_230315	Normal	-	<0.02	-	<0.02	-	-	-	-	*0.11*	<0.1	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	07 Jun 2023	0089_MW239_230607	Normal	-	-	-	<0.02	-	-	<0.02	-	*0.15*	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	05 Sep 2023	0089_MW239_230905	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	-	<0.02	-	-	<0.05	-	<0.02	-
	12 Dec 2023	0089_MW239_231212	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Mar 2024	0089_MW239_240312	Normal	-	-	-	-	-	-	-	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	-	-	-
	29 May 2024	0089_MW239_240529	Normal	-	<0.02	-	-	<0.01	-	-	-	*0.1*	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	13 Dec 2024	0089_MW239_241213	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	-	-	*0.03*	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	-	-
		0089_QC102_241213	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	05 Sep 2023	0089_MW236_230905	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	73.8	-	-	-	67.7	-
	13 Dec 2023	0089_MW236_231213	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	75.2	71.9	-	-	69.3	-
	12 Mar 2024	0089_MW236_240312	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	78.3	-
	13 Dec 2024	0089_MW236_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	62.7	-	60.5	-	57.5	-
				-	-	<0.05	-	<0.02	<0.05	-	-	<0.05	-	-	<0.05	62.7	60.5	-	-	57.5	-
	18 Mar 2025	0089_MW236_250318	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	56.5	-	54.7	-	51.5	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	56.5	-	-	-	51.5	-
	12 Jun 2025	0089_MW236_250612	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	66.9	-	64.5	-	61.5	-
				<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	-	<0.05	66.9	64.5	-	-	-	-
	17 Sep 2025	0089_MW236_250917	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	52.8	-	51.3	-	49.1	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	52.8	51.3	-	-	49.1	-
		0089_QC113_250917	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	48.2	-	46.7	-	44.3	-
		0089_QC213_250917	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	71	-	68.5	38	65	66.8
0089_MW238	04 Aug 2017	0089_MW238_S_170804	Normal	-	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
	13 Sep 2017	0089_MW238_S_170913	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_170913	Field_D	-	-	-	<0.005	<0.002	-	<0.01	-	-	-	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_170913	Interlab_D	<0.05	-	<0.05	-	-	<0.05	-	-	-	-	-	-	<0.1	<0.05	-	-	<0.01	-
	20 Oct 2017	0089_MW238_S_171020	Normal	-	-	<0.05	<0.05	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	21 Nov 2017	0089_MW238_S_171121	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW238_S_171205	Normal	-	<0.002	-	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW238_S_180119	Normal	<0.01	<0.002	-	<0.005	<0.002	-	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	14 Jan 2020	0089_MW238_200114	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	0.2	-	<0.05	-	0.21	-	-	0.01	-
	01 Apr 2020	0089_MW238_200401	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	16 Jul 2020	0089_MW238_200716	Normal	-	<0.02	-	-	-	<0.05	-	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	21 Sep 2020	0089_MW238_200921	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	-	-	<0.05	<0.05	0.03	-	-	-	0.03	-
	15 Dec 2020	0089_MW238_201215	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
		0089_QC114_201215	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
		0089_QC214_201115	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-	-	-	<0.01	0.02	0.02
	18 Mar 2021	0089_MW238_210318	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	10 Jun 2021	0089_MW238_210610	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	-	-
	31 Aug 2021	0089_MW238_210831	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	12 Jan 2022	0089_MW238_220112	Normal	-	<0.02	-	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	-	-
	18 Mar 2022	0089_MW238_220318	Normal	<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	-	-	-	-
	09 Jun 2022	0089_MW238_220609	Normal	-	-	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.02	-	-	-	0.02	-
	06 Sep 2022	0089_MW238_220906	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	13 Dec 2022	0089_MW238_221213	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.03	-	-	-	-	-
	15 Mar 2023	0089_MW238_230315	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.02	-	-	-	0.02	-
	07 Jun 2023	0089_MW238_230607	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	<0.05	0.01	0.01	-	-	-	-
	05 Sep 2023	0089_MW238_230905	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.03	-	-	0.03	-
	12 Dec 2023	0089_MW238_231212	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	0.02	-	-	-	-
	12 Mar 2024	0089_MW238_240312	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	-	0.02	-	-	0.02	-
	29 May 2024	0089_MW238_240529	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	-	0.16	-	-	0.14	-
	13 Dec 2024	0089_MW238_241213	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	0.04	-
	17 Mar 2025	0089_MW238_250317	Normal	<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	-
				<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.03	-	-	-	-	-
	12 Jun 2025	0089_MW238_250612	Normal	<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	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.05	-	-	-	0.05	-
	17 Sep 2025	0089_MW238_250917	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	-	-
0089_MW239	04 Aug 2017	0089_MW239_S_170804	Normal	<0.01	-	<0.05	<0.005	<0.002	-	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	22 Jul 2020	0089_MW239_200722	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	-	0.06	-	-	-	-
	21 Sep 2020	0089_MW239_200921	Normal	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	0.16	-	-	-	-
	15 Dec 2020	0089_MW239_201215	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	-	<0.05	-	0.15	-	-	-	0.02	-
	18 Mar 2021	0089_MW239_210318	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	0.25	0.18	-	-	-	-
	10 Jun 2021	0089_MW239_210610	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	-	<0.05	<0.05	0.21	0.14	-	-	-	-
	31 Aug 2021	0089_MW239_210831	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.06	0.03	-	-	-	-
	12 Jan 2022	0089_MW239_220112	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	0.01	0.01	-	-	0.01	-
	18 Mar 2022	0089_MW239_220318	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.05	-	-	-	-	-
	09 Jun 2022	0089_MW239_220609	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	-	0.02	0.02	-	-	0.02	-
	06 Sep 2022	0089_MW239_220906	Normal	<0.05	-	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	-	0.05	-
	13 Dec 2022	0089_MW239_221213	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.33	-	-	-	0.33	-
	15 Mar 2023	0089_MW239_230315	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	0.21	-
	07 Jun 2023	0089_MW239_230607	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	0.15	-	-	0.15	-
	05 Sep 2023	0089_MW239_230905	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.01	0.01	-	-	0.01	-
	12 Dec 2023	0089_MW239_231212	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	0.02	0.02	-	-	0.02	-
	12 Mar 2024	0089_MW239_240312	Normal	-	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	29 May 2024	0089_MW239_240529	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	-	-	0.1	-	-	0.1	-
	13 Dec 2024	0089_MW239_241213	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.03	0.03	-	-	-	-
		0089_QC102_241213	Field_D	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
				-	<0.02	-	<0.02	-	<0.02	-	-	*0.03*	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	-	-
		0089_QC202_241213	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	*0.03*[#1]	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	<0.01	-	-	<0.01	<0.01	<0.01	-	-	<0.05	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	-
	17 Sep 2025	0089_MW239_250917	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	-	-
0089_MW240	04 Aug 2017	0089_MW240_S_170804	Normal	-	<0.002	-	-	0.002	-	0.051	-	*3.5*	-	<0.002	<0.005	-	-	<0.001	0.086	0.008	-	-	<0.002	-
	14 Jan 2020	0089_MW240_200114	Normal	0.02	<0.02	-	-	<0.01	-	0.18	-	*5.1*	-	-	<0.02	0.05	0.25	<0.02	*0.22*	-	-	-	-	-
	01 Apr 2020	0089_MW240_200401	Normal	<0.02	-	-	0.03	-	-	0.04	-	*0.98*	-	-	-	-	0.05	<0.02	0.05	<0.02	<0.05	<0.02	<0.02	-
	16 Jul 2020	0089_MW240_200716	Normal	<0.02	<0.02	-	0.03	*0.03*	-	0.06	-	-	<0.1	-	<0.02	<0.02	-	<0.02	0.04	-	-	<0.02	<0.02	-
	21 Sep 2020	0089_MW240_200921	Normal	0.03	<0.02	-	0.1	<0.01	-	0.43	-	-	<0.1	-	<0.02	0.07	0.33	<0.02	0.15	0.02	<0.05	-	-	-
		0089_QC106_200921	Field_D	-	-	-	-	<0.01	-	0.28	-	*3.51*	-	-	<0.02	-	0.24	<0.02	0.1	<0.02	<0.05	-	<0.02	-
		0089_QC206_200921	Interlab_D	-	<0.01	-	-	<0.01	-	0.14[#1]	-	*2.7*[#1]	-	<0.01	-	0.03[#1]	-	-	0.08[#1]	0.02	-	<0.01	<0.01	-
	15 Dec 2020	0089_MW240_201215	Normal	<0.02	<0.02	-	0.02	-	-	0.09	-	*1.34*	<0.1	<0.02	-	-	0.11	<0.02	0.05	<0.02	-	<0.02	<0.02	-
	18 Mar 2021	0089_MW240_210318	Normal	-	<0.02	-	0.2	<0.01	-	0.08	-	-	<0.1	<0.02	-	-	0.18	-	*0.3*	0.02	-	<0.02	-	-
	10 Jun 2021	0089_MW240_210610	Normal	-	-	-	0.12	<0.01	-	-	-	*3.24*	<0.1	<0.02	-	0.03	0.21	-	0.16	-	<0.05	<0.02	-	-
	31 Aug 2021	0089_MW240_210831	Normal	0.02	-	-	0.06	<0.01	-	0.27	-	-	<0.1	<0.02	<0.02	0.06	-	-	-	-	-	<0.02	<0.02	-
	12 Jan 2022	0089_MW240_220112	Normal	-	-	-	<0.02	-	-	-	-	-	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
		0089_QC115_220112	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	-	<0.1	-	<0.02	<0.02	0.06	<0.02	-	-	<0.05	-	<0.02	-
		0089_QC215_220112	Interlab_D	-	-	-	-	*0.01*[#1]	-	<0.01	-	*0.65*[#1]	<0.05	-	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	-	-
	18 Mar 2022	0089_MW240_220318	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	*1.07*	<0.1	<0.02	<0.02	<0.02	0.08	-	-	-	<0.05	<0.02	<0.02	-
	09 Jun 2022	0089_MW240_220609	Normal	<0.02	<0.02	-	0.07	<0.01	-	0.24	-	-	<0.1	<0.02	<0.02	-	0.2	-	0.09	-	<0.05	<0.02	-	-
	06 Sep 2022	0089_MW240_220906	Normal	<0.02	-	-	<0.02	-	-	0.06	-	-	<0.1	-	<0.02	-	0.16	<0.02	0.11	<0.02	-	<0.02	<0.02	-
	13 Dec 2022	0089_MW240_221213	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	*0.77*	-	-	<0.02	0.02	0.07	<0.02	0.06	<0.02	<0.05	<0.02	-	-
	15 Mar 2023	0089_MW240_230315	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	*4.45*	-	<0.02	<0.02	0.04	-	<0.02	0.19	0.02	<0.05	<0.02	<0.02	-
	07 Jun 2023	0089_MW240_230607	Normal	<0.02	<0.02	-	<0.02	-	-	0.03	-	-	<0.1	<0.02	-	<0.02	0.02	<0.02	-	-	<0.05	-	<0.02	-
	05 Sep 2023	0089_MW240_230905	Normal	-	<0.02	-	-	*0.01*	-	0.06	-	*2.59*	-	<0.02	-	-	0.1	<0.02	0.08	-	-	-	<0.02	-
	12 Dec 2023	0089_MW240_231212	Normal	<0.02	<0.02	-	-	-	-	0.04	-	*3.84*	<0.1	<0.02	-	-	0.1	<0.02	0.11	-	<0.05	<0.02	-	-
	12 Mar 2024	0089_MW240_240312	Normal	<0.02	<0.02	-	0.04	<0.01	-	-	-	*1.72*	-	<0.02	-	-	-	<0.02	0.06	-	-	<0.02	-	-
		0089_QC116_240312	Field_D	<0.02	-	-	0.04	-	-	0.06	-	-	<0.1	<0.02	-	0.02	-	<0.02	0.07	<0.02	-	<0.02	-	-
		0089_QC216_240312	Interlab_D	-	<0.01	-	-	-	-	-	-	-	<0.05	<0.01	-	<0.05	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-
	29 May 2024	0089_MW240_240529	Normal	<0.02	<0.02	-	-	*0.02*	-	<0.02	-	*0.03*	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	13 Dec 2024	0089_MW240_241213	Normal	<0.02	<0.02	<0.02	0.02	<0.01	<0.02	<0.02	-	*1.24*	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.18	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	0.02	<0.01	<0.02	<0.02	-	-	<0.1	-	<0.02	<0.02	0.1	<0.02	0.18	<0.02	<0.05	-	-	-
	17 Mar 2025	0089_MW240_250317	Normal	<0.02	<0.02	<0.02	0.25	<0.01	<0.02	0.27	-	*4.48*	<0.1	<0.02	<0.02	0.05	0.19	<0.02	0.17	0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.25	<0.01	-	0.27	<0.02	-	<0.1	<0.02	-	0.05	0.19	<0.02	0.17	0.02	<0.05	-	<0.02	-
	12 Jun 2025	0089_MW240_250612	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	*0.01*	<0.02	<0.02	<0.02	*0.11*	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	<0.05
	17 Sep 2025	0089_MW240_250917	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.79*	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.04	0.04	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	*0.79*	<0.1	<0.02	-	-	-	<0.02	0.04	0.04	-	<0.02	-	<0.05
0089_MW242	07 Aug 2017	0089_MW242_S_170807	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	-	<0.002	-	<0.01	<0.002	-
	08 Jan 2020	0089_MW242_200108	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	-	-	-	-
	30 Mar 2020	0089_MW242_200330	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	<0.02	-	-	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	16 Jul 2020	0089_MW242_200716	Normal	<0.02	-	-	<0.02	*0.05*	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	-
	21 Sep 2020	0089_MW242_200921	Normal	-	-	-	-	-	-	-	-	<0.02	<0.1	-	<0.02	-	-	<0.02	-	<0.02	<0.05	-	<0.02	-
	15 Dec 2020	0089_MW242_201215	Normal	<0.02	-	-	<0.02	*0.02*	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	18 Mar 2021	0089_MW242_210318	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	09 Jun 2021	0089_MW242_210609	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	-	<0.01	-	<0.05	-	<0.02	-
	31 Aug 2021	0089_MW242_210831	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Jan 2022	0089_MW242_220112	Normal	-	<0.02	-	<0.02	*0.02*	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	17 Mar 2022	0089_MW242_220317	Normal	<0.02	-	-	<0.02	*0.03*	-	-	-	<0.01	<0.1	-	-	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	-	-
	08 Jun 2022	0089_MW242_220608	Normal	<0.02	-	-	-	*0.02*	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	06 Sep 2022	0089_MW242_220906	Normal	-	<0.02	-	<0.02	*0.01*	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	13 Dec 2022	0089_MW242_221213	Normal	<0.02	-	-	<0.02	*0.01*	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	-	<0.02	-	-	<0.02	-
	15 Mar 2023	0089_MW242_230315	Normal	-	<0.02	-	-	*0.02*	-	<0.02	-	<0.01	<0.1	-	-	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	06 Jun 2023	0089_MW242_230606	Normal	<0.02	<0.02	-	-	*0.01*	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	-	-	-
	04 Sep 2023	0089_MW242_230904	Normal	<0.02	<0.02	-	<0.02	*0.04*	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	-
	13 Dec 2023	0089_MW242_231213	Normal	<0.02	-	-	<0.02	*0.01*	-	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	12 Mar 2024	0089_MW242_240312	Normal	<0.02	<0.02	-	<0.02	*0.01*	-	-	-	<0.01	<0.1	-	<0.02	<0.02	-	-	-	<0.02	-	-	<0.02	-
		0089_QC117_240312	Field_D	-	-	-	-	*0.01*	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.02	-	-
		0089_QC217_240312	Interlab_D	<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	-
	13 Dec 2024	0089_MW242_241213	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.01	<0.1	-	-	-	-	-	<0.01	<0.02	-	<0.02	<0.02	-
	17 Mar 2025	0089_MW242_250317	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	-	<0.01	-	-	-	-	<0.1	-	<0.02	-	-	-	-	<0.02	-	<0.02	-	<0.05
	04 Jun 2025	0089_MW242_250604	Normal	<0.02	<0.02	<0.02	<0.02	*0.03*	<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	<0.02	<0.05
				<0.02	-	-	-	*0.03*	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	17 Sep 2025	0089_MW242_250917	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	<0.05
0089_MW243	04 Aug 2017	0089_MW243_S_170804	Normal	-	-	-	0.012	*0.16*	-	0.004	-	-	0.008	<0.002	-	-	0.009	-	-	0.003	<0.05	<0.01	-	-
	13 Sep 2017	0089_MW243_S_170913	Normal	-	<0.002	-	0.004	*0.047*	-	<0.001	-	0.029	0.002	-	-	<0.001	0.003	<0.001	0.006	<0.002	<0.05	<0.01	-	-
	20 Oct 2017	0089_MW243_S_171020	Normal	0.002	-	-	-	*0.021*	-	0.002	-	0.016	<0.002	-	<0.005	-	-	-	-	<0.002	-	<0.01	<0.002	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
		0089_QC202_241213	Interlab_D	<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
				<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
	17 Sep 2025	0089_MW239_250917	Normal	<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	-
				<0.05	-	<0.05	<0.05	-	-	-	-	<0.05	<0.05	-	-	0.02	-	-	-	0.02	-
0089_MW240	04 Aug 2017	0089_MW240_S_170804	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	14 Jan 2020	0089_MW240_200114	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	-	<0.05	<0.05	-	-	-	-	5.1	-
	01 Apr 2020	0089_MW240_200401	Normal	-	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	-	1.08	-	-	-	-
	16 Jul 2020	0089_MW240_200716	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.98	0.89	-	-	0.81	-
	21 Sep 2020	0089_MW240_200921	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	6.13	5.6	-	-	5	-
		0089_QC106_200921	Field_D	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	-	<0.05	-	3.92	-	-	3.51	-
		0089_QC206_200921	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	-	-	3.19	3.01	-	0.08	-	-
	15 Dec 2020	0089_MW240_201215	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	1.53	-	-	1.34	-
	18 Mar 2021	0089_MW240_210318	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	3.81	-	-	3.26	-
	10 Jun 2021	0089_MW240_210610	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	4.01	3.68	-	-	-	-
	31 Aug 2021	0089_MW240_210831	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	5.03	4.7	-	-	4.21	-
	12 Jan 2022	0089_MW240_220112	Normal	-	-	<0.05	<0.05	-	-	-	-	<0.05	<0.05	-	-	-	0.75	-	-	-	-
		0089_QC115_220112	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	0.75	0.75	-	-	-	-
		0089_QC215_220112	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	-	-	<0.01	<0.05	-	<0.01	-	0.7	-	0.01	0.66	0.66
	18 Mar 2022	0089_MW240_220318	Normal	<0.05	-	-	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.16	1.16	-	-	1.07	-
	09 Jun 2022	0089_MW240_220609	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	5.13	4.82	-	-	-	-
	06 Sep 2022	0089_MW240_220906	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-	<0.05	-	4.11	-	-	3.8	-
	13 Dec 2022	0089_MW240_221213	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	0.92	0.92	-	-	0.77	-
	15 Mar 2023	0089_MW240_230315	Normal	-	<0.02	-	-	<0.02	-	<0.02	-	-	-	<0.05	<0.05	5.15	4.85	-	-	-	-
	07 Jun 2023	0089_MW240_230607	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	-	<0.05	-	-	0.63	0.6	-	-	0.57	-
	05 Sep 2023	0089_MW240_230905	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	-	2.89	2.81	-	-	-	-
	12 Dec 2023	0089_MW240_231212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	4.16	4.08	-	-	-	-
	12 Mar 2024	0089_MW240_240312	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	1.87	-	-	1.72	-
		0089_QC116_240312	Field_D	<0.05	-	<0.05	<0.05	-	-	-	-	<0.05	<0.05	-	<0.05	-	1.96	-	-	1.8	-
		0089_QC216_240312	Interlab_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	-	-	-	-	<0.01	-	0.22	-	-	0.22	-
	29 May 2024	0089_MW240_240529	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	-	0.05	-
	13 Dec 2024	0089_MW240_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.54	-	1.52	-	1.24	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	1.54	-	-	-	1.24	-
	17 Mar 2025	0089_MW240_250317	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.43	-	4.91	-	4.48	-
				-	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	<0.05	5.43	4.91	-	-	-	-
	12 Jun 2025	0089_MW240_250612	Normal	<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	-
				-	-	<0.05	-	-	-	<0.02	-	<0.05	-	<0.05	-	-	0.12	-	-	0.12	-
	17 Sep 2025	0089_MW240_250917	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.93	-	0.93	-	0.79	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.93	0.93	-	-	0.79	-
0089_MW242	07 Aug 2017	0089_MW242_S_170807	Normal	<0.01	-	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW242_200108	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	-	<0.05	-	-	-	-	-	-	0.02	-
	30 Mar 2020	0089_MW242_200330	Normal	<0.05	<0.02	<0.05	-	-	-	-	-	-	-	<0.05	-	-	0.02	-	-	0.02	-
	16 Jul 2020	0089_MW242_200716	Normal	<0.05	-	-	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	0.05	-	-	-	-	-
	21 Sep 2020	0089_MW242_200921	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	0.02	0.02	-	-	0.02	-
	15 Dec 2020	0089_MW242_201215	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	-	-	-	-	-	0.02	-
	18 Mar 2021	0089_MW242_210318	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	-	-
	09 Jun 2021	0089_MW242_210609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	-	0.03	-	-	0.03	-
	31 Aug 2021	0089_MW242_210831	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	12 Jan 2022	0089_MW242_220112	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	0.02	-
	17 Mar 2022	0089_MW242_220317	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	08 Jun 2022	0089_MW242_220608	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	0.02	0.02	-	-	-	-
	06 Sep 2022	0089_MW242_220906	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	-	0.01	-	-	0.01	-
	13 Dec 2022	0089_MW242_221213	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	-	-	-	0.01	-
	15 Mar 2023	0089_MW242_230315	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	0.02	-	-	0.02	-
	06 Jun 2023	0089_MW242_230606	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.01	-
	04 Sep 2023	0089_MW242_230904	Normal	<0.05	-	-	-	-	-	<0.02	-	-	<0.05	<0.05	<0.05	0.04	-	-	-	-	-
	13 Dec 2023	0089_MW242_231213	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	-	-
	12 Mar 2024	0089_MW242_240312	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
		0089_QC117_240312	Field_D	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	-	0.01	-	-	-	-
		0089_QC217_240312	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	-	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	<0.01
	13 Dec 2024	0089_MW242_241213	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	0.01	-	-	0.01	-
	17 Mar 2025	0089_MW242_250317	Normal	<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	-
				-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	04 Jun 2025	0089_MW242_250604	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	-	<0.05	0.03	0.03	-	-	-	-
	17 Sep 2025	0089_MW242_250917	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
0089_MW243	04 Aug 2017	0089_MW243_S_170804	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	13 Sep 2017	0089_MW243_S_170913	Normal	<0.01	-	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW243_S_171020	Normal	-	-	-	<0.05	<0.002	-	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	21 Nov 2017	0089_MW243_S_171121	Normal	0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	0.006	-	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	-	<0.01	-	-
	05 Dec 2017	0089_MW243_S_171205	Normal	0.001	<0.002	-	-	-	-	<0.001	-	0.005	-	<0.002	-	<0.001	-	-	-	-	<0.05	<0.01	-	-
	19 Jan 2018	0089_MW243_S_180119	Normal	-	<0.002	-	-	*0.83*	-	-	-	*0.044*	0.01	-	-	<0.001	0.005	-	0.008	0.003	-	<0.01	<0.002	-
	14 Jan 2020	0089_MW243_200114	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	*0.03*	<0.1	-	-	-	-	-	<0.01	<0.02	-	-	<0.02	-
	01 Apr 2020	0089_MW243_200401	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	-	-	-	<0.01	<0.02	-	-	<0.02	-
	16 Jul 2020	0089_MW243_200716	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	*0.03*	<0.1	<0.02	<0.02	-	<0.02	<0.02	0.01	<0.02	-	<0.02	<0.02	-
	21 Sep 2020	0089_MW243_200921	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	*0.04*	<0.1	-	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	15 Dec 2020	0089_MW243_201215	Normal	<0.02	-	-	<0.02	*0.03*	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	-	-	-
	18 Mar 2021	0089_MW243_210318	Normal	<0.02	<0.02	-	<0.02	*0.03*	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	-	<0.05	<0.02	<0.02	-
	10 Jun 2021	0089_MW243_210610	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	31 Aug 2021	0089_MW243_210831	Normal	<0.02	<0.02	-	-	*0.43*	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Jan 2022	0089_MW243_220112	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	-	-	-
	18 Mar 2022	0089_MW243_220318	Normal	-	<0.02	-	<0.02	-	-	-	-	*0.04*	<0.1	-	-	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	-	-
	09 Jun 2022	0089_MW243_220609	Normal	-	-	-	-	*0.24*	-	<0.02	-	-	-	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	06 Sep 2022	0089_MW243_220906	Normal	<0.02	-	-	<0.02	*0.16*	-	-	-	*0.11*	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW243_221213	Normal	-	-	-	<0.02	-	-	<0.02	-	-	-	-	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	15 Mar 2023	0089_MW243_230315	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	*0.09*	<0.1	<0.02	-	<0.02	-	-	-	-	<0.05	-	<0.02	-
	07 Jun 2023	0089_MW243_230607	Normal	<0.02	<0.02	-	<0.02	*0.12*	-	<0.02	-	*0.06*	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	-
	05 Sep 2023	0089_MW243_230905	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	12 Dec 2023	0089_MW243_231212	Normal	-	-	-	<0.02	-	-	<0.02	-	*0.08*	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	-	-
	12 Mar 2024	0089_MW243_240312	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	29 May 2024	0089_MW243_240529	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	13 Dec 2024	0089_MW243_241213	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.16*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	<0.02	<0.01	<0.02	<0.02	-	*0.16*	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	17 Mar 2025	0089_MW243_250317	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	*0.01*	<0.02	-	<0.02	*0.04*	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	12 Jun 2025	0089_MW243_250612	Normal	<0.02	<0.02	<0.02	<0.02	*0.15*	<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	<0.02	<0.05
				-	<0.02	-	<0.02	*0.15*	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	<0.05
	17 Sep 2025	0089_MW243_250917	Normal	<0.02	<0.02	<0.02	<0.02	*0.64*	<0.02	<0.02	-	*0.09*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	*0.64*	<0.02	<0.02	-	*0.09*	<0.1	<0.02	<0.02	-	-	-	<0.01	-	<0.05	-	<0.02	<0.05
0089_MW245	04 Aug 2017	0089_MW245_S_170804	Normal	-	-	-	-	*0.62*	-	-	-	*0.19*	-	<0.002	<0.005	<0.001	-	<0.001	0.022	<0.002	-	<0.01	-	-
	13 Sep 2017	0089_MW245_S_170913	Normal	-	<0.002	-	0.003	*0.31*	-	0.005	-	-	<0.002	<0.002	-	<0.001	-	<0.001	-	-	<0.05	-	<0.002	-
	20 Oct 2017	0089_MW245_S_171020	Normal	<0.01	-	-	0.006	*0.55*	-	<0.01	-	*0.14*	<0.02	-	<0.05	<0.01	0.015	<0.01	<0.01	<0.02	-	<0.1	-	-
	21 Nov 2017	0089_MW245_S_171121	Normal	0.011	-	-	0.007	*0.4*	-	-	-	*0.2*	-	-	<0.005	0.001	0.01	0.001	-	-	<0.05	-	<0.002	-
	05 Dec 2017	0089_MW245_S_171205	Normal	-	<0.002	-	-	*0.37*	-	0.08	-	*0.14*	-	<0.002	-	-	-	-	0.007	<0.01	-	<0.01	<0.002	-
	19 Jan 2018	0089_MW245_S_180119	Normal	0.005	-	-	0.004	-	-	-	-	*0.078*	<0.02	<0.002	-	0.004	0.031	<0.001	0.006	<0.002	-	<0.01	<0.002	-
	14 Jan 2020	0089_MW245_200114	Normal	<0.02	-	-	-	*0.35*	-	<0.02	-	<0.02	-	-	-	-	-	<0.02	<0.01	<0.02	-	<0.02	-	-
	01 Apr 2020	0089_MW245_200401	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	16 Jul 2020	0089_MW245_200716	Normal	-	-	-	<0.02	*0.18*	-	-	-	-	-	<0.02	-	<0.02	0.04	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	21 Sep 2020	0089_MW245_200921	Normal	<0.02	-	-	-	*0.2*	-	-	-	*0.12*	<0.1	-	-	-	-	<0.02	<0.01	-	<0.05	-	-	-
	15 Dec 2020	0089_MW245_201215	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	*0.03*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	18 Mar 2021	0089_MW245_210318	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	10 Jun 2021	0089_MW245_210610	Normal	<0.02	<0.02	-	<0.02	*0.14*	-	<0.02	-	*0.05*	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	31 Aug 2021	0089_MW245_210831	Normal	<0.02	<0.02	-	<0.02	*0.07*	-	<0.02	-	*0.03*	<0.1	<0.02	<0.02	<0.02	-	-	-	-	<0.05	<0.02	-	-
	12 Jan 2022	0089_MW245_220112	Normal	<0.02	-	-	-	*0.09*	-	-	-	-	<0.1	-	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	18 Mar 2022	0089_MW245_220318	Normal	-	<0.02	-	<0.02	*0.07*	-	-	-	0.01	<0.1	-	-	<0.02	-	<0.02	-	<0.02	<0.05	-	<0.02	-
	09 Jun 2022	0089_MW245_220609	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	*0.04*	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	06 Sep 2022	0089_MW245_220906	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW245_221213	Normal	<0.02	-	-	<0.02	*0.06*	-	<0.02	-	-	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	15 Mar 2023	0089_MW245_230315	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	-	-	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	07 Jun 2023	0089_MW245_230607	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	-	-	*0.03*	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	05 Sep 2023	0089_MW245_230905	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	12 Dec 2023	0089_MW245_231212	Normal	-	-	-	<0.02	*0.02*	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	12 Mar 2024	0089_MW245_240312	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	<0.01	-	-	-	-	<0.02	<0.02	<0.01	-	-	<0.02	-	-
	29 May 2024	0089_MW245_240529	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	-	<0.02	-
	13 Dec 2024	0089_MW245_241213	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<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	<0.02	<0.05
				<0.02	-	-	<0.02	*0.01*	<0.02	<0.02	<0.02	0.02	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	17 Mar 2025	0089_MW245_250317	Normal	<0.02	<0.02	<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	<0.02	<0.05
				-	-	-	-	-	-	<0.02	<0.02	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	12 Jun 2025	0089_MW245_250612	Normal	<0.02	<0.02	<0.02	<0.02	*0.01*	<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	<0.02	<0.05
				<0.02	-	-	<0.02	*0.01*	<0.02	<0.02	<0.02	*0.03*	<0.1	-	<0.02	<0.02	-	-	-	-	<0.05	<0.02	-	<0.05
	17 Sep 2025	0089_MW245_250917	Normal	<0.02	<0.02	<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	<0.02	<0.05
				-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	-	<0.05
0089_MW247	14 Dec 2016	CT55	Normal	-	-	-	-	*10*[#3]	-	-	-	-	-	-	-	-	-	-	0.05[#3]	-	-	-	-	-
	07 Aug 2017	0089_MW247_S_170807	Normal	0.044	<0.002	-	0.05	*9.4*	-	0.087	-	*0.85*	-	-	<0.005	-	0.092	<0.001	0.086	-	<0.05	<0.01	-	-
	13 Sep 2017	0089_MW247_S_170913	Normal	-	-	-	0.076	*7.8*	-	-	-	*0.89*	<0.002	<0.002	-	0.008	0.1	<0.001	0.066	-	-	<0.01	-	-
	20 Oct 2017	0089_MW247_S_171020	Normal	-	<0.02	-	-	*11*	-	0.056	-	*0.79*	-	<0.02	<0.05	0.014	-	<0.01	-	<0.02	-	-	<0.02	-
	21 Nov 2017	0089_MW247_S_171121	Normal	-	<0.002	-	0.073	-	-	0.27	-	*0.86*	-	-	-	-	0.087	<0.001	-	0.054	<0.05	-	-	-
	05 Dec 2017	0089_MW247_S_171205	Normal	0.042	<0.002	-	0.06	-	-	-	-	*0.73*	<0.01	-	<0.005	<0.001	0.071	<0.005	0.032	<0.01	<0.05	<0.01	-	-
	19 Jan 2018	0089_MW247_S_180119	Normal	-	<0.002	-	-	-	-	0.054	-	*0.72*	<0.02	<0.002	<0.005	0.01	-	-	0.043	<0.002	<0.05	<0.01	-	-
0089_MW248	07 Aug 2017	0089_MW248_S_170807	Normal	-	<0.002	-	0.022	*0.098*	-	-	-	*0.68*	0.026	-	<0.005	0.012	0.089	<0.001	0.046	-	<0.05	<0.01	-	-
	13 Sep 2017	0089_MW248_S_170913	Normal	-	-	-	0.027	*0.1*	-	0.085	-	-	<0.002	<0.002	<0.005	0.003	0.049	-	-	0.006	<0.05	<0.01	<0.002	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	21 Nov 2017	0089_MW243_S_171121	Normal	-	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	0.001	<0.001	-	-	-	-	-	-	-
	05 Dec 2017	0089_MW243_S_171205	Normal	-	<0.002	<0.05	<0.01	-	<0.005	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	19 Jan 2018	0089_MW243_S_180119	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	14 Jan 2020	0089_MW243_200114	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	0.09	<0.05	<0.05	-	0.12	-	-	-	-
	01 Apr 2020	0089_MW243_200401	Normal	<0.05	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	16 Jul 2020	0089_MW243_200716	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	-	-	-	<0.05	-	0.1	-	-	-	-
	21 Sep 2020	0089_MW243_200921	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.06	-
	15 Dec 2020	0089_MW243_201215	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	0.03	-	-	-	0.03	-
	18 Mar 2021	0089_MW243_210318	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	-	-	-	-	0.03	-	-	0.03	-
	10 Jun 2021	0089_MW243_210610	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	-	<0.05	<0.05	-	0.77	0.77	-	-	0.77	-
	31 Aug 2021	0089_MW243_210831	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	-	-	<0.05	0.53	0.53	-	-	0.53	-
	12 Jan 2022	0089_MW243_220112	Normal	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	0.09	0.09	-	-	0.09	-
	18 Mar 2022	0089_MW243_220318	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	<0.05	-	<0.05	-	0.05	-	-	-	-
	09 Jun 2022	0089_MW243_220609	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.27	-	-	-	-	-
	06 Sep 2022	0089_MW243_220906	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	0.27	0.27	-	-	-	-
	13 Dec 2022	0089_MW243_221213	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	-	-
	15 Mar 2023	0089_MW243_230315	Normal	-	<0.02	-	<0.05	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-
	07 Jun 2023	0089_MW243_230607	Normal	-	<0.02	<0.05	-	-	-	<0.02	-	<0.05	-	-	<0.05	0.18	-	-	-	0.18	-
	05 Sep 2023	0089_MW243_230905	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	-	0.07	0.07	-	-	-	-
	12 Dec 2023	0089_MW243_231212	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	0.09	0.09	-	-	-	-
	12 Mar 2024	0089_MW243_240312	Normal	<0.05	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	0.07	0.07	-	-	0.07	-
	29 May 2024	0089_MW243_240529	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	13 Dec 2024	0089_MW243_241213	Normal	<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	-
				<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	0.16	-	-	-	-
	17 Mar 2025	0089_MW243_250317	Normal	<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	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	-	-	-	0.05	-
	12 Jun 2025	0089_MW243_250612	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.18	-	0.18	-	0.18	-
				<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.18	0.18	-	-	0.18	-
	17 Sep 2025	0089_MW243_250917	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.73	-	0.73	-	0.73	-
				<0.05	-	<0.05	<0.05	-	<0.05	-	-	-	-	<0.05	<0.05	0.73	-	-	-	0.73	-
0089_MW245	04 Aug 2017	0089_MW245_S_170804	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW245_S_170913	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW245_S_171020	Normal	-	-	-	-	<0.02	<0.05	<0.1	-	-	-	-	<0.01	-	-	-	-	-	-
	21 Nov 2017	0089_MW245_S_171121	Normal	<0.01	-	<0.05	<0.005	<0.002	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW245_S_171205	Normal	-	<0.002	-	-	<0.002	-	-	-	<0.005	0.02	<0.001	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW245_S_180119	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	14 Jan 2020	0089_MW245_200114	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	-	-	<0.05	-	0.35	-	-	-	-	-
	01 Apr 2020	0089_MW245_200401	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.04	-	-	0.04	-
	16 Jul 2020	0089_MW245_200716	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	-	<0.05	<0.05	0.38	-	-	-	0.34	-
	21 Sep 2020	0089_MW245_200921	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.36	-	-	0.32	-
	15 Dec 2020	0089_MW245_201215	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	0.18	0.18	-	-	-	-
	18 Mar 2021	0089_MW245_210318	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	-	-	-	0.08	-	-	0.08	-
	10 Jun 2021	0089_MW245_210610	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.19	-	-	-	-	-
	31 Aug 2021	0089_MW245_210831	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	-	0.1	-	-	-	-
	12 Jan 2022	0089_MW245_220112	Normal	-	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	-	0.09	-	-	0.09	-
	18 Mar 2022	0089_MW245_220318	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	-	-	0.08	-	-	-	-	-
	09 Jun 2022	0089_MW245_220609	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	-	<0.05	-	-	0.07	-	-	0.07	-
	06 Sep 2022	0089_MW245_220906	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.08	-	-	-	0.08	-
	13 Dec 2022	0089_MW245_221213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	-	<0.05	0.06	0.06	-	-	-	-
	15 Mar 2023	0089_MW245_230315	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.04	0.04	-	-	0.04	-
	07 Jun 2023	0089_MW245_230607	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	-	<0.05	<0.05	-	-	0.05	-	-	-	-
	05 Sep 2023	0089_MW245_230905	Normal	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	0.03	-	-	-	0.03	-
	12 Dec 2023	0089_MW245_231212	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	-	-
	12 Mar 2024	0089_MW245_240312	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	29 May 2024	0089_MW245_240529	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	13 Dec 2024	0089_MW245_241213	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	0.03	0.03	-	-	0.03	-
	17 Mar 2025	0089_MW245_250317	Normal	<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	-
				-	-	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.02	-	-	0.02	-
	12 Jun 2025	0089_MW245_250612	Normal	<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	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.04	-	-	-	0.04	-
	17 Sep 2025	0089_MW245_250917	Normal	<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	-
				-	<0.02	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-	<0.05	-	0.02	-	-	0.02	-
0089_MW247	14 Dec 2016	CT55	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07 Aug 2017	0089_MW247_S_170807	Normal	<0.01	<0.002	-	<0.005	-	<0.005	<0.01	-	0.004	0.013	<0.001	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW247_S_170913	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	0.008	-	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW247_S_171020	Normal	<0.1	<0.02	<0.05	<0.05	-	-	<0.1	-	<0.01	0.008	<0.01	-	-	-	-	-	-	-
	21 Nov 2017	0089_MW247_S_171121	Normal	<0.01	<0.002	-	-	<0.002	-	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW247_S_171205	Normal	<0.02	-	<0.05	-	<0.002	-	<0.01	-	<0.005	0.009	<0.001	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW247_S_180119	Normal	-	-	<0.05	0.08	<0.002	<0.005	-	-	-	0.003	<0.001	-	-	-	-	-	-	-
0089_MW248	07 Aug 2017	0089_MW248_S_170807	Normal	<0.01	<0.002	-	-	-	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW248_S_170913	Normal	-	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	20 Oct 2017	0089_MW248_S_171020	Normal	0.13	-	-	0.024	-	-	-	-	*0.39*	<0.002	<0.002	<0.005	0.009	0.11	<0.001	0.024	0.037	<0.05	-	-	-
	21 Nov 2017	0089_MW248_S_171121	Normal	0.28	<0.002	-	0.021	*0.093*	-	-	-	*0.58*	-	<0.002	<0.005	0.014	0.2	-	0.026	0.062	-	<0.01	<0.002	-
	05 Dec 2017	0089_MW248_S_171205	Normal	0.2	-	-	0.02	*0.056*	-	-	-	*0.34*	<0.01	<0.002	-	0.009	-	<0.001	-	-	<0.05	-	<0.002	-
	19 Jan 2018	0089_MW248_S_180119	Normal	-	<0.002	-	-	*0.081*	-	-	-	-	-	<0.002	<0.005	0.022	-	-	0.027	0.041	<0.05	-	<0.002	-
	08 Jan 2020	0089_MW248_200108	Normal	0.12	-	-	0.05	*2.22*	-	-	-	-	-	<0.02	<0.02	0.03	-	-	0.06	<0.02	<0.05	<0.02	-	-
		0089_QC103_200108	Field_D	-	-	-	0.05	*2.09*	-	0.12	-	-	-	-	<0.02	-	-	<0.02	-	<0.02	<0.05	<0.02	-	-
		0089_QC203_200108	Interlab_D	-	<0.01	-	0.05	*2*	0.19	-	<0.01	*0.93*	<0.05	<0.01	<0.01	0.04	0.21	-	0.07	-	<0.01	<0.01	-	-
	01 Apr 2020	0089_MW248_200401	Normal	<0.02	<0.02	-	-	-	-	-	-	*0.16*	<0.1	<0.02	-	-	0.03	<0.02	-	<0.02	-	-	-	-
	22 Jul 2020	0089_MW248_200722	Normal	-	<0.02	-	0.11	*1.77*	-	-	-	*1.7*	<0.1	-	<0.02	0.06	-	<0.02	-	-	-	<0.02	<0.02	-
	21 Sep 2020	0089_MW248_200921	Normal	-	<0.02	-	0.02	-	-	0.15	-	*0.86*	<0.1	-	<0.02	-	0.11	<0.02	-	<0.02	-	-	-	-
	15 Dec 2020	0089_MW248_201215	Normal	-	<0.02	-	0.03	*0.47*	-	-	-	*0.99*	-	-	<0.02	0.04	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	18 Mar 2021	0089_MW248_210318	Normal	0.15	<0.02	-	0.05	-	-	0.12	-	-	0.8	-	<0.02	0.05	0.3	<0.02	0.1	-	-	<0.02	<0.02	-
	09 Jun 2021	0089_MW248_210609	Normal	0.19	<0.02	-	-	*0.66*	-	0.18	-	*1.48*	<0.1	<0.02	<0.02	-	0.25	<0.02	-	<0.02	-	<0.02	<0.02	-
	12 Jan 2022	0089_MW248_220112	Normal	-	-	-	0.06	*1.38*	-	0.1	-	*1.07*	<0.1	<0.02	<0.02	0.04	-	<0.02	-	0.04	-	<0.02	<0.02	-
0089_MW249	07 Aug 2017	0089_MW249_S_170807	Normal	0.014	<0.002	-	0.012	*0.45*	-	0.065	-	*1.8*	<0.002	-	-	0.017	-	-	-	<0.002	<0.05	-	<0.002	-
	13 Sep 2017	0089_MW249_S_170913	Normal	-	<0.002	-	-	*0.57*	-	0.052	-	*1.7*	-	-	<0.005	-	0.14	-	0.052	0.008	<0.05	<0.01	<0.002	-
	20 Oct 2017	0089_MW249_S_171020	Normal	0.012	<0.002	-	0.044	*0.57*	-	0.06	-	-	0.004	<0.002	<0.005	0.014	0.13	<0.001	0.083	0.01	<0.05	<0.01	<0.002	-
	21 Nov 2017	0089_MW249_S_171121	Normal	-	<0.002	-	0.021	-	-	0.04	-	-	0.003	-	<0.005	-	0.1	<0.001	0.06	0.007	-	-	<0.002	-
	05 Dec 2017	0089_MW249_S_171205	Normal	-	-	-	0.021	-	-	0.042	-	*1.4*	0.004	-	<0.005	0.01	0.13	<0.001	0.069	0.009	<0.05	-	<0.002	-
	19 Jan 2018	0089_MW249_S_180119	Normal	-	<0.002	-	-	*0.21*	-	0.03	-	*0.6*	<0.002	<0.002	<0.005	0.005	-	<0.001	-	0.004	<0.05	-	<0.002	-
	08 Jan 2020	0089_MW249_200108	Normal	<0.02	-	-	-	-	-	<0.02	-	*0.28*	-	-	-	-	<0.02	-	-	<0.02	<0.05	-	-	-
	30 Mar 2020	0089_MW249_200330	Normal	-	<0.02	-	<0.02	*0.07*	-	-	-	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	-	<0.05	-	-	-
	16 Jul 2020	0089_MW249_200716	Normal	-	<0.02	-	-	-	-	<0.02	-	*0.07*	<0.1	<0.02	<0.02	-	<0.02	-	-	-	<0.05	-	<0.02	-
		0089_QC110_200716	Field_D	-	<0.02	-	-	*0.11*	-	<0.02	-	*0.09*	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	20 Jul 2020	0089_QC210_200716	Interlab_D	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-	<0.01	<0.01	-	-	-	-	-	<0.01	<0.01	-
	21 Sep 2020	0089_MW249_200921	Normal	-	<0.02	-	<0.02	-	-	0.03	-	-	-	<0.02	<0.02	-	-	-	0.03	<0.02	-	<0.02	<0.02	-
		0089_QC109_200921	Field_D	<0.02	<0.02	-	<0.02	*0.5*	-	0.02	-	-	<0.1	<0.02	<0.02	<0.02	0.03	-	-	<0.02	-	<0.02	<0.02	-
		0089_QC209_200921	Interlab_D	<0.01	-	-	-	-	<0.01	-	<0.01	-	<0.05	<0.01	-	<0.01	-	<0.01	-	<0.01	<0.01	-	<0.01	-
	15 Dec 2020	0089_MW249_201215	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	*0.15*	<0.1	<0.02	-	-	-	-	-	<0.02	<0.05	<0.02	<0.02	-
	15 Mar 2021	0089_MW249_210315	Normal	<0.02	<0.02	-	<0.02	*0.06*	-	<0.02	-	*0.11*	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	-	-
	09 Jun 2021	0089_MW249_210609	Normal	<0.02	<0.02	-	-	*0.08*	-	-	-	*0.14*	-	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	31 Aug 2021	0089_MW249_210831	Normal	-	<0.02	-	<0.02	*0.14*	-	<0.02	-	*0.13*	<0.1	<0.02	-	-	-	<0.02	-	<0.02	-	<0.02	<0.02	-
	12 Jan 2022	0089_MW249_220112	Normal	-	<0.02	-	-	-	-	<0.02	-	-	-	<0.02	<0.02	<0.02	0.04	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	17 Mar 2022	0089_MW249_220317	Normal	-	<0.02	-	-	*0.03*	-	-	-	-	<0.1	-	<0.02	-	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	08 Jun 2022	0089_MW249_220608	Normal	<0.02	<0.02	-	<0.02	*0.03*	-	0.02	-	*0.21*	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	-	<0.05	-	<0.02	-
	06 Sep 2022	0089_MW249_220906	Normal	<0.02	<0.02	-	<0.02	*0.08*	-	-	-	-	-	<0.02	<0.02	-	0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	13 Dec 2022	0089_MW249_221213	Normal	<0.02	<0.02	-	-	*0.1*	-	-	-	*0.22*	<0.1	-	<0.02	<0.02	0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	13 Mar 2023	0089_MW249_230313	Normal	-	<0.02	-	-	*0.05*	-	-	-	*0.23*	<0.1	-	<0.02	<0.02	0.02	-	<0.01	<0.02	-	-	-	-
	06 Jun 2023	0089_MW249_230606	Normal	<0.02	<0.02	-	-	*0.03*	-	<0.02	-	-	-	-	-	<0.02	-	<0.02	<0.01	-	-	-	-	-
	04 Sep 2023	0089_MW249_230904	Normal	-	<0.02	-	-	*0.11*	-	<0.02	-	*0.25*	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC106_230904	Field_D	<0.02	<0.02	-	<0.02	*0.11*	-	<0.02	-	*0.25*	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
		0089_QC206_230904	Interlab_D	<0.01	-	-	<0.01	*0.12*[#1]	<0.01	<0.01	<0.01	*0.25*[#1]	<0.05	<0.01	-	<0.01	<0.01	-	-	-	<0.01	-	-	-
	12 Dec 2023	0089_MW249_231212	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	*0.21*	-	-	<0.02	<0.02	-	-	<0.01	<0.02	-	-	-	-
	13 Mar 2024	0089_MW249_240313	Normal	<0.02	-	-	<0.02	*0.03*	-	-	-	-	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	29 May 2024	0089_MW249_240529	Normal	-	-	-	-	*0.02*	-	<0.02	-	*0.24*	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	13 Dec 2024	0089_MW249_241213	Normal	<0.02	<0.02	<0.02	<0.02	*0.10*	<0.02	<0.02	-	*0.18*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	*0.1*	<0.02	-	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	17 Mar 2025	0089_MW249_250317	Normal	<0.02	<0.02	<0.02	<0.02	*0.02*	<0.02	<0.02	-	*0.13*	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	-	-	<0.02	<0.02	<0.02	*0.13*	-	<0.02	-	-	0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	04 Jun 2025	0089_MW249_250604	Normal	<0.02	<0.02	<0.02	<0.02	*0.02*	<0.02	<0.02	-	*0.14*	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	-	<0.02	<0.02	*0.14*	<0.1	-	<0.02	-	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC102_250604	Field_D	<0.02	<0.02	<0.02	<0.02	*0.02*	<0.02	<0.02	-	*0.13*	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
		0089_QC202_250604	Interlab_D	0.02	<0.01	<0.01	<0.01	*0.77*[#1]	<0.01	0.02[#1]	-	*0.19*[#1]	<0.05	<0.01	<0.01	<0.05	0.04	<0.01	0.01[#1]	<0.01	<0.01	<0.01	<0.01	-
0089_MW250	04 Aug 2017	0089_MW250_S_170804	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	-	<0.005	<0.001	<0.001	<0.001	<0.001	-	-	<0.01	<0.002	-
	13 Sep 2017	0089_MW250_S_170913	Normal	<0.001	<0.002	-	-	-	-	<0.001	-	0.003	<0.002	-	-	-	-	-	<0.001	-	-	-	-	-
	19 Oct 2017	0089_QC2MW_171020	Interlab_D	-	<0.01	-	-	<0.01	-	<0.01	-	<0.01	-	<0.01	-	<0.01	-	<0.01	-	-	<0.01	-	<0.01	-
	20 Oct 2017	0089_MW250_S_171020	Normal	<0.001	<0.002	-	<0.001	-	-	-	-	<0.001	<0.002	<0.002	-	-	<0.001	-	-	<0.002	-	-	-	-
		0089_QC1MW_171020	Field_D	<0.001	<0.002	-	-	<0.001	-	<0.001	-	<0.001	<0.002	-	<0.005	-	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	21 Nov 2017	0089_MW250_S_171121	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	0.002	-	-	<0.005	<0.001	<0.001	<0.001	-	<0.002	<0.05	<0.01	-	-
	08 Dec 2017	0089_MW250_S_171208	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	<0.05	-	-	-
	19 Jan 2018	0089_MW250_S_180119	Normal	<0.001	<0.002	-	<0.001	<0.001	-	-	-	<0.001	<0.002	-	<0.005	<0.001	-	<0.001	-	<0.002	-	-	-	-
0089_MW255	04 Aug 2017	0089_MW255_S_170804	Normal	0.71	<0.002	-	0.031	-	-	1	-	*1*	0.16	-	-	0.1	1.4	<0.001	0.043	-	-	-	<0.002	-
	13 Sep 2017	0089_MW255_S_170913	Normal	-	-	-	0.015	-	-	-	-	-	0.27	<0.002	<0.005	0.097	-	<0.001	-	-	<0.05	-	-	-
	20 Oct 2017	0089_MW255_S_171020	Normal	-	<0.002	-	-	*1*	-	1	-	-	-	<0.002	<0.005	0.093	2.6	<0.001	0.045	0.74	-	<0.01	-	-
	21 Nov 2017	0089_MW255_S_171121	Normal	*2.5*	-	-	0.019	*0.76*	-	1.5	-	*0.7*	0.46	<0.002	-	0.086	-	<0.001	-	-	-	-	<0.002	-
	08 Dec 2017	0089_MW255_S_171208	Normal	-	<0.002	-	0.014	-	-	1.9	-	*0.64*	0.46	<0.002	<0.005	0.098	4.2	-	0.044	0.7	<0.05	<0.01	-	-
	19 Jan 2018	0089_MW255_S_180119	Normal	*2.1*	<0.002	-	0.02	*0.9*	-	1.2	-	*0.71*	0.4	-	<0.005	0.11	4	<0.001	0.043	-	-	<0.01	-	-
	16 Jul 2020	0089_MW255_200716	Normal	-	<0.02	-	<0.02	-	-	-	-	-	-	-	-	0.06	0.3	<0.02	0.03	0.07	-	-	<0.02	-
		0089_QC109_200716	Field_D	0.09	-	-	<0.02	*1.07*	-	0.21	-	*1.4*	<0.1	-	-	0.07	-	-	0.04	0.07	-	<0.02	<0.02	-
	20 Jul 2020	0089_QC209_200716	Interlab_D	-	0.02	-	-	-	-	0.15[#1]	<0.01	-	-	-	<0.01	0.07	0.27	<0.01	-	-	0.01	-	-	-
	22 Sep 2020	0089_MW255_200922	Normal	0.45	<0.02	-	-	-	-	1.54	-	*14.2*	0.1	<0.02	<0.02	0.63	-	<0.02	0.06	-	<0.05	-	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	20 Oct 2017	0089_MW248_S_171020	Normal	<0.1	-	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	21 Nov 2017	0089_MW248_S_171121	Normal	<0.01	<0.002	-	-	-	-	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW248_S_171205	Normal	<0.02	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.005	<0.001	-	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW248_S_180119	Normal	-	-	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-
	08 Jan 2020	0089_MW248_200108	Normal	-	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	-	3.56	-	-	3.12	-
		0089_QC103_200108	Field_D	-	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	3.6	-	-	-	2.99	-
		0089_QC203_200108	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	-	<0.05	-	-	<0.05	-	-	-	3.37	-	2.07	2.93	-
	01 Apr 2020	0089_MW248_200401	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.53	-	-	-	0.49	-
	22 Jul 2020	0089_MW248_200722	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	-	-	<0.05	<0.05	4.69	-	-	-	-	-
	21 Sep 2020	0089_MW248_200921	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	2.59	2.42	-	-	-	-
	15 Dec 2020	0089_MW248_201215	Normal	<0.05	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	-	1.91	-	-	-	-
	18 Mar 2021	0089_MW248_210318	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	3.39	3.22	-	-	1.78	-
	09 Jun 2021	0089_MW248_210609	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	3.04	2.77	-	-	-	-
	12 Jan 2022	0089_MW248_220112	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	3.26	3.1	-	-	2.45	-
0089_MW249	07 Aug 2017	0089_MW249_S_170807	Normal	-	-	-	-	<0.002	<0.005	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
	13 Sep 2017	0089_MW249_S_170913	Normal	<0.01	-	-	<0.005	<0.002	<0.005	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	20 Oct 2017	0089_MW249_S_171020	Normal	<0.1	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	0.004	-	<0.001	-	-	-	-	-	-
	21 Nov 2017	0089_MW249_S_171121	Normal	<0.01	-	-	<0.005	<0.002	-	<0.01	-	-	0.001	-	<0.001	-	-	-	-	-	-
	05 Dec 2017	0089_MW249_S_171205	Normal	<0.02	-	-	<0.01	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW249_S_180119	Normal	-	<0.002	<0.05	<0.005	-	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW249_200108	Normal	<0.05	-	<0.05	-	<0.02	<0.05	-	-	<0.05	-	<0.05	-	-	0.44	-	-	0.44	-
	30 Mar 2020	0089_MW249_200330	Normal	<0.05	-	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.19	-	-	-	0.19	-
	16 Jul 2020	0089_MW249_200716	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.05	-	<0.05	0.16	0.16	-	-	0.16	-
		0089_QC110_200716	Field_D	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.2	-	-	0.2	-
	20 Jul 2020	0089_QC210_200716	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	-	-	-	<0.05	<0.01	<0.01	0.14	0.14	-	0.06	0.14	-
	21 Sep 2020	0089_MW249_200921	Normal	<0.05	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-	-	1.38	1.35	-	-	-	-
		0089_QC109_200921	Field_D	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	-	-	-	-	-	1.34	-
		0089_QC209_200921	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	1.03	-	-	0.4	0.97	0.99
	15 Dec 2020	0089_MW249_201215	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.3	0.3	-	-	0.3	-
	15 Mar 2021	0089_MW249_210315	Normal	-	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	-	0.17	0.17	-	-	0.17	-
	09 Jun 2021	0089_MW249_210609	Normal	<0.05	-	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	-	-	0.22	0.22	-	-	0.22	-
	31 Aug 2021	0089_MW249_210831	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	0.29	-	-	-	-
	12 Jan 2022	0089_MW249_220112	Normal	-	-	<0.05	-	<0.02	-	-	-	-	<0.05	<0.05	<0.05	0.3	0.3	-	-	-	-
	17 Mar 2022	0089_MW249_220317	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.1	0.1	-	-	-	-
	08 Jun 2022	0089_MW249_220608	Normal	-	-	-	-	-	<0.05	-	-	<0.05	-	<0.05	-	-	0.24	-	-	0.24	-
	06 Sep 2022	0089_MW249_220906	Normal	-	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.26	-	-	0.23	-
	13 Dec 2022	0089_MW249_221213	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.34	-	-	-	-
	13 Mar 2023	0089_MW249_230313	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.3	0.3	-	-	0.28	-
	06 Jun 2023	0089_MW249_230606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	0.24	-	-	-	-	-
	04 Sep 2023	0089_MW249_230904	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.36	-
		0089_QC106_230904	Field_D	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	0.36	-	-	-	-
		0089_QC206_230904	Interlab_D	<0.05	-	<0.05	<0.05	-	-	<0.05	-	<0.01	<0.05	-	<0.01	0.37	0.37	-	0.12	0.37	0.37
	12 Dec 2023	0089_MW249_231212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-
	13 Mar 2024	0089_MW249_240313	Normal	<0.05	-	-	-	<0.02	-	<0.02	-	<0.05	-	-	-	-	0.31	-	-	0.29	-
	29 May 2024	0089_MW249_240529	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	-	-	0.26	0.26	-	-	0.26	-
	13 Dec 2024	0089_MW249_241213	Normal	<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	-	0.28	-
				<0.05	-	-	-	<0.02	-	<0.02	-	-	-	<0.05	<0.05	-	0.28	-	-	0.28	-
	17 Mar 2025	0089_MW249_250317	Normal	<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	-	0.15	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.17	0.17	-	-	0.15	-
	04 Jun 2025	0089_MW249_250604	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.18	-	0.18	-	0.16	-
				<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	0.18	0.18	-	-	-	-
		0089_QC102_250604	Field_D	<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	-	0.15	-
		0089_QC202_250604	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	1.1	<0.01	<0.01	2.15	-	2.13	0.78	0.96	0.97
0089_MW250	04 Aug 2017	0089_MW250_S_170804	Normal	<0.01	<0.002	<0.05	<0.005	-	-	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
	13 Sep 2017	0089_MW250_S_170913	Normal	-	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-
	19 Oct 2017	0089_QC2MW_171020	Interlab_D	-	<0.05	-	-	-	-	<0.05	-	<0.01	-	<0.01	-	<0.1	-	-	-	-	-
	20 Oct 2017	0089_MW250_S_171020	Normal	<0.1	<0.002	<0.05	<0.05	-	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_QC1MW_171020	Field_D	<0.1	-	-	-	-	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	21 Nov 2017	0089_MW250_S_171121	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	-	-	<0.001	-	-	-	-	-	-	-	-	-
	08 Dec 2017	0089_MW250_S_171208	Normal	-	<0.002	<0.05	-	<0.002	-	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	19 Jan 2018	0089_MW250_S_180119	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
0089_MW255	04 Aug 2017	0089_MW255_S_170804	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW255_S_170913	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW255_S_171020	Normal	-	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	21 Nov 2017	0089_MW255_S_171121	Normal	<0.01	-	<0.05	-	-	<0.005	<0.01	-	<0.001	0.002	<0.001	<0.001	-	-	-	-	-	-
	08 Dec 2017	0089_MW255_S_171208	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW255_S_180119	Normal	<0.01	-	-	-	<0.002	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	16 Jul 2020	0089_MW255_200716	Normal	<0.05	<0.02	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	-	2.59	-	-	2.04	-
		0089_QC109_200716	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	3.28	3.07	-	-	2.47	-
	20 Jul 2020	0089_QC209_200716	Interlab_D	-	-	<0.05	<0.05	-	-	<0.05	-	0.01	<0.05	<0.01	-	2.92	2.61	-	-	1.99	-
	22 Sep 2020	0089_MW255_200922	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	20	-	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC114_200922	Field_D	-	<0.02	-	-	*1.57*	-	1.2	-	*14*	0.2	<0.02	-	0.62	-	-	0.07	0.31	<0.05	-	<0.02	-
		0089_QC214_200921	Interlab_D	0.28	-	-	0.03[#1]	-	-	0.79[#1]	<0.01	*9.7*[#1]	0.12	<0.01	-	-	0.99	<0.01	-	0.18	-	-	<0.01	-
	16 Dec 2020	0089_MW255_201216	Normal	-	<0.02	-	<0.02	-	-	0.22	-	-	<0.1	<0.02	<0.02	-	0.31	-	0.02	0.07	<0.05	-	-	-
	17 Mar 2021	0089_MW255_210317	Normal	0.1	<0.02	-	-	*0.65*	-	-	-	-	<0.1	<0.02	-	0.03	-	-	0.02	0.04	<0.05	<0.02	<0.02	-
	10 Jun 2021	0089_MW255_210610	Normal	0.07	<0.02	-	-	*0.53*	-	0.08	-	*1.15*	-	<0.02	<0.02	0.04	0.17	-	0.01	0.04	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW255_210831	Normal	0.12	-	-	-	*0.9*	-	0.47	-	-	<0.1	<0.02	<0.02	0.19	0.44	<0.02	-	0.08	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW255_220110	Normal	-	-	-	-	-	-	-	-	*0.66*	<0.1	-	<0.02	-	-	<0.02	-	-	<0.05	-	<0.02	-
	17 Mar 2022	0089_MW255_220317	Normal	-	<0.02	-	<0.02	-	-	-	-	*0.55*	-	<0.02	-	<0.02	-	<0.02	0.01	-	<0.05	-	-	-
	09 Jun 2022	0089_MW255_220609	Normal	<0.05[#2]	<0.02	-	-	*0.14*	-	-	-	*1.4*	-	-	-	<0.05[#2]	0.1	-	<0.05[#2]	-	<0.05	-	<0.02	-
	06 Sep 2022	0089_MW255_220906	Normal	-	<0.02	-	<0.02	-	-	-	-	*0.94*	-	-	<0.02	-	0.52	-	0.03	0.09	<0.05	-	-	-
	13 Dec 2022	0089_MW255_221213	Normal	-	-	-	<0.02	*0.55*	-	0.43	-	*10.6*	-	<0.02	-	-	0.58	<0.02	0.03	0.1	-	-	<0.02	-
	13 Mar 2023	0089_MW255_230313	Normal	0.44	<0.02	-	<0.02	*0.34*	-	0.32	-	*5.23*	0.1	<0.02	<0.02	-	-	<0.02	-	0.21	-	<0.02	<0.02	-
	06 Jun 2023	0089_MW255_230606	Normal	0.4	-	-	<0.02	*0.32*	-	-	-	-	0.1	<0.02	-	-	-	<0.02	0.04	-	-	<0.02	-	-
	05 Sep 2023	0089_MW255_230905	Normal	-	<0.02	-	0.04	*0.65*	-	-	-	*11.4*	-	<0.02	-	-	1.21	-	0.05	0.22	<0.05	<0.02	<0.02	-
	13 Dec 2023	0089_MW255_231213	Normal	-	<0.02	-	<0.02	*0.3*	-	0.48	-	-	0.1	<0.02	<0.02	0.08	-	-	-	-	-	-	-	-
	12 Mar 2024	0089_MW255_240312	Normal	0.49	<0.02	-	0.02	*0.41*	-	-	-	*13.1*	-	<0.02	-	-	1	<0.02	0.06	-	<0.05	<0.02	<0.02	-
	28 May 2024	0089_MW255_240528	Normal	0.37	-	-	-	*0.34*	-	-	-	-	0.2	-	-	0.17	0.79	<0.02	0.05	0.21	<0.05	-	<0.02	-
	13 Dec 2024	0089_MW255_241213	Normal	0.64	<0.02	<0.02	<0.02	*0.34*	0.22	0.52	-	*8.10*	0.2	<0.02	<0.02	0.12	1.14	<0.02	0.03	0.26	<0.05	<0.02	<0.02	<0.05
				0.64	<0.02	-	<0.02	*0.34*	-	0.52	<0.02	*8.1*	0.2	-	<0.02	0.12	1.14	<0.02	0.03	0.26	<0.05	-	<0.02	-
	18 Mar 2025	0089_MW255_250318	Normal	0.42	<0.02	<0.02	<0.02	*0.50*	0.14	0.46	-	*7.87*	0.1	<0.02	<0.02	0.13	0.87	<0.02	0.05	0.21	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	-	0.14	0.46	-	*7.87*	-	<0.02	<0.02	0.13	-	<0.02	0.05	0.21	<0.05	-	<0.02	<0.05
	03 Jun 2025	0089_MW255_250603	Normal	0.58	<0.02	<0.02	<0.02	*0.24*	0.19	0.53	-	*2.46*	0.2	<0.02	<0.02	0.07	1.08	<0.02	0.03	0.24	<0.05	<0.02	<0.02	<0.05
				0.58	-	-	-	*0.24*	0.19	0.53	-	-	0.2	<0.02	-	0.07	1.08	<0.02	0.03	0.24	<0.05	<0.02	<0.02	-
	15 Sep 2025	0089_MW255_250915	Normal	0.05	<0.02	<0.02	<0.02	*0.30*	<0.02	0.12	-	*4.56*	<0.1	<0.02	<0.02	0.06	0.32	<0.02	0.03	0.06	<0.05	<0.02	<0.02	<0.05
				0.05	-	-	<0.02	*0.3*	<0.02	-	-	*4.56*	<0.1	-	<0.02	0.06	0.32	<0.02	-	-	-	<0.02	<0.02	<0.05
0089_MW256	04 Aug 2017	0089_MW256_S_170804	Normal	0.042	-	-	0.028	-	-	0.043	-	*0.49*	0.049	<0.002	<0.005	0.063	-	-	0.095	0.08	-	-	<0.002	-
	13 Sep 2017	0089_MW256_S_170913	Normal	-	-	-	0.017	*4.5*	-	0.035	-	*0.49*	0.062	<0.002	<0.005	-	0.16	0.006	0.093	0.077	-	<0.01	<0.002	-
	20 Oct 2017	0089_MW256_S_171020	Normal	0.067	<0.002	-	-	-	-	0.084	-	*0.61*	-	<0.002	-	0.082	0.26	0.01	0.15	-	-	<0.01	<0.002	-
	21 Nov 2017	0089_MW256_S_171121	Normal	0.1	-	-	0.088	*2.4*	-	0.12	-	-	0.068	<0.002	<0.005	-	-	0.011	-	0.2	<0.05	<0.01	<0.002	-
	08 Dec 2017	0089_MW256_S_171208	Normal	0.1	<0.002	-	0.063	*3.6*	-	-	-	*1.1*	0.078	<0.002	<0.005	0.18	-	-	0.19	0.16	<0.05	<0.01	<0.002	-
	19 Jan 2018	0089_MW256_S_180119	Normal	0.093	-	-	0.11	-	-	-	-	*0.98*	0.074	<0.002	<0.005	-	-	0.012	-	0.12	<0.05	-	<0.002	-
	30 Mar 2020	0089_MW256_200330	Normal	*1.08*	<0.02	-	0.44	*8.05*	-	1.13	-	-	0.2	<0.02	<0.02	-	-	0.04	*0.67*	-	<0.05	<0.02	<0.02	-
	16 Jul 2020	0089_MW256_200716	Normal	0.6	0.05	-	0.22	*6.96*	-	0.9	-	*4.95*	0.1	<0.02	<0.02	0.19	1.6	0.02	*0.31*	-	<0.05	-	-	-
	22 Sep 2020	0089_MW256_200922	Normal	0.48	-	-	-	*14.3*	-	-	-	*7.71*	-	<0.02	-	-	-	0.02	*0.6*	-	-	<0.02	<0.02	-
	14 Dec 2020	0089_MW256_201214	Normal	-	<0.02	-	0.3	-	-	0.3	-	*3.47*	0.1	<0.02	<0.02	0.11	-	-	*0.29*	-	-	-	<0.02	-
	17 Mar 2021	0089_MW256_210317	Normal	-	<0.02	-	0.29	-	-	0.32	-	-	<0.1	<0.02	<0.02	0.12	1.38	<0.02	*0.29*	0.34	-	<0.02	<0.02	-
	10 Jun 2021	0089_MW256_210610	Normal	-	-	-	2.11	*36.2*	-	-	-	*38.8*	-	<0.02	<0.02	-	3.96	-	*2.34*	0.67	-	<0.02	<0.02	-
		0089_QC113_210610	Field_D	*1.4*	-	-	-	-	-	2.68	-	*34.4*	0.3	<0.02	<0.02	-	4.21	-	*2.45*	-	<0.05	<0.02	<0.02	-
		0089_QC213_210610	Interlab_D	*1.8*[#1]	-	-	-	*29*[#1]	-	3[#1]	<0.01	*27*[#1]	-	-	<0.01	0.77	-	0.11	-	-	<0.01	-	<0.01	-
	31 Aug 2021	0089_MW256_210831	Normal	*1.67*	-	-	-	-	-	-	-	*6.42*	0.6	<0.02	-	-	-	<0.02	*0.45*	0.78	-	<0.02	-	-
	10 Jan 2022	0089_MW256_220110	Normal	0.67	<0.02	-	0.32	*8.18*	-	0.57	-	*4.99*	0.4	<0.02	-	0.2	3.02	<0.02	*0.39*	0.67	-	-	<0.02	-
		0089_QC110_220110	Field_D	0.62	-	-	-	-	-	0.54	-	-	0.4	-	<0.02	0.19	2.79	<0.02	*0.37*	-	-	-	<0.02	-
		0089_QC210_220110	Interlab_D	0.42	<0.01[#1]	-	0.24[#1]	-	0.39	-	-	*3.4*[#1]	0.34	<0.01	<0.01	0.13[#1]	1.5	-	-	-	-	<0.01	-	-
	17 Mar 2022	0089_MW256_220317	Normal	-	0.02	-	0.55	-	-	1.54	-	-	-	<0.02	-	0.41	5.22	0.02	*0.72*	-	<0.05	-	-	-
	09 Jun 2022	0089_MW256_220609	Normal	0.51	<0.02	-	-	*10.7*	-	0.44	-	-	-	<0.02	<0.02	-	1.32	-	*0.42*	0.4	<0.05	<0.02	-	-
	06 Sep 2022	0089_MW256_220906	Normal	-	<0.02	-	0.15	*9.1*	-	0.41	-	-	-	<0.02	<0.02	0.11	1.19	-	0.19	0.59	-	<0.02	<0.02	-
	13 Dec 2022	0089_MW256_221213	Normal	*1.56*	-	-	0.11	*3.59*	-	0.61	-	-	-	<0.02	<0.02	0.14	1.86	<0.02	0.18	-	-	<0.02	<0.02	-
	13 Mar 2023	0089_MW256_230313	Normal	*1.51*	-	-	0.18	*5.19*	-	0.93	-	*6.48*	-	<0.02	-	0.27	3.4	-	-	-	<0.05	-	<0.02	-
	06 Jun 2023	0089_MW256_230606	Normal	0.77	-	-	0.35	*11.2*	-	-	-	-	-	<0.02	<0.02	0.19	1.73	-	*0.67*	0.45	-	-	-	-
	05 Sep 2023	0089_MW256_230905	Normal	-	<0.02	-	0.26	*5.69*	-	1.67	-	-	-	-	<0.02	0.27	3.6	-	*0.31*	0.72	-	<0.02	-	-
	13 Dec 2023	0089_MW256_231213	Normal	*2.62*	-	-	-	-	-	-	-	-	0.7	-	-	-	5.5	<0.02	*0.34*	0.9	<0.05	-	<0.02	-
	12 Mar 2024	0089_MW256_240312	Normal	*4.81*	-	-	-	*7.09*	-	4.99	-	*24*	-	<0.02	<0.02	0.92	10.3	<0.02	*0.97*	-	-	<0.02	<0.02	-
	28 May 2024	0089_MW256_240528	Normal	*6.66*	0.03	-	1.23	*16.8*	-	6.74	-	*26.8*	1.3	<0.02	<0.02	1.29	12	0.03	*1.44*	-	<0.05	-	-	-
	13 Dec 2024	0089_MW256_241213	Normal	*2.39*	<0.02	0.10	0.21	*5.47*	0.83	2.25	-	*8.68*	0.6	<0.02	<0.02	0.40	4.77	<0.02	*0.36*	1.11	<0.05	<0.02	<0.02	<0.05
				2.39	-	-	0.21	*5.47*	0.83	-	-	-	0.6	<0.02	<0.02	-	4.77	<0.02	*0.36*	1.11	-	<0.02	<0.02	-
	18 Mar 2025	0089_MW256_250318	Normal	*1.77*	<0.02	0.13	0.22	*9.13*	0.55	1.76	-	*7.91*	0.5	<0.02	<0.02	0.32	3.60	<0.02	*0.34*	0.84	<0.05	<0.02	<0.02	<0.05
				1.77	-	-	0.22	*9.13*	0.55	1.76	0.13	*7.91*	0.5	<0.02	<0.02	0.32	3.6	<0.02	*0.34*	-	-	-	<0.02	-
	03 Jun 2025	0089_MW256_250603	Normal	*1.65*	0.03	0.29	0.35	*19.4*	0.37	2.82	-	*10.2*	0.4	<0.02	<0.02	0.43	4.28	0.02	*0.50*	0.83	<0.05	<0.02	<0.02	<0.05
				-	0.03	-	0.35	-	-	-	-	*10.2*	0.4	-	-	0.43	-	0.02	*0.5*	0.83	<0.05	<0.02	<0.02	<0.05
	15 Sep 2025	0089_MW256_250915	Normal	*1.87*	<0.02	0.11	0.18	*3.85*	0.59	1.74	-	*10.1*	0.4	<0.02	<0.02	0.30	4.25	<0.02	*0.23*	0.78	<0.05	<0.02	<0.02	<0.05
				1.87	<0.02	-	-	-	0.59	1.74	-	*10.1*	0.4	<0.02	-	0.3	4.25	<0.02	*0.23*	0.78	<0.05	<0.02	<0.02	<0.05
0089_MW257	04 Aug 2017	0089_MW257_S_170804	Normal	<0.001	-	-	<0.001	*0.015*	-	<0.001	-	-	0.003	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
	13 Sep 2017	0089_MW257_S_170913	Normal	0.002	<0.002	-	<0.001	-	-	-	-	-	0.006	<0.002	-	0.001	0.004	<0.001	0.001	0.004	-	<0.01	<0.002	-
	20 Oct 2017	0089_MW257_S_171020	Normal	0.003	-	-	<0.001	*0.05*	-	-	-	-	0.007	-	<0.005	<0.001	-	<0.001	0.002	0.005	<0.05	<0.01	<0.002	-
	21 Nov 2017	0089_MW257_S_171121	Normal	0.014	<0.002	-	-	-	-	0.006	-	-	0.02	<0.002	-	0.006	-	-	0.005	-	-	<0.01	<0.002	-
	08 Dec 2017	0089_MW257_S_171208	Normal	0.006	<0.002	-	-	*0.19*	-	-	-	-	0.01	-	<0.005	-	-	<0.001	0.003	-	<0.05	<0.01	-	-
	19 Jan 2018	0089_MW257_S_180119	Normal	0.003	-	-	-	*0.008*	-	<0.001	-	-	0.008	-	<0.005	<0.001	0.004	<0.001	-	-	-	-	<0.002	-
	19 Dec 2019	0089_MW257_191219	Normal	<0.02	<0.02	-	<0.02	*0.04*	-	-	-	*0.05*	<0.1	-	<0.02	<0.02	0.02	<0.02	0.07	0.02	-	-	-	-
	02 Apr 2020	0089_MW257_200402	Normal	<0.02	<0.02	-	-	-	-	-	-	*0.03*	<0.1	-	-	-	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	16 Jul 2020	0089_MW257_200716	Normal	<0.02	<0.02	-	0.03	<0.01	-	<0.02	-	-	<0.1	-	<0.02	-	-	<0.02	0.02	<0.02	-	<0.02	<0.02	-
	22 Sep 2020	0089_MW257_200922	Normal	-	-	-	0.15	-	-	-	-	*0.53*	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC114_200922	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	-	<0.05	20.2	19	-	-	-	-
		0089_QC214_200921	Interlab_D	<0.05	<0.05	<0.05	-	-	<0.05	-	-	<0.01	<0.05	-	-	13.57	12.64	-	-	10.59	10.65
	16 Dec 2020	0089_MW255_201216	Normal	-	-	<0.05	<0.05	-	-	-	-	<0.05	<0.05	-	<0.05	4.22	-	-	-	-	-
	17 Mar 2021	0089_MW255_210317	Normal	-	-	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	-	2.08	-	-	1.7	-
	10 Jun 2021	0089_MW255_210610	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.05	<0.05	<0.05	2.14	-	-	-	-	-
	31 Aug 2021	0089_MW255_210831	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	9.14	8.65	-	-	-	-
	10 Jan 2022	0089_MW255_220110	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	1.3	-	-	-	-	-
	17 Mar 2022	0089_MW255_220317	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	1.32	1.26	-	-	0.87	-
	09 Jun 2022	0089_MW255_220609	Normal	-	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	-	-	1.73	1.64	-	-	1.54	-
	06 Sep 2022	0089_MW255_220906	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	-	-	2.85	-	-	1.89	-
	13 Dec 2022	0089_MW255_221213	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	-	-	12.7	12.3	-	-	-	-
	13 Mar 2023	0089_MW255_230313	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	7.86	7.54	-	-	-	-
	06 Jun 2023	0089_MW255_230606	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	10.2	9.71	-	-	7.9	-
	05 Sep 2023	0089_MW255_230905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	-	<0.05	<0.05	-	14.6	-	-	12	-
	13 Dec 2023	0089_MW255_231213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	5.36	4.88	-	-	3.3	-
	12 Mar 2024	0089_MW255_240312	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	13.5	-
	28 May 2024	0089_MW255_240528	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	-	-	<0.05	<0.05	11.4	10.9	-	-	9.07	-
	13 Dec 2024	0089_MW255_241213	Normal	<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	-	8.44	-
				<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.6	10.8	-	-	8.44	-
	18 Mar 2025	0089_MW255_250318	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	10.8	-	10.2	-	8.37	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	10.8	10.2	-	-	-	-
	03 Jun 2025	0089_MW255_250603	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.62	-	4.90	-	2.70	-
				-	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	5.62	-	-	-	-	-
	15 Sep 2025	0089_MW255_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.50	-	5.38	-	4.86	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	-	-	-	5.38	-	-	4.86	-
0089_MW256	04 Aug 2017	0089_MW256_S_170804	Normal	-	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW256_S_170913	Normal	<0.01	-	<0.05	-	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW256_S_171020	Normal	<0.1	<0.002	<0.05	<0.05	<0.002	<0.005	-	-	<0.001	0.01	0.002	-	-	-	-	-	-	-
	21 Nov 2017	0089_MW256_S_171121	Normal	<0.01	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	0.017	0.001	-	-	-	-	-	-	-
	08 Dec 2017	0089_MW256_S_171208	Normal	<0.01	-	-	-	-	-	0.07	-	<0.001	0.022	<0.001	-	-	-	-	-	-	-
	19 Jan 2018	0089_MW256_S_180119	Normal	<0.01	<0.002	-	<0.005	-	<0.005	0.07	-	-	-	0.001	-	-	-	-	-	-	-
	30 Mar 2020	0089_MW256_200330	Normal	-	-	<0.05	<0.05	<0.02	-	0.08	-	-	0.26	-	<0.05	25.2	-	-	-	-	-
	16 Jul 2020	0089_MW256_200716	Normal	-	-	-	<0.05	<0.02	<0.05	0.08	-	-	0.1	-	<0.05	-	-	-	-	-	-
	22 Sep 2020	0089_MW256_200922	Normal	-	-	<0.05	-	<0.02	<0.05	-	-	<0.05	0.4	<0.05	<0.05	-	27.4	-	-	22	-
	14 Dec 2020	0089_MW256_201214	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	0.19	<0.05	<0.05	13	12.4	-	-	9.8	-
	17 Mar 2021	0089_MW256_210317	Normal	<0.05	-	-	-	<0.02	<0.05	0.03	-	-	0.21	-	<0.05	-	12.8	-	-	-	-
	10 Jun 2021	0089_MW256_210610	Normal	<0.05	-	<0.05	-	-	-	0.08	-	<0.05	0.14	<0.05	<0.05	-	84.4	-	-	75	-
		0089_QC113_210610	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	0.07	-	<0.05	0.13	<0.05	<0.05	-	-	-	-	65	-
		0089_QC213_210610	Interlab_D	<0.05	<0.05	<0.05	-	-	<0.05	-	-	<0.01	0.07	<0.01	<0.01	-	65.92	-	31.3	56	58.3
	31 Aug 2021	0089_MW256_210831	Normal	<0.05	<0.02	-	-	-	-	0.07	-	<0.05	-	<0.05	-	-	24.7	-	-	-	-
	10 Jan 2022	0089_MW256_220110	Normal	<0.05	-	<0.05	<0.05	-	-	0.07	-	<0.05	0.44	<0.05	<0.05	19.9	19	-	-	13.2	-
		0089_QC110_220110	Field_D	<0.05	<0.02	-	-	<0.02	-	0.06	-	<0.05	-	<0.05	-	18.7	17.8	-	-	-	-
		0089_QC210_220110	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	0.06[#1]	-	<0.01	0.32	<0.01	<0.01	-	15.52	-	8.94	12	12.34
	17 Mar 2022	0089_MW256_220317	Normal	<0.05	-	<0.05	<0.05	-	<0.05	0.08	-	<0.05	0.23	<0.05	<0.05	36	33.8	-	-	21.4	-
	09 Jun 2022	0089_MW256_220609	Normal	-	-	<0.05	<0.05	<0.02	<0.05	0.08	-	<0.05	0.16	<0.05	-	17.9	17	-	-	13.8	-
	06 Sep 2022	0089_MW256_220906	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	<0.05	-	16.7	16	-	-	-	-
	13 Dec 2022	0089_MW256_221213	Normal	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	-	<0.05	-	13.1	12.4	-	-	-	-
	13 Mar 2023	0089_MW256_230313	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	<0.05	0.15	-	<0.05	20	-	-	-	-	-
	06 Jun 2023	0089_MW256_230606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	0.08	-	-	-	-	<0.05	24.6	-	-	-	19.2	-
	05 Sep 2023	0089_MW256_230905	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	0.21	-	<0.05	-	19.8	-	-	12	-
	13 Dec 2023	0089_MW256_231213	Normal	<0.05	-	-	<0.05	-	-	0.02	-	<0.05	-	-	-	26.3	-	-	-	-	-
	12 Mar 2024	0089_MW256_240312	Normal	<0.05	<0.02	-	<0.05	-	<0.05	0.04	-	<0.05	-	<0.05	<0.05	58.4	52.9	-	-	31.1	-
	28 May 2024	0089_MW256_240528	Normal	<0.05	-	-	-	-	<0.05	0.06	-	<0.05	0.71	<0.05	<0.05	78.1	69.7	-	-	-	-
	13 Dec 2024	0089_MW256_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.04	-	<0.05	0.38	<0.05	<0.05	27.6	-	24.2	-	14.2	-
				-	<0.02	<0.05	-	<0.02	-	-	-	<0.05	0.38	-	<0.05	-	24.2	-	-	-	-
	18 Mar 2025	0089_MW256_250318	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.05	-	<0.05	0.23	<0.05	<0.05	27.4	-	24.6	-	17.0	-
				-	-	<0.05	<0.05	<0.02	<0.05	0.05	-	<0.05	-	<0.05	-	27.4	24.6	-	-	17	-
	03 Jun 2025	0089_MW256_250603	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.05	-	<0.05	0.27	<0.05	<0.05	41.9	-	38.0	-	29.6	-
				<0.05	-	<0.05	-	<0.02	-	0.05	-	<0.05	0.27	<0.05	<0.05	-	38	-	-	29.6	-
	15 Sep 2025	0089_MW256_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.02	-	<0.05	0.06	<0.05	<0.05	24.5	-	21.8	-	14.0	-
				-	<0.02	-	<0.05	<0.02	-	0.02	-	<0.05	0.06	-	<0.05	24.5	-	-	-	-	-
0089_MW257	04 Aug 2017	0089_MW257_S_170804	Normal	<0.01	<0.002	-	<0.005	<0.002	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW257_S_170913	Normal	-	<0.002	<0.05	<0.005	<0.002	-	-	-	-	-	<0.001	-	-	-	-	-	-	-
	20 Oct 2017	0089_MW257_S_171020	Normal	<0.1	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	21 Nov 2017	0089_MW257_S_171121	Normal	<0.01	-	-	<0.005	<0.002	-	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Dec 2017	0089_MW257_S_171208	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW257_S_180119	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	0.004	-	-	-	-	-	-	-	-
	19 Dec 2019	0089_MW257_191219	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	-	-	<0.05	-	0.2	-	-	0.09	-
	02 Apr 2020	0089_MW257_200402	Normal	-	<0.02	-	<0.05	-	-	<0.02	-	-	<0.05	<0.05	-	0.05	0.05	-	-	-	-
	16 Jul 2020	0089_MW257_200716	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.07	0.04	-	-	-	-
	22 Sep 2020	0089_MW257_200922	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	0.72	0.57	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
	16 Dec 2020	0089_MW257_201216	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	*0.03*	<0.1	-	<0.02	-	-	-	<0.01	<0.02	-	-	<0.02	-
	18 Mar 2021	0089_MW257_210318	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	*0.06*	<0.1	<0.02	-	-	<0.02	<0.02	-	-	<0.05	<0.02	-	-
	09 Jun 2021	0089_MW257_210609	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	*0.03*	-	-	<0.02	<0.02	<0.02	<0.02	0.02	-	-	<0.02	<0.02	-
	31 Aug 2021	0089_MW257_210831	Normal	<0.02	<0.02	-	0.1	*0.08*	-	0.03	-	*0.9*	-	-	<0.02	0.02	0.06	<0.02	0.12	0.03	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW257_220110	Normal	<0.02	-	-	<0.02	*0.01*	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	17 Mar 2022	0089_MW257_220317	Normal	-	-	-	<0.02	*0.02*	-	<0.02	-	*0.06*	-	<0.02	<0.02	-	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	09 Jun 2022	0089_MW257_220609	Normal	<0.02	<0.02	-	<0.02	*0.06*	-	<0.02	-	<0.05[#2]	-	<0.02	<0.02	-	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	06 Sep 2022	0089_MW257_220906	Normal	<0.02	<0.02	-	<0.02	*0.2*	-	-	-	*0.16*	<0.1	-	<0.02	-	0.05	<0.02	0.02	-	<0.05	-	<0.02	-
	13 Dec 2022	0089_MW257_221213	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	-	<0.02	0.01	0.12	<0.05	<0.02	<0.02	-
	13 Mar 2023	0089_MW257_230313	Normal	<0.02	-	-	-	*0.04*	-	<0.02	-	*1.1*	-	<0.02	<0.02	<0.02	-	<0.02	0.04	0.15	-	<0.02	<0.02	-
	06 Jun 2023	0089_MW257_230606	Normal	<0.02	<0.02	-	<0.02	*0.1*	-	-	-	*0.38*	-	<0.02	<0.02	<0.02	0.06	<0.02	0.02	-	-	-	<0.02	-
	05 Sep 2023	0089_MW257_230905	Normal	<0.02	-	-	<0.02	*0.36*	-	<0.02	-	*0.16*	-	<0.02	<0.02	-	0.08	<0.02	0.03	-	-	<0.02	<0.02	-
	13 Dec 2023	0089_MW257_231213	Normal	<0.02	<0.02	-	-	-	-	-	-	*0.16*	<0.1	<0.02	<0.02	-	-	<0.02	0.01	0.2	<0.05	-	-	-
	11 Mar 2024	0089_MW257_240311	Normal	-	<0.02	-	0.02	-	-	<0.02	-	*1.31*	-	<0.02	<0.02	0.02	-	<0.02	-	0.25	<0.05	<0.02	-	-
	28 May 2024	0089_MW257_240528	Normal	<0.02	<0.02	-	0.05	-	-	-	-	-	<0.1	<0.02	<0.02	0.04	0.2	<0.02	-	0.28	<0.05	<0.02	<0.02	-
	13 Dec 2024	0089_MW257_241213	Normal	<0.02	<0.02	<0.02	<0.02	*0.19*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.01	0.17	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	<0.02	*0.19*	-	<0.02	-	-	<0.1	<0.02	-	-	0.09	<0.02	-	-	<0.05	<0.02	<0.02	-
	18 Mar 2025	0089_MW257_250318	Normal	<0.02	<0.02	<0.02	0.12	*0.41*	<0.02	0.02	-	*1.18*	0.1	<0.02	<0.02	0.03	0.25	<0.02	0.13	0.42	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	*0.41*	<0.02	0.02	<0.02	-	-	<0.02	-	0.03	0.25	-	0.13	-	<0.05	<0.02	-	<0.05
	03 Jun 2025	0089_MW257_250603	Normal	<0.02	<0.02	<0.02	0.02	*0.27*	<0.02	<0.02	-	*0.27*	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.03	0.13	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	0.02	-	-	<0.02	<0.02	*0.27*	<0.1	<0.02	<0.02	<0.02	-	<0.02	0.03	0.13	<0.05	<0.02	<0.02	-
	15 Sep 2025	0089_MW257_250915	Normal	<0.02	<0.02	<0.02	<0.02	*0.30*	<0.02	<0.02	-	*0.07*	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.01	0.11	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	-	<0.02	<0.02	-	*0.07*	<0.1	<0.02	<0.02	<0.02	-	-	-	0.11	-	<0.02	-	<0.05
0089_MW258	04 Aug 2017	0089_MW258_S_170804	Normal	-	<0.002	-	0.44	*5.2*	-	2	-	-	0.63	<0.002	-	0.39	-	-	-	1.2	-	<0.01	<0.002	-
	13 Sep 2017	0089_MW258_S_170913	Normal	*4*	<0.002	-	-	-	-	3	-	*11*	-	<0.002	-	0.27	3.2	0.003	*0.42*	-	<0.05	<0.01	-	-
	20 Oct 2017	0089_MW258_S_171020	Normal	-	<0.02	-	-	*5.3*	-	2.4	-	*10*	0.58	<0.02	<0.05	0.37	3.7	<0.01	-	-	-	-	-	-
	21 Nov 2017	0089_MW258_S_171121	Normal	*4.4*	-	-	0.58	-	-	2.8	-	*9.8*	0.76	-	<0.005	0.38	-	0.003	*0.49*	1.3	<0.05	<0.01	<0.002	-
	08 Dec 2017	0089_MW258_S_171208	Normal	-	<0.002	-	0.54	*10*	-	2.4	-	-	-	-	<0.005	0.34	4.6	-	*0.47*	-	<0.05	<0.01	-	-
	19 Jan 2018	0089_MW258_S_180119	Normal	-	<0.02	-	0.56	*5.5*	-	-	-	-	1.1	-	<0.05	-	-	<0.01	*0.52*	1.2	-	<0.1	<0.02	-
	08 Jun 2022	0089_MW258_220608	Normal	*1.3*	<0.02	-	0.08	*2.06*	-	0.84	-	*2.35*	0.2	<0.02	-	-	1.3	<0.02	0.06	-	-	<0.02	-	-
	06 Sep 2022	0089_MW258_220906	Normal	*6.69*	-	-	0.42	*9.12*	-	-	-	-	-	-	<0.02	0.83	9	<0.02	-	2.99	-	-	-	-
	13 Dec 2022	0089_MW258_221213	Normal	*2.72*	<0.02	-	-	-	-	1.85	-	*6.38*	0.8	<0.02	<0.02	-	3.57	<0.02	*0.34*	2.23	-	-	-	-
	13 Mar 2023	0089_MW258_230313	Normal	*5.41*	<0.02	-	0.5	-	-	-	-	*7.56*	-	-	<0.02	0.71	4.09	<0.02	-	2.82	<0.05	<0.02	<0.02	-
	06 Jun 2023	0089_MW258_230606	Normal	-	<0.02	-	0.29	-	-	2.04	-	*5.09*	-	<0.02	<0.02	0.49	-	-	*0.34*	2.61	<0.05	<0.02	<0.02	-
	05 Sep 2023	0089_MW258_230905	Normal	0.47	<0.02	-	0.12	*2.81*	-	-	-	*1.56*	-	<0.02	<0.02	0.33	-	<0.02	0.18	-	-	-	-	-
	13 Dec 2023	0089_MW258_231213	Normal	-	-	-	0.67	-	-	-	-	*13.6*	1.3	-	-	0.72	7.04	-	-	1.78	<0.05	<0.02	<0.02	-
	11 Mar 2024	0089_MW258_240311	Normal	-	-	-	-	-	-	3.05	-	-	1.2	<0.02	-	0.66	6.47	-	*0.58*	2.19	-	-	-	-
	28 May 2024	0089_MW258_240528	Normal	*10.9*	-	-	3.06	*4.88*	-	8.04	-	*29.5*	-	-	<0.02	-	15.7	<0.02	*1.55*	4.18	-	<0.02	<0.02	-
	13 Dec 2024	0089_MW258_241213	Normal	*5.22*	<0.02	<0.02	0.83	*11.1*	2.22	4.34	-	*15.0*	1.3	<0.02	<0.02	0.82	7.40	<0.02	*0.72*	2.28	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.83	*11.1*	-	4.34	-	-	-	<0.02	<0.02	-	7.4	<0.02	-	-	<0.05	<0.02	<0.02	-
	18 Mar 2025	0089_MW258_250318	Normal	*1.13*	<0.02	<0.02	0.31	*8.07*	0.38	0.99	-	*4.07*	0.5	<0.02	<0.02	0.33	2.17	<0.02	*0.27*	1.25	<0.05	<0.02	<0.02	<0.05
				1.13	<0.02	-	0.31	-	-	0.99	<0.02	-	0.5	<0.02	-	0.33	2.17	<0.02	*0.27*	1.25	<0.05	-	<0.02	<0.05
	03 Jun 2025	0089_MW258_250603	Normal	*5.04*	<0.02	<0.02	1.19	*11.0*	1.70	4.68	-	*16.2*	1.3	<0.02	<0.02	0.93	9.08	<0.02	*0.83*	2.10	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	1.19	*11*	1.7	4.68	<0.02	*16.2*	1.3	-	-	0.93	-	<0.02	*0.83*	2.1	-	<0.02	<0.02	-
	15 Sep 2025	0089_MW258_250915	Normal	0.53	<0.02	<0.02	0.18	*5.20*	0.23	0.48	-	*1.41*	0.2	<0.02	<0.02	0.17	0.94	<0.02	0.12	0.66	<0.05	<0.02	<0.02	<0.05
				0.53	<0.02	-	0.18	*5.2*	-	-	<0.02	*1.41*	-	<0.02	-	-	-	-	0.12	0.66	-	-	<0.02	-
0089_MW259	04 Aug 2017	0089_MW259_S_170804	Normal	*1*	-	-	0.35	*14*	-	-	-	*4.4*	0.34	<0.002	-	-	1.8	<0.001	*0.28*	-	-	<0.01	-	-
	13 Sep 2017	0089_MW259_S_170913	Normal	*1.1*	<0.002	-	-	*13*	-	1	-	-	-	-	<0.005	0.14	1.3	<0.001	-	0.51	<0.05	<0.01	-	-
	20 Oct 2017	0089_MW259_S_171020	Normal	0.81	<0.02	-	0.3	-	-	0.76	-	*3.3*	0.27	-	-	-	1.4	<0.01	-	-	<0.5	<0.1	<0.02	-
	21 Nov 2017	0089_MW259_S_171121	Normal	*1.2*	<0.002	-	0.4	*14*	-	0.87	-	*4*	0.34	<0.002	-	0.12	1.7	0.001	*0.2*	-	-	<0.01	<0.002	-
	08 Dec 2017	0089_MW259_S_171208	Normal	-	-	-	-	*23*	-	0.86	-	*3.6*	-	<0.002	-	-	1.5	<0.001	-	0.46	-	-	<0.002	-
	19 Jan 2018	0089_MW259_S_180119	Normal	*3.3*	-	-	1.1	-	-	2	-	*7.9*	-	<0.02	<0.05	-	4.7	-	-	1.9	-	-	<0.02	-
	16 Jul 2020	0089_MW259_200716	Normal	-	<0.02	-	-	*1.01*	-	-	-	*2.19*	-	<0.02	-	0.2	4.05	<0.02	0.03	5.55	<0.05	<0.02	-	-
	22 Sep 2020	0089_MW259_200922	Normal	0.16	<0.02	-	-	-	-	0.81	-	-	0.3	<0.02	<0.02	0.12	2.16	<0.02	-	-	<0.05	<0.02	-	-
	16 Dec 2020	0089_MW259_201216	Normal	<0.02	-	-	<0.02	*0.37*	-	0.07	-	*0.14*	-	<0.02	-	-	0.2	<0.02	-	-	<0.05	-	-	-
	18 Mar 2021	0089_MW259_210318	Normal	0.02	-	-	-	*0.36*	-	0.02	-	-	<0.1	-	-	-	0.13	<0.02	<0.01	0.07	-	-	-	-
	10 Jun 2021	0089_MW259_210610	Normal	<0.02	<0.02	-	-	*0.41*	-	-	-	*0.13*	-	<0.02	<0.02	0.02	0.16	<0.02	<0.01	0.09	<0.05	<0.02	-	-
	31 Aug 2021	0089_MW259_210831	Normal	<0.02	<0.02	-	-	*0.12*	-	<0.02	-	0.02	<0.1	<0.02	-	<0.02	0.07	<0.02	-	0.08	<0.05	<0.02	<0.02	-
	11 Jan 2022	0089_MW259_220111	Normal	<0.02	<0.02	-	<0.02	*0.13*	-	<0.02	-	<0.01	-	<0.02	-	<0.02	0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	17 Mar 2022	0089_MW259_220317	Normal	-	<0.02	-	-	-	-	0.02	-	*0.08*	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	0.54	-	<0.02	-	-
	09 Jun 2022	0089_MW259_220609	Normal	-	-	-	<0.02	*0.11*	-	<0.05[#2]	-	<0.05[#2]	<0.2[#2]	<0.02	<0.02	-	0.09	-	<0.01	-	<0.05	<0.02	-	-
	06 Sep 2022	0089_MW259_220906	Normal	0.03	<0.02	-	-	*0.18*	-	0.08	-	-	<0.1	-	-	<0.02	-	-	<0.01	0.13	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW259_221213	Normal	<0.02	-	-	-	-	-	<0.02	-	0.02	-	-	<0.02	<0.02	0.04	-	<0.01	-	<0.05	<0.02	<0.02	-
	13 Mar 2023	0089_MW259_230313	Normal	<0.02	<0.02	-	-	*0.12*	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	0.11	<0.02	-	-	-	<0.02	<0.02	-
	06 Jun 2023	0089_MW259_230606	Normal	<0.02	-	-	<0.02	-	-	-	-	*0.1*	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	0.14	<0.05	-	<0.02	-
		0089_QC102_230606	Field_D	-	-	-	<0.02	-	-	<0.02	-	*0.11*	<0.1	<0.02	<0.02	-	-	-	-	-	-	-	-	-
		0089_QC202_230606	Interlab_D	-	<0.01	-	-	*0.06*[#1]	<0.01	0.01	<0.01	*0.11*[#1]	<0.05	<0.01	<0.01	-	-	<0.01	-	0.13	<0.01	<0.01	<0.01	-
	05 Sep 2023	0089_MW259_230905	Normal	<0.02	<0.02	-	<0.02	*0.08*	-	<0.02	-	*0.09*	<0.1	-	<0.02	-	-	-	<0.01	-	-	<0.02	<0.02	-
		0089_QC117_230905	Field_D	<0.02	-	-	<0.02	*0.09*	-	-	-	*0.1*	<0.1	<0.02	-	<0.02	0.09	<0.02	-	0.14	<0.05	<0.02	-	-
		0089_QC217_230905	Interlab_D	0.01[#1]	-	-	<0.01	-	<0.01	0.01[#1]	-	*0.09*[#1]	<0.05	-	-	-	0.07	-	<0.01	-	-	-	-	-
	13 Dec 2023	0089_MW259_231213	Normal	<0.02	-	-	<0.02	*0.06*	-	-	-	*0.05*	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	0.06	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
	16 Dec 2020	0089_MW257_201216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	18 Mar 2021	0089_MW257_210318	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	-	-	-	-	-	-	-
	09 Jun 2021	0089_MW257_210609	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	-	<0.05	<0.05	<0.05	-	0.13	-	-	-	-
	31 Aug 2021	0089_MW257_210831	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	1.21	-	-	0.98	-
	10 Jan 2022	0089_MW257_220110	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	-	0.04	-	-	0.04	-
	17 Mar 2022	0089_MW257_220317	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	09 Jun 2022	0089_MW257_220609	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.06	0.06	-	-	0.06	-
	06 Sep 2022	0089_MW257_220906	Normal	-	-	-	-	-	-	<0.02	-	-	-	-	<0.05	0.47	0.47	-	-	0.36	-
	13 Dec 2022	0089_MW257_221213	Normal	-	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	0.6	-	-	0.38	-
	13 Mar 2023	0089_MW257_230313	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	-	-	-	-	-	-
	06 Jun 2023	0089_MW257_230606	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.67	0.67	-	-	-	-
	05 Sep 2023	0089_MW257_230905	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.74	0.74	-	-	0.52	-
	13 Dec 2023	0089_MW257_231213	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.55	-	-	-	-
	11 Mar 2024	0089_MW257_240311	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	2.02	-	-	-	1.36	-
	28 May 2024	0089_MW257_240528	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	0.11	-	<0.05	2.58	-	-	-	1.69	-
	13 Dec 2024	0089_MW257_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.51	-	0.51	-	0.24	-
				<0.05	-	<0.05	<0.05	<0.02	-	-	-	-	<0.05	-	-	-	-	-	-	0.24	-
	18 Mar 2025	0089_MW257_250318	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.66	-	2.52	-	1.59	-
				<0.05	-	-	-	-	-	<0.02	-	-	-	<0.05	-	2.66	2.52	-	-	-	-
	03 Jun 2025	0089_MW257_250603	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.82	-	0.80	-	0.54	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	0.82	0.8	-	-	0.54	-
	15 Sep 2025	0089_MW257_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.55	-	0.55	-	0.37	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
0089_MW258	04 Aug 2017	0089_MW258_S_170804	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	-	-	0.001	-	-	-	-	-	-	-	-	-
	13 Sep 2017	0089_MW258_S_170913	Normal	-	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	0.18	-	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW258_S_171020	Normal	<0.1	-	<0.5	-	-	-	-	-	<0.01	-	-	<0.01	-	-	-	-	-	-
	21 Nov 2017	0089_MW258_S_171121	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	0.1	<0.001	<0.001	-	-	-	-	-	-
	08 Dec 2017	0089_MW258_S_171208	Normal	<0.01	-	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	0.18	<0.001	-	-	-	-	-	-	-
	19 Jan 2018	0089_MW258_S_180119	Normal	<0.1	<0.02	<0.5	<0.05	-	<0.05	<0.1	-	<0.01	-	-	-	-	-	-	-	-	-
	08 Jun 2022	0089_MW258_220608	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	-	-	7.8	-	-	4.41	-
	06 Sep 2022	0089_MW258_220906	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	24.8	-
	13 Dec 2022	0089_MW258_221213	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	0.19	<0.05	<0.05	24	21.9	-	-	11.5	-
	13 Mar 2023	0089_MW258_230313	Normal	-	-	<0.05	-	-	<0.05	<0.02	-	-	0.22	<0.05	<0.05	31.7	-	-	-	-	-
	06 Jun 2023	0089_MW258_230606	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	-	24.4	22.1	-	-	-	-
	05 Sep 2023	0089_MW258_230905	Normal	-	-	<0.05	-	-	<0.05	<0.02	-	<0.05	0.2	<0.05	-	9.04	8.57	-	-	-	-
	13 Dec 2023	0089_MW258_231213	Normal	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	0.16	<0.05	<0.05	42.4	-	-	-	19.6	-
	11 Mar 2024	0089_MW258_240311	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	37.8	-	-	-	-	-
	28 May 2024	0089_MW258_240528	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	0.12	<0.05	-	82.5	-	-	-	-	-
	13 Dec 2024	0089_MW258_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.12	<0.05	<0.05	51.4	-	44.0	-	26.1	-
				-	-	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	51.4	-	-	-	26.1	-
	18 Mar 2025	0089_MW258_250318	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.17	<0.05	<0.05	19.6	-	18.0	-	12.1	-
				-	-	-	<0.05	<0.02	<0.05	<0.02	-	-	0.17	-	<0.05	-	-	-	-	12.1	-
	03 Jun 2025	0089_MW258_250603	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.13	<0.05	<0.05	54.2	-	46.6	-	27.2	-
				<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	46.6	-	-	27.2	-
	15 Sep 2025	0089_MW258_250915	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.07	<0.05	<0.05	10.2	-	9.30	-	6.61	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	10.2	9.3	-	-	6.61	-
0089_MW259	04 Aug 2017	0089_MW259_S_170804	Normal	<0.01	-	<0.05	<0.005	<0.002	-	0.02	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	13 Sep 2017	0089_MW259_S_170913	Normal	<0.01	<0.002	<0.05	-	<0.002	-	0.02	-	<0.001	0.002	<0.001	-	-	-	-	-	-	-
	20 Oct 2017	0089_MW259_S_171020	Normal	-	<0.02	<0.5	<0.05	<0.02	-	<0.1	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-
	21 Nov 2017	0089_MW259_S_171121	Normal	-	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	-	0.003	<0.001	-	-	-	-	-	-	-
	08 Dec 2017	0089_MW259_S_171208	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	-	-	<0.001	-	-	-	-	-	-	-
	19 Jan 2018	0089_MW259_S_180119	Normal	<0.1	<0.02	-	-	<0.02	<0.05	<0.1	-	-	0.011	-	<0.01	-	-	-	-	-	-
	16 Jul 2020	0089_MW259_200716	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	15.4	-	-	-	-	-
	22 Sep 2020	0089_MW259_200922	Normal	<0.05	-	-	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	7.38	6.54	-	-	-	-
	16 Dec 2020	0089_MW259_201216	Normal	-	<0.02	-	<0.05	<0.02	-	-	-	<0.05	-	<0.05	-	0.92	-	-	-	0.51	-
	18 Mar 2021	0089_MW259_210318	Normal	-	-	<0.05	-	-	<0.05	-	-	-	-	-	<0.05	-	0.68	-	-	0.44	-
	10 Jun 2021	0089_MW259_210610	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.85	-	-	-	-	-
	31 Aug 2021	0089_MW259_210831	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	0.29	-	-	-	-
	11 Jan 2022	0089_MW259_220111	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	-	-	<0.05	<0.05	0.15	0.15	-	-	0.13	-
	17 Mar 2022	0089_MW259_220317	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.38	1.36	-	-	-	-
	09 Jun 2022	0089_MW259_220609	Normal	-	-	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	0.11	-
	06 Sep 2022	0089_MW259_220906	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.81	-	-	-	0.4	-
	13 Dec 2022	0089_MW259_221213	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.1	-
	13 Mar 2023	0089_MW259_230313	Normal	<0.05	-	-	-	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.4	0.4	-	-	-	-
	06 Jun 2023	0089_MW259_230606	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.49	0.49	-	-	0.24	-
		0089_QC102_230606	Field_D	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.51	0.51	-	-	0.27	-
		0089_QC202_230606	Interlab_D	-	<0.05	-	-	-	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.4	-	-	-	0.17	0.17
	05 Sep 2023	0089_MW259_230905	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	0.38	-	-	0.17	-
		0089_QC117_230905	Field_D	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.42	0.42	-	-	0.19	-
		0089_QC217_230905	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	0.4	0.39	-	0.09	0.18	-
	13 Dec 2023	0089_MW259_231213	Normal	-	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	-	0.21	-	-	0.11	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC114_231213	Field_D	<0.02	<0.02	-	-	-	-	<0.02	-	*0.05*	-	-	<0.02	<0.02	0.04	<0.02	<0.01	-	<0.05	<0.02	-	-
		0089_QC214_231213	Interlab_D	-	-	-	-	*0.07*[#1]	<0.01	<0.01	<0.01	*0.05*[#1]	-	<0.01	<0.01	-	0.04[#1]	<0.01	<0.01	-	<0.01	-	<0.01	-
	11 Mar 2024	0089_MW259_240311	Normal	<0.02	-	-	-	*0.08*	-	<0.02	-	*0.04*	-	<0.02	<0.02	-	-	-	-	0.03	-	<0.02	<0.02	-
	28 May 2024	0089_MW259_240528	Normal	<0.02	<0.02	-	<0.02	*0.12*	-	<0.02	-	*0.11*	-	<0.02	<0.02	-	0.04	<0.02	-	-	-	<0.02	<0.02	-
	13 Dec 2024	0089_MW259_241213	Normal	<0.02	<0.02	<0.02	<0.02	*0.06*	<0.02	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	0.03	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	-	<0.02	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	18 Mar 2025	0089_MW259_250318	Normal	<0.02	<0.02	<0.02	<0.02	*0.07*	<0.02	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	0.03	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	-	-	-	<0.02	<0.02	*0.04*	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	-	<0.05	<0.02	-	<0.05
	03 Jun 2025	0089_MW259_250603	Normal	<0.02	<0.02	<0.02	<0.02	*0.09*	0.03	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	-	-	<0.02	<0.02	*0.05*	-	<0.02	-	<0.02	0.02	-	-	0.02	<0.05	-	<0.02	-
	15 Sep 2025	0089_MW259_250915	Normal	<0.02	<0.02	<0.02	<0.02	*0.05*	<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	<0.02	<0.05
				<0.02	-	-	<0.02	-	-	<0.02	<0.02	0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	-	-	<0.05
		0089_QC110_250915	Field_D	<0.02	<0.02	<0.02	<0.02	*0.05*	<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	<0.02	<0.05
		0089_QC210_250915	Interlab_D	<0.01	<0.01	<0.01	<0.01	*0.07*	<0.01	<0.01	-	*0.03*[#1]	<0.05	<0.01	<0.01	<0.05	0.02	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	-
0089_MW260	08 Mar 2017	0089_MW260_S_170803	Normal	0.002	-	-	<0.001	0.003	-	-	-	0.003	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	-	<0.01	-	-
0089_MW261	12 Jan 2017	E06_B88_MB01_170112	Normal	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04 Aug 2017	0089_MW261_S_170804	Normal	-	<0.002	-	<0.001	-	-	-	-	0.02	-	<0.002	<0.005	-	<0.001	<0.001	<0.001	-	<0.05	-	<0.002	-
	26 Sep 2019	0089_MW261_190926	Normal	0.011	0.003	-	-	0.0018	0.003	0.008	<0.001	-	0.005	<0.001	<0.001	-	0.001	-	<0.001	-	<0.001	<0.001	<0.001	-
	25 Oct 2019	0089_MW261_191025	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	-	-	<0.02	-	<0.02	-	-
	19 Dec 2019	0089_MW261_191219	Normal	-	-	-	<0.02	<0.01	-	0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC102_191219	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	*0.09*	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC202_191219	Interlab_D	0.03	<0.01	-	0.02	*0.53*	<0.01	0.04	-	*0.23*	<0.05	<0.01	-	0.01	-	<0.01	0.03	-	-	<0.01	<0.01	-
	30 Mar 2020	0089_MW261_200330	Normal	-	-	-	-	<0.01	-	<0.02	-	*0.16*	<0.1	<0.02	<0.02	-	-	-	<0.01	<0.02	<0.05	-	<0.02	-
	21 Jul 2020	0089_MW261_200721	Normal	<0.02	-	-	-	-	-	0.02	-	*0.19*	-	<0.02	-	-	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	22 Sep 2020	0089_MW261_200922	Normal	0.03	<0.02	-	<0.02	-	-	-	-	-	<0.1	-	-	-	<0.02	-	-	-	<0.05	-	<0.02	-
	16 Dec 2020	0089_MW261_201216	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	-	-	-	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	18 Mar 2021	0089_MW261_210318	Normal	-	<0.02	-	-	<0.01	-	-	-	-	<0.1	<0.02	-	-	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	09 Jun 2021	0089_MW261_210609	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	*0.11*	<0.1	<0.02	<0.02	-	-	<0.02	-	-	<0.05	<0.02	-	-
	31 Aug 2021	0089_MW261_210831	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	*0.13*	-	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	-	-
	11 Jan 2022	0089_MW261_220111	Normal	-	<0.02	-	-	-	-	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	17 Mar 2022	0089_MW261_220317	Normal	-	-	-	-	-	-	<0.02	-	*0.03*	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
0089_MW262	12 Jan 2017	E06_MW2_170112	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03[#3]	-	-	-	-	-
	08 Mar 2017	0089_MW262_S_170803	Normal	-	-	-	0.009	*0.22*	-	0.12	-	-	0.04	<0.002	-	0.006	0.23	<0.001	-	-	-	<0.01	-	-
	13 Sep 2017	0089_MW262_S_170913	Normal	0.21	<0.002	-	-	*0.73*	-	0.29	-	-	<0.002	-	<0.005	0.014	0.54	<0.001	0.024	-	<0.05	-	<0.002	-
	20 Oct 2017	0089_MW262_S_171020	Normal	-	<0.002	-	-	*0.34*	-	-	-	-	0.031	<0.002	<0.005	-	0.3	<0.001	0.018	-	<0.05	<0.01	0.002	-
	21 Nov 2017	0089_MW262_S_171121	Normal	0.069	-	-	-	*0.27*	-	0.2	-	-	0.043	-	<0.005	-	-	-	-	0.08	<0.05	<0.01	-	-
	08 Dec 2017	0089_MW262_S_171208	Normal	-	-	-	0.017	-	-	-	-	-	0.033	-	<0.005	0.006	0.39	<0.001	0.011	0.083	<0.05	<0.01	-	-
	19 Jan 2018	0089_MW262_S_180119	Normal	0.006	-	-	0.007	-	-	-	-	*0.24*	-	-	<0.005	0.003	-	-	0.004	0.023	<0.05	-	<0.002	-
0089_MW264	01 Aug 2017	0089_MW264_S_170801	Normal	-	<0.002	-	-	-	-	0.008	-	-	0.007	-	<0.005	0.004	0.034	<0.001	0.005	-	<0.05	<0.01	<0.002	-
	19 Sep 2017	0089_MW264_S_170919	Normal	0.036	-	-	-	*0.96*	-	0.004	-	*0.078*	0.009	<0.002	-	-	0.029	<0.001	-	-	-	<0.01	-	-
	16 Oct 2017	0089_MW264_S_171016	Normal	0.084	<0.002	-	-	*0.97*	-	-	-	*0.051*	0.01	<0.002	-	-	0.039	<0.001	0.005	-	<0.05	<0.01	-	-
	17 Nov 2017	0089_MW264_S_171117	Normal	-	<0.002	-	0.005	-	-	0.006	-	-	-	<0.002	<0.005	0.003	0.033	<0.001	0.006	0.01	<0.05	<0.01	<0.002	-
		0089_QC1MW_171117	Field_D	0.051	-	-	0.004	*0.91*	-	-	-	*0.064*	0.008	<0.002	<0.005	0.005	0.034	<0.001	-	-	<0.05	-	-	-
		0089_QC2MW_171117	Interlab_D	-	-	-	<0.01	*0.4*[#1]	-	<0.01	-	0.01[#1]	<0.05	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-	<0.01	<0.01	-
	07 Dec 2017	0089_MW264_S_171207	Normal	0.033	<0.002	-	0.004	*0.64*	-	0.005	-	*0.06*	0.007	-	<0.005	0.003	0.022	<0.001	-	0.007	-	-	<0.002	-
	16 Jan 2018	0089_MW264_S_180116	Normal	0.063	<0.002	-	0.006	*1.1*	-	-	-	0.028	-	<0.002	<0.005	0.001	0.034	-	-	-	-	-	<0.002	-
	19 Dec 2019	0089_MW264_191219	Normal	<0.02	-	-	-	*2.5*	-	<0.02	-	*0.05*	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	30 Mar 2020	0089_MW264_200330	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	-	<0.02	<0.02	-	<0.02	<0.02	-	-	<0.05	-	-	-
	16 Jul 2020	0089_MW264_200716	Normal	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	-	-	-	-
		0089_QC111_200716	Field_D	-	<0.02	-	<0.02	-	-	<0.02	-	*0.04*	<0.1	<0.02	<0.02	<0.02	0.02	-	<0.01	<0.02	-	-	<0.02	-
	20 Jul 2020	0089_QC211_200716	Interlab_D	-	<0.01	-	<0.01	-	<0.01	-	<0.01	*0.04*[#1]	<0.05	<0.01	<0.01	-	0.02	-	<0.01	<0.01	<0.01	-	<0.01	-
	22 Sep 2020	0089_MW264_200922	Normal	<0.02	<0.02	-	-	-	-	-	-	*0.1*	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	0.01	-	<0.05	<0.02	<0.02	-
	14 Dec 2020	0089_MW264_201214	Normal	<0.02	<0.02	-	<0.02	*1.38*	-	-	-	-	-	<0.02	-	-	-	-	<0.01	<0.02	<0.05	-	<0.02	-
		0089_QC110_201214	Field_D	-	-	-	<0.02	*0.99*	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC210_201114	Interlab_D	-	-	-	-	*1.4*	<0.01	<0.01	-	*0.03*[#1]	<0.05	<0.01	<0.01	<0.01	0.02	<0.01	-	0.01	<0.01	<0.01	<0.01	-
	18 Mar 2021	0089_MW264_210318	Normal	-	<0.02	-	<0.02	*1.3*	-	-	-	*0.05*	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	09 Jun 2021	0089_MW264_210609	Normal	<0.02	<0.02	-	<0.02	*1.19*	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	0.02	<0.05	-	-	-
	31 Aug 2021	0089_MW264_210831	Normal	<0.02	-	-	<0.02	*0.44*	-	<0.02	-	-	<0.1	<0.02	-	-	-	-	<0.01	-	-	<0.02	<0.02	-
0089_MW268	01 Aug 2017	0089_MW268_S_170801	Normal	-	-	-	<0.001	<0.001	-	0.11	-	*0.35*	0.005	<0.002	<0.005	0.003	0.052	<0.001	0.002	-	<0.05	<0.01	<0.002	-
	19 Sep 2017	0089_MW268_S_170919	Normal	0.085	<0.002	-	<0.001	0.005	-	0.11	-	-	0.008	<0.002	<0.005	0.005	0.051	<0.001	0.003	0.003	-	-	<0.002	-
	16 Oct 2017	0089_MW268_S_171016	Normal	0.085	-	-	-	0.002	-	-	-	-	0.008	-	<0.005	0.003	0.046	<0.001	-	0.003	-	<0.01	<0.002	-
	17 Nov 2017	0089_MW268_S_171117	Normal	0.094	-	-	-	0.002	-	-	-	*0.41*	0.009	<0.002	<0.005	-	-	<0.001	-	0.003	<0.05	<0.01	<0.002	-
	07 Dec 2017	0089_MW268_S_171207	Normal	0.13	<0.002	-	<0.001	*0.031*	-	0.18	-	*0.4*	-	<0.002	<0.005	0.002	0.054	-	0.003	0.004	<0.05	<0.01	<0.002	-
	16 Jan 2018	0089_MW268_S_180116	Normal	-	<0.002	-	0.002	-	-	0.13	-	-	0.009	-	<0.005	0.004	-	<0.001	-	0.004	<0.05	-	<0.002	-
	19 Dec 2019	0089_MW268_191219	Normal	0.1	<0.02	-	<0.02	*0.04*	-	-	-	-	-	<0.02	-	<0.02	0.08	<0.02	<0.01	-	<0.05	-	<0.02	-
	30 Mar 2020	0089_MW268_200330	Normal	-	<0.02	-	<0.02	-	-	-	-	-	-	-	<0.02	-	0.07	<0.02	-	-	<0.05	-	<0.02	-
	21 Jul 2020	0089_MW268_200721	Normal	-	-	-	<0.02	-	-	0.12	-	*0.39*	<0.1	<0.02	<0.02	<0.02	0.1	-	<0.01	<0.02	<0.05	-	<0.02	-
	21 Sep 2020	0089_MW268_200921	Normal	0.08	<0.02	-	<0.02	<0.01	-	-	-	-	-	<0.02	<0.02	<0.02	-	-	<0.01	-	-	<0.02	<0.02	-
	14 Dec 2020	0089_MW268_201214	Normal	0.03	-	-	<0.02	-	-	0.04	-	-	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	-	-	<0.05	<0.02	-	-
	16 Mar 2021	0089_MW268_210316	Normal	0.05	<0.02	-	<0.02	-	-	-	-	-	-	<0.02	<0.02	<0.02	0.05	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
		0089_QC116_210316	Field_D	-	-	-	<0.02	-	-	-	-	*0.26*	<0.1	<0.02	<0.02	<0.02	0.03	-	<0.01	-	-	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC114_231213	Field_D	<0.05	-	-	-	-	<0.05	<0.02	-	<0.05	-	-	-	0.21	-	-	-	0.11	-
		0089_QC214_231213	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.01	<0.05	<0.01	<0.01	-	0.23	-	-	0.12	-
	11 Mar 2024	0089_MW259_240311	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	-	<0.05	<0.05	<0.05	0.17	-	-	-	-	-
	28 May 2024	0089_MW259_240528	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.33	-	-	-	-	-
	13 Dec 2024	0089_MW259_241213	Normal	<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	-	0.08	-
				<0.05	-	-	<0.05	-	-	-	-	<0.05	-	<0.05	<0.05	0.11	-	-	-	0.08	-
	18 Mar 2025	0089_MW259_250318	Normal	<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	-	0.11	-
				-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	0.14	-	-	-	-
	03 Jun 2025	0089_MW259_250603	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.21	-	0.18	-	0.14	-
				-	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.21	0.18	-	-	-	-
	15 Sep 2025	0089_MW259_250915	Normal	<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	-	0.07	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	0.09	0.09	-	-	-	-
		0089_QC110_250915	Field_D	<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	-	0.07	-
		0089_QC210_250915	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.2	-	0.15	0.07	0.1	0.1
0089_MW260	08 Mar 2017	0089_MW260_S_170803	Normal	-	-	<0.05	<0.005	<0.002	<0.005	-	-	-	-	<0.001	-	-	-	-	-	-	-
0089_MW261	12 Jan 2017	E06_B88_MB01_170112	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04 Aug 2017	0089_MW261_S_170804	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	26 Sep 2019	0089_MW261_190926	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.001	-	-	-	-	-	-	0.0018	0.0408	0.0408
	25 Oct 2019	0089_MW261_191025	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-
	19 Dec 2019	0089_MW261_191219	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	-	-	-	0.16	-	-	0.16	-
		0089_QC102_191219	Field_D	<0.05	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	-	0.09	-
		0089_QC202_191219	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.98	0.92	-	0.56	-	0.79
	30 Mar 2020	0089_MW261_200330	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	-	-	0.16	-	-	0.16	-
	21 Jul 2020	0089_MW261_200721	Normal	-	-	<0.05	<0.05	-	<0.05	<0.02	-	-	-	-	-	0.21	-	-	-	0.19	-
	22 Sep 2020	0089_MW261_200922	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	0.46	-
	16 Dec 2020	0089_MW261_201216	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
	18 Mar 2021	0089_MW261_210318	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.29	0.29	-	-	0.26	-
	09 Jun 2021	0089_MW261_210609	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.11	-	-	-	0.11	-
	31 Aug 2021	0089_MW261_210831	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	-	-	0.13	-	-	0.13	-
	11 Jan 2022	0089_MW261_220111	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.05	-	-	-	-
	17 Mar 2022	0089_MW261_220317	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	-	-	-	0.03	-	-	-	-
0089_MW262	12 Jan 2017	E06_MW2_170112	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08 Mar 2017	0089_MW262_S_170803	Normal	-	<0.002	-	-	<0.002	-	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
	13 Sep 2017	0089_MW262_S_170913	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Oct 2017	0089_MW262_S_171020	Normal	<0.1	<0.002	-	-	-	<0.005	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	21 Nov 2017	0089_MW262_S_171121	Normal	<0.01	<0.002	<0.05	-	-	<0.005	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	08 Dec 2017	0089_MW262_S_171208	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	0.003	-	<0.001	-	-	-	-	-	-
	19 Jan 2018	0089_MW262_S_180119	Normal	-	<0.002	-	-	-	<0.005	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
0089_MW264	01 Aug 2017	0089_MW264_S_170801	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	19 Sep 2017	0089_MW264_S_170919	Normal	<0.01	<0.002	-	<0.005	<0.002	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	16 Oct 2017	0089_MW264_S_171016	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	17 Nov 2017	0089_MW264_S_171117	Normal	<0.1	<0.002	<0.05	<0.05	-	-	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_QC1MW_171117	Field_D	<0.1	-	<0.05	-	<0.002	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_171117	Interlab_D	<0.05	<0.05	<0.05	-	-	-	<0.05	-	<0.01	<0.05	-	-	-	0.42	-	-	0.41	-
	07 Dec 2017	0089_MW264_S_171207	Normal	-	-	-	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW264_S_180116	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Dec 2019	0089_MW264_191219	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	-	-	-	<0.05	-	-	-	-	2.55	-
	30 Mar 2020	0089_MW264_200330	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	1.35	1.35	-	-	-	-
	16 Jul 2020	0089_MW264_200716	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	1.43	1.43	-	-	1.41	-
		0089_QC111_200716	Field_D	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	1.4	1.4	-	-	1.38	-
	20 Jul 2020	0089_QC211_200716	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	-	-	1.36	-	1.3	1.34	-
	22 Sep 2020	0089_MW264_200922	Normal	<0.05	-	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	1.05	-	-	-	0.99	-
	14 Dec 2020	0089_MW264_201214	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	1.41	1.41	-	-	-	-
		0089_QC110_201214	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	1.02	1.02	-	-	-	-
		0089_QC210_201114	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	-	<0.01	1.46	1.46	-	1.4	1.43	1.43
	18 Mar 2021	0089_MW264_210318	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	1.35	-
	09 Jun 2021	0089_MW264_210609	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	1.27	-	-	-	-	-
	31 Aug 2021	0089_MW264_210831	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.54	0.54	-	-	0.54	-
0089_MW268	01 Aug 2017	0089_MW268_S_170801	Normal	-	<0.002	-	-	<0.002	<0.005	<0.01	-	-	<0.001	-	-	-	-	-	-	-	-
	19 Sep 2017	0089_MW268_S_170919	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	16 Oct 2017	0089_MW268_S_171016	Normal	<0.01	-	<0.05	-	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	17 Nov 2017	0089_MW268_S_171117	Normal	-	<0.002	<0.05	<0.05	-	-	-	-	<0.001	0.004	-	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW268_S_171207	Normal	<0.01	-	-	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW268_S_180116	Normal	<0.01	<0.002	-	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	19 Dec 2019	0089_MW268_191219	Normal	-	-	<0.05	<0.05	-	-	<0.02	-	-	0.14	-	<0.05	1.24	1.12	-	-	0.8	-
	30 Mar 2020	0089_MW268_200330	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	-	<0.05	0.75	-	-	-	-	-
	21 Jul 2020	0089_MW268_200721	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.68	0.56	-	-	0.39	-
	21 Sep 2020	0089_MW268_200921	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.51	-	-	0.37	-
	14 Dec 2020	0089_MW268_201214	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	-	-	0.26	-	-	0.2	-
	16 Mar 2021	0089_MW268_210316	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	-	0.4	-	-	0.3	-
		0089_QC116_210316	Field_D	-	-	<0.05	<0.05	-	-	<0.02	-	-	-	<0.05	<0.05	-	0.33	-	-	0.26	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC216_210316	Interlab_D	0.03	<0.01	-	-	-	-	-	<0.01	*0.31*[#1]	<0.05	-	<0.01	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	-
	09 Jun 2021	0089_MW268_210609	Normal	0.05	<0.02	-	-	-	-	0.09	-	*0.28*	<0.1	<0.02	<0.02	<0.02	0.06	-	-	<0.02	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW268_210831	Normal	-	<0.02	-	-	<0.01	-	0.09	-	-	<0.1	-	-	<0.02	0.04	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	11 Jan 2022	0089_MW268_220111	Normal	-	-	-	-	<0.01	-	-	-	*0.41*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	17 Mar 2022	0089_MW268_220317	Normal	0.07	<0.02	-	<0.02	*0.02*	-	-	-	*0.33*	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	09 Jun 2022	0089_MW268_220609	Normal	0.05	-	-	-	-	-	0.07	-	-	<0.1	<0.02	-	<0.02	0.05	-	<0.01	<0.02	-	-	<0.02	-
	06 Sep 2022	0089_MW268_220906	Normal	0.06	-	-	<0.02	<0.01	-	-	-	*0.58*	<0.1	-	-	<0.02	0.05	<0.02	-	<0.02	<0.05	-	<0.02	-
	13 Dec 2022	0089_MW268_221213	Normal	0.05	-	-	-	<0.01	-	0.05	-	*0.34*	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	15 Mar 2023	0089_MW268_230315	Normal	0.05	<0.02	-	<0.02	<0.01	-	-	-	-	-	-	-	<0.02	0.06	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	06 Jun 2023	0089_MW268_230606	Normal	-	<0.02	-	<0.02	*0.01*	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	04 Sep 2023	0089_MW268_230904	Normal	-	<0.02	-	<0.02	-	-	-	-	-	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	<0.01	<0.02	-	-	<0.02	-
	12 Dec 2023	0089_MW268_231212	Normal	0.04	-	-	-	<0.01	-	-	-	*0.33*	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	12 Mar 2024	0089_MW268_240312	Normal	-	<0.02	-	<0.02	-	-	0.06	-	*0.34*	<0.1	-	<0.02	<0.02	0.06	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	28 May 2024	0089_MW268_240528	Normal	0.07	<0.02	-	<0.02	-	-	0.06	-	*0.25*	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	13 Dec 2024	0089_MW268_241213	Normal	0.30	<0.02	<0.02	<0.02	<0.01	0.12	0.26	-	*0.82*	<0.1	<0.02	<0.02	<0.02	0.22	<0.02	<0.01	0.04	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	0.12	0.26	<0.02	-	<0.1	<0.02	<0.02	<0.02	0.22	-	-	-	<0.05	<0.02	<0.02	-
		0089_QC104_241213	Field_D	0.30	<0.02	<0.02	<0.02	<0.01	0.11	0.27	-	*0.72*	<0.1	<0.02	<0.02	<0.02	0.21	<0.02	<0.01	0.03	<0.05	<0.02	<0.02	<0.05
				0.3	-	-	<0.02	<0.01	-	0.27	<0.02	*0.72*	<0.1	-	<0.02	-	0.21	<0.02	-	-	-	-	<0.02	-
		0089_QC204_241213	Interlab_D	0.25	<0.01	<0.01	<0.01	<0.01	0.11	0.21[#1]	-	*0.69*[#1]	<0.05	<0.01	<0.01	<0.05	0.17	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	-
				-	<0.01	-	<0.01	<0.01	0.11	-	-	-	-	-	-	<0.05	0.17	<0.01	-	-	<0.01	<0.01	<0.01	-
	17 Mar 2025	0089_MW268_250317	Normal	0.22	<0.02	<0.02	<0.02	<0.01	0.08	0.23	-	*0.72*	<0.1	<0.02	<0.02	<0.02	0.22	<0.02	<0.01	0.05	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	-	-	0.08	0.23	<0.02	*0.72*	<0.1	-	-	<0.02	0.22	<0.02	<0.01	-	<0.05	<0.02	-	<0.05
	03 Jun 2025	0089_MW268_250603	Normal	0.25	<0.02	<0.02	<0.02	*0.02*	0.09	0.27	-	*0.85*	<0.1	<0.02	<0.02	<0.02	0.26	<0.02	0.01	0.05	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	*0.02*	0.09	0.27	<0.02	-	-	<0.02	<0.02	<0.02	0.26	<0.02	-	0.05	-	<0.02	<0.02	<0.05
	17 Sep 2025	0089_MW268_250917	Normal	0.17	<0.02	<0.02	<0.02	<0.01	0.07	0.20	-	*0.67*	<0.1	<0.02	<0.02	<0.02	0.16	<0.02	<0.01	0.03	<0.05	<0.02	<0.02	<0.05
				0.17	-	-	-	-	0.07	0.2	-	*0.67*	<0.1	<0.02	<0.02	<0.02	0.16	-	<0.01	-	<0.05	<0.02	-	<0.05
0089_MW269	01 Aug 2017	0089_MW269_S_170801	Normal	0.015	<0.002	-	-	*0.27*	-	-	-	-	0.006	<0.002	-	0.002	0.023	-	-	0.01	<0.05	<0.01	<0.002	-
	19 Sep 2017	0089_MW269_S_170919	Normal	0.027	<0.002	-	0.003	*0.29*	-	-	-	*0.3*	0.01	<0.002	<0.005	-	-	<0.001	-	-	<0.05	<0.01	<0.002	-
	16 Oct 2017	0089_MW269_S_171016	Normal	-	<0.002	-	-	-	-	0.04	-	*0.34*	-	<0.002	-	0.01	0.063	-	0.009	0.022	-	<0.01	-	-
	17 Nov 2017	0089_MW269_S_171117	Normal	0.031	-	-	-	*0.27*	-	-	-	-	0.01	-	<0.005	-	0.052	<0.001	-	0.021	<0.05	<0.01	<0.002	-
	07 Dec 2017	0089_MW269_S_171207	Normal	0.012	-	-	-	*0.18*	-	0.009	-	*0.082*	-	-	<0.005	0.002	-	-	-	0.007	<0.05	-	<0.002	-
	16 Jan 2018	0089_MW269_S_180116	Normal	-	<0.002	-	-	*0.24*	-	0.034	-	-	0.01	<0.002	-	-	-	<0.001	0.007	0.024	<0.05	-	<0.002	-
	19 Dec 2019	0089_MW269_191219	Normal	0.1	<0.02	-	<0.02	*1.03*	-	0.14	-	*0.53*	-	<0.02	<0.02	<0.02	0.2	<0.02	-	0.04	<0.05	-	-	-
	30 Mar 2020	0089_MW269_200330	Normal	-	<0.02	-	-	*0.67*	-	0.11	-	*0.44*	<0.1	<0.02	-	<0.02	0.14	<0.02	-	-	-	-	<0.02	-
	21 Jul 2020	0089_MW269_200721	Normal	0.05	<0.02	-	-	*0.51*	-	-	-	*0.31*	-	<0.02	-	-	-	-	<0.01	0.02	-	-	<0.02	-
	21 Sep 2020	0089_MW269_200921	Normal	-	-	-	<0.02	*0.65*	-	0.1	-	-	<0.1	<0.02	-	<0.02	-	<0.02	0.01	-	-	-	<0.02	-
	14 Dec 2020	0089_MW269_201214	Normal	-	<0.02	-	-	*0.35*	-	-	-	*0.3*	<0.1	<0.02	<0.02	-	0.08	-	<0.01	0.02	-	-	-	-
	16 Mar 2021	0089_MW269_210316	Normal	-	<0.02	-	-	-	-	-	-	*0.59*	-	-	<0.02	-	0.12	<0.02	0.01	-	-	<0.02	<0.02	-
	09 Jun 2021	0089_MW269_210609	Normal	0.09	-	-	<0.02	*0.45*	-	-	-	*0.6*	-	<0.02	<0.02	-	0.13	<0.02	0.01	0.03	<0.05	-	-	-
	31 Aug 2021	0089_MW269_210831	Normal	-	-	-	<0.02	*0.41*	-	0.1	-	*0.59*	<0.1	-	<0.02	-	-	<0.02	0.01	0.03	<0.05	<0.02	<0.02	-
	11 Jan 2022	0089_MW269_220111	Normal	-	<0.02	-	-	*0.22*	-	-	-	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	17 Mar 2022	0089_MW269_220317	Normal	0.06	-	-	<0.02	*0.56*	-	0.1	-	-	<0.1	<0.02	<0.02	-	0.14	<0.02	0.01	0.02	-	<0.02	<0.02	-
	09 Jun 2022	0089_MW269_220609	Normal	0.05	-	-	<0.02	*0.43*	-	0.09	-	*0.61*	-	<0.02	<0.02	-	0.11	<0.02	-	-	<0.05	<0.02	<0.02	-
	06 Sep 2022	0089_MW269_220906	Normal	0.06	<0.02	-	<0.02	-	-	0.09	-	-	-	<0.02	<0.02	<0.02	0.12	-	0.02	-	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW269_221213	Normal	-	<0.02	-	-	*0.19*	-	<0.02	-	-	-	<0.02	-	<0.02	-	-	<0.01	-	<0.05	<0.02	-	-
	15 Mar 2023	0089_MW269_230315	Normal	-	<0.02	-	-	*0.34*	-	0.08	-	*0.33*	-	<0.02	<0.02	<0.02	0.07	<0.02	-	0.02	-	<0.02	<0.02	-
	06 Jun 2023	0089_MW269_230606	Normal	-	<0.02	-	-	*0.35*	-	0.07	-	-	<0.1	-	<0.02	<0.02	0.09	<0.02	<0.01	0.02	<0.05	<0.02	<0.02	-
	04 Sep 2023	0089_MW269_230904	Normal	-	<0.02	-	<0.02	-	-	-	-	*0.31*	<0.1	-	-	-	-	<0.02	0.01	<0.02	<0.05	<0.02	-	-
	12 Dec 2023	0089_MW269_231212	Normal	0.06	<0.02	-	-	-	-	-	-	*0.31*	<0.1	-	-	<0.02	0.14	<0.02	0.01	0.02	<0.05	<0.02	-	-
	12 Mar 2024	0089_MW269_240312	Normal	0.1	<0.02	-	-	*0.41*	-	0.12	-	*0.55*	<0.1	<0.02	-	-	0.2	<0.02	0.02	0.04	<0.05	-	<0.02	-
	29 May 2024	0089_MW269_240529	Normal	-	<0.02	-	<0.02	*0.31*	-	0.13	-	*0.79*	-	<0.02	<0.02	0.02	-	<0.02	0.02	-	<0.05	-	<0.02	-
	13 Dec 2024	0089_MW269_241213	Normal	0.10	<0.02	<0.02	<0.02	*0.42*	<0.02	0.07	-	*0.78*	<0.1	<0.02	<0.02	<0.02	0.13	<0.02	0.03	0.04	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	*0.42*	<0.02	0.07	<0.02	-	<0.1	<0.02	<0.02	<0.02	0.13	<0.02	0.03	0.04	-	<0.02	<0.02	-
	17 Mar 2025	0089_MW269_250317	Normal	0.05	<0.02	<0.02	<0.02	*0.45*	<0.02	0.07	-	*0.75*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.01	0.02	<0.05	<0.02	<0.02	<0.05
				0.05	-	-	<0.02	*0.45*	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	-	0.01	0.02	<0.05	<0.02	-	<0.05
	03 Jun 2025	0089_MW269_250603	Normal	0.05	<0.02	<0.02	<0.02	*0.36*	<0.02	0.05	-	*0.52*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	0.03	<0.05	<0.02	<0.02	<0.05
				0.05	<0.02	-	<0.02	-	<0.02	-	<0.02	*0.52*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	-	-	<0.02	<0.02	<0.05
		0089_QC101_250603	Field_D	0.04	<0.02	<0.02	<0.02	*0.35*	<0.02	0.05	-	*0.51*	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	0.03	<0.05	<0.02	<0.02	<0.05
		0089_QC201_250603	Interlab_D	0.07	<0.01	<0.01	0.01[#1]	*0.51*[#1]	0.02	0.07[#1]	-	*0.72*[#1]	<0.05	<0.01	<0.01	<0.05	0.12	<0.01	0.02[#1]	0.04	<0.01	<0.01	<0.01	-
	17 Sep 2025	0089_MW269_250917	Normal	0.04	<0.02	<0.02	<0.02	*0.36*	<0.02	0.05	-	*0.46*	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.01	0.02	<0.05	<0.02	<0.02	<0.05
				0.04	<0.02	-	<0.02	*0.36*	<0.02	0.05	<0.02	*0.46*	<0.1	<0.02	<0.02	<0.02	-	-	-	-	-	<0.02	<0.02	-
0089_MW272	01 Aug 2017	0089_MW272_S_170801	Normal	<0.001	<0.002	-	-	0.002	-	-	-	0.001	-	-	-	<0.001	-	<0.001	<0.001	<0.002	-	<0.01	-	-
	19 Sep 2017	0089_MW272_D_170919	Normal	<0.001	<0.002	-	<0.001	0.002	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	-	0.001	<0.001	<0.001	<0.002	-	<0.01	-	-
		0089_MW272_S_170919	Normal	<0.001	-	-	<0.001	0.004	-	-	-	-	-	<0.002	-	-	0.002	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
	17 Oct 2017	0089_MW272_D_171017	Normal	<0.001	-	-	<0.001	0.001	-	<0.001	-	0.001	0.005	<0.002	<0.005	0.002	0.003	-	-	-	-	<0.002	-	-
		0089_MW272_S_171017	Normal	<0.001	<0.002	-	-	-	-	<0.001	-	-	0.006	<0.002	-	-	0.003	<0.001	-	0.002	<0.05	<0.01	<0.002	-
	20 Nov 2017	0089_MW272_D_171120	Normal	<0.001	-	-	-	0.005	-	<0.001	-	0.004	-	<0.002	-	<0.001	<0.001	<0.001	<0.001	<0.002	-	<0.01	-	-
		0089_MW272_S_171120	Normal	<0.001	<0.002	-	<0.001	*0.016*	-	<0.001	-	0.005	-	-	<0.005	-	-	<0.001	-	-	<0.05	-	<0.002	-
	04 Dec 2017	0089_MW272_D_171204	Normal	-	<0.002	-	<0.001	-	-	<0.001	-	0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	-	-	-	-	<0.002	-
		0089_MW272_S_171204	Normal	<0.001	-	-	-	0.001	-	<0.001	-	0.002	0.002	<0.002	-	<0.001	-	<0.001	<0.001	-	-	-	<0.002	-
	17 Jan 2018	0089_MW272_D_1801117	Normal	<0.001	<0.002	-	<0.001	-	-	-	-	-	0.002	<0.002	-	<0.001	-	-	<0.001	<0.002	<0.05	-	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC216_210316	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	0.44	0.38	-	<0.01	0.31	0.31
	09 Jun 2021	0089_MW268_210609	Normal	-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.48	-	-	-	-	-
	31 Aug 2021	0089_MW268_210831	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.6	-	-	-	0.41	-
	11 Jan 2022	0089_MW268_220111	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.48	-	-	0.41	-
	17 Mar 2022	0089_MW268_220317	Normal	-	-	-	<0.05	-	-	<0.02	-	-	-	<0.05	<0.05	0.53	0.47	-	-	0.35	-
	09 Jun 2022	0089_MW268_220609	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	0.58	0.51	-	-	-	-
	06 Sep 2022	0089_MW268_220906	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	-	-	-	0.77	0.69	-	-	-	-
	13 Dec 2022	0089_MW268_221213	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	<0.05	-	<0.05	0.46	-	-	-	-	-
	15 Mar 2023	0089_MW268_230315	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-	<0.05	-	0.43	-	-	0.32	-
	06 Jun 2023	0089_MW268_230606	Normal	-	-	-	<0.05	-	-	-	-	<0.05	<0.05	-	-	0.48	0.41	-	-	-	-
	04 Sep 2023	0089_MW268_230904	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	-	<0.05	<0.05	-	0.56	-	-	-	0.32	-
	12 Dec 2023	0089_MW268_231212	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.05	<0.05	-	0.47	-	-	-	0.33	-
	12 Mar 2024	0089_MW268_240312	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	-	-	<0.05	-	0.46	-	-	-	-	-
	28 May 2024	0089_MW268_240528	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.41	-	-	-	-	-
	13 Dec 2024	0089_MW268_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.76	-	1.38	-	0.82	-
				<0.05	-	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	1.76	1.38	-	-	0.82	-
		0089_QC104_241213	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.64	-	1.26	-	0.72	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	1.64	1.26	-	-	0.72	-
		0089_QC204_241213	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	1.46	-	1.14	<0.01	0.69	0.69
				<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	1.46	1.14	-	-	0.69	-
	17 Mar 2025	0089_MW268_250317	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.52	-	1.21	-	0.72	-
				<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	1.52	1.21	-	-	-	-
	03 Jun 2025	0089_MW268_250603	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.80	-	1.44	-	0.87	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	1.8	-	-	-	0.87	-
	17 Sep 2025	0089_MW268_250917	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.30	-	1.03	-	0.67	-
				<0.05	-	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	-	1.3	1.03	-	-	-	-
0089_MW269	01 Aug 2017	0089_MW269_S_170801	Normal	-	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Sep 2017	0089_MW269_S_170919	Normal	<0.01	-	-	<0.005	-	<0.005	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	16 Oct 2017	0089_MW269_S_171016	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	17 Nov 2017	0089_MW269_S_171117	Normal	-	-	<0.05	<0.05	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW269_S_171207	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	16 Jan 2018	0089_MW269_S_180116	Normal	<0.01	<0.002	<0.05	-	-	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	19 Dec 2019	0089_MW269_191219	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	2.35	2.21	-	-	1.56	-
	30 Mar 2020	0089_MW269_200330	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	1.48	1.37	-	-	-	-
	21 Jul 2020	0089_MW269_200721	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	1.12	-	-	-	0.82	-
	21 Sep 2020	0089_MW269_200921	Normal	-	<0.02	-	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	-	1.27	-	-	-	-
	14 Dec 2020	0089_MW269_201214	Normal	-	<0.02	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	0.85	0.79	-	-	0.65	-
	16 Mar 2021	0089_MW269_210316	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	1.39	-	-	-	1.07	-
	09 Jun 2021	0089_MW269_210609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	1.44	-	-	-	-	-
	31 Aug 2021	0089_MW269_210831	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	1	-
	11 Jan 2022	0089_MW269_220111	Normal	<0.05	-	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	0.46	-
	17 Mar 2022	0089_MW269_220317	Normal	-	-	<0.05	-	-	<0.05	-	-	-	<0.05	<0.05	<0.05	1.41	1.31	-	-	1.08	-
	09 Jun 2022	0089_MW269_220609	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	1.32	1.23	-	-	-	-
	06 Sep 2022	0089_MW269_220906	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	1.46	-	-	-	1.14	-
	13 Dec 2022	0089_MW269_221213	Normal	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	-	0.31	-	-	-	0.29	-
	15 Mar 2023	0089_MW269_230315	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	0.67	-
	06 Jun 2023	0089_MW269_230606	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	-	0.88	-	-	-	0.65	-
	04 Sep 2023	0089_MW269_230904	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	-	<0.05	-	<0.05	-	-	-	-	0.62	-
	12 Dec 2023	0089_MW269_231212	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	-	0.92	-	-	-	-
	12 Mar 2024	0089_MW269_240312	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	1.46	-	-	-	0.96	-
	29 May 2024	0089_MW269_240529	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	-	<0.05	-	<0.05	1.6	1.47	-	-	1.1	-
	13 Dec 2024	0089_MW269_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.57	-	1.50	-	1.20	-
				-	<0.02	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	1.57	1.5	-	-	1.2	-
	17 Mar 2025	0089_MW269_250317	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.42	-	1.35	-	1.20	-
				<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	1.42	-	-	-	-	-
	03 Jun 2025	0089_MW269_250603	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.12	-	1.07	-	0.88	-
				-	-	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-
		0089_QC101_250603	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.09	-	1.04	-	0.86	-
		0089_QC201_250603	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	1.58	-	1.48	0.53	1.23	1.25
	17 Sep 2025	0089_MW269_250917	Normal	<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	-	0.82	-
				-	<0.02	-	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	0.82	-
0089_MW272	01 Aug 2017	0089_MW272_S_170801	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	0.002	<0.001	<0.001	-	-	-	-	-	-
	19 Sep 2017	0089_MW272_D_170919	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW272_S_170919	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	17 Oct 2017	0089_MW272_D_171017	Normal	-	<0.002	<0.05	<0.03	<0.002	<0.005	<0.01	-	-	-	<0.001	-	-	-	-	-	-	-
		0089_MW272_S_171017	Normal	<0.05	<0.002	<0.05	-	-	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	20 Nov 2017	0089_MW272_D_171120	Normal	<0.1	<0.002	<0.05	-	-	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
		0089_MW272_S_171120	Normal	-	<0.002	<0.05	<0.05	-	-	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	04 Dec 2017	0089_MW272_D_171204	Normal	<0.02	<0.002	-	<0.01	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
		0089_MW272_S_171204	Normal	<0.02	<0.002	-	<0.01	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	17 Jan 2018	0089_MW272_D_1801117	Normal	<0.01	-	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_MW272_S_1801117	Normal	<0.001	<0.002	-	<0.001	-	-	-	-	-	0.004	-	<0.005	<0.001	0.001	<0.001	-	<0.002	-	-	<0.002	-
	01 Feb 2018	0089_MW272_D_180201	Normal	<0.001	-	-	<0.001	-	-	-	-	0.002	-	-	-	<0.001	0.002	<0.001	<0.001	-	-	<0.01	<0.002	-
		0089_MW272_I_180201	Normal	-	<0.002	-	<0.001	0.002	-	-	-	-	-	<0.002	-	<0.001	-	<0.001	-	<0.002	<0.05	<0.01	<0.002	-
		0089_MW272_S_180201	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	0.003	0.006	-	<0.005	-	-	<0.001	-	-	<0.05	<0.01	<0.002	-
	08 Jan 2020	0089_MW272_200108	Normal	-	-	-	<0.02	*0.1*	-	<0.02	-	-	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	30 Mar 2020	0089_MW272_200330	Normal	<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	-
	20 Jul 2020	0089_MW272_200720	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	-	<0.02	-	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	22 Sep 2020	0089_MW272_200922	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	-	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	-	-	-
	14 Dec 2020	0089_MW272_201214	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC106_201214	Field_D	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC206_201114	Interlab_D	-	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	-	-	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	-
	16 Mar 2021	0089_MW272_210316	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	-	<0.02	-	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	08 Jun 2021	0089_MW272_210608	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	31 Aug 2021	0089_MW272_210831	Normal	0.46	<0.02	-	1.89	*68.1*	-	1.51	-	*17.4*	0.3	-	<0.02	0.38	-	0.02	*1.77*	-	<0.05	<0.02	-	-
0089_MW274	02 Oct 2017	0089_MW274_D_171002	Normal	-	-	-	<0.001	-	-	-	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	-	-	-
0089_MW282	11 Sep 2017	0089_MW282_S_170911	Normal	-	-	-	15	*60*	-	6.8	-	-	1.4	-	-	1	10	<0.01	*13*	0.78	-	<0.1	<0.02	-
	16 Oct 2017	0089_MW282_S_171016	Normal	*6*	<0.02	-	5.7	*75*	-	5.9	-	*58*	-	<0.02	-	-	14	0.02	-	-	<0.5	<0.1	-	-
	17 Nov 2017	0089_MW282_S_171117	Normal	*5.3*	-	-	-	*80*	-	6	-	-	1.3	<0.02	-	2.5	-	-	*10*	3.1	-	<0.1	<0.02	-
	05 Dec 2017	0089_MW282_S_171205	Normal	*8*	-	-	4.3	*100*	-	-	-	*44*	-	-	<0.1	1.3	-	<0.02	*7.6*	-	<1	<0.2	<0.04	-
	15 Jan 2018	0089_MW282_S_180115	Normal	*4.9*	-	-	4.7	-	-	7.6	-	-	1.5	-	<0.005	2.5	-	0.024	*7.2*	2.1	<0.05	<0.01	<0.002	-
	19 Dec 2019	0089_MW282_191219	Normal	-	<0.02	-	6.15	*183*	-	-	-	*59.8*	1.1	<0.02	<0.02	-	11.8	-	*7.7*	2.85	-	<0.02	<0.02	-
		0089_QC101_191219	Field_D	-	<0.02	-	5.4	*120*	-	-	-	*50.3*	0.6	<0.02	<0.02	3.29	-	-	-	2.81	<0.05	<0.02	<0.02	-
	31 Mar 2020	0089_MW282_200331	Normal	*5.69*	<0.02	-	6.36	-	-	9.88	-	*68.8*	-	<0.02	<0.02	4.43	21.8	0.02	*8.84*	4.66	-	-	-	-
	22 Jul 2020	0089_MW282_200722	Normal	0.67	<0.02	-	9.06	-	-	-	-	*43.7*	0.2	<0.02	-	0.99	3.83	-	*10.1*	0.55	<0.05	-	<0.02	-
	24 Sep 2020	0089_MW282_200924	Normal	-	<0.02	-	6.14	*38.8*	-	2.61	-	*19.8*	-	-	-	-	5.56	0.03	*6.69*	-	<0.05	<0.02	<0.02	-
	15 Dec 2020	0089_MW282_201215	Normal	*3.29*	-	-	-	*44.1*	-	7.16	-	-	-	<0.02	<0.02	2.08	11.7	<0.02	-	-	<0.05	<0.02	<0.02	-
	18 Mar 2021	0089_MW282_210318	Normal	*2.77*	<0.02	-	5.61	-	-	-	-	*45.8*	1.3	<0.02	<0.02	2.17	-	0.04	*7.28*	-	<0.05	<0.02	-	-
	09 Jun 2021	0089_MW282_210609	Normal	-	<0.02	-	3.15	*40.3*	-	7.83	-	*42.7*	1.4	<0.02	<0.02	-	16.9	-	*4.5*	2.75	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW282_210831	Normal	*1.68*	<0.02	-	-	*45.1*	-	-	-	*34*	0.6	<0.02	<0.02	1.48	7	0.03	*9.37*	-	-	<0.02	<0.02	-
	13 Jan 2022	0089_MW282_220113	Normal	*1*	-	-	20.7	*91.7*	-	2.81	-	-	0.4	<0.02	-	1.1	4.98	0.07	*13.1*	-	<0.05	<0.02	<0.02	-
	17 Mar 2022	0089_MW282_220317	Normal	*3.02*	<0.02	-	9.56	*76.9*	-	6.09	-	*63*	1	-	-	2.81	12.6	-	*12*	-	<0.05	<0.02	<0.02	-
	08 Jun 2022	0089_MW282_220608	Normal	-	<0.02	-	4.29	*71.3*	-	-	-	*23.7*	-	<0.02	<0.02	1.44	3.72	0.04	*4.1*	-	-	<0.02	-	-
	08 Sep 2022	0089_MW282_220908	Normal	0.13	<0.02	-	10.2	*103*	-	0.28	-	-	<0.1	<0.02	<0.02	0.47	0.92	0.05	*9.32*	0.15	<0.05	<0.02	<0.02	-
	13 Dec 2022	0089_MW282_221213	Normal	-	<0.02	-	11.2	*66.8*	-	2.7	-	*41.1*	-	-	<0.02	-	-	-	*11.8*	-	-	<0.02	<0.02	-
	15 Mar 2023	0089_MW282_230315	Normal	*2.85*	<0.02	-	6.22	*47.9*	-	6.23	-	-	-	<0.02	<0.02	-	9.52	-	-	2.02	<0.05	<0.02	-	-
	08 Jun 2023	0089_MW282_230608	Normal	*1.25*	<0.02	-	4.68	*81.5*	-	3.31	-	-	0.6	<0.02	<0.02	1.53	6.27	-	*6.35*	1.03	<0.05	<0.02	-	-
	13 Dec 2023	0089_MW282_231213	Normal	*1.29*	-	-	-	*62.8*	-	5.68	-	*28.8*	0.6	<0.02	<0.02	-	6.23	<0.02	*4.14*	0.75	<0.05	<0.02	<0.02	-
	13 Mar 2024	0089_MW282_240313	Normal	-	<0.02	-	5.55	-	-	-	-	*36.8*	0.7	-	<0.02	2.41	7.94	-	*5.24*	1.26	-	-	-	-
	16 Dec 2024	0089_MW539_241216	Normal	0.17	<0.02	<0.02	<0.02	*1.14*	0.03	0.22	-	*0.69*	<0.1	<0.02	<0.02	0.09	0.38	<0.02	0.08	0.06	<0.05	<0.02	<0.02	<0.05
	05 Jun 2025	0089_MW282_250605	Normal	*2.43*	<0.02	<0.04[#2]	5.77	*73.0*	0.58	4.59	-	*55.1*	0.9	<0.02	<0.02	2.30	9.21	<0.02	*7.57*	1.86	<0.05	<0.02	<0.02	<0.05
				-	-	-	5.77	*73*	0.58	4.59	<0.04[#2]	-	0.9	-	-	2.3	9.21	<0.02	-	1.86	<0.05	-	<0.02	<0.05
		0089_QC104_250605	Field_D	*2.90*	<0.02	<0.04[#2]	6.41	*46.4*	0.71	9.11	-	*59.4*	1.2	<0.02	<0.02	2.98	13.4	0.03	*7.34*	2.08	<0.05	<0.02	<0.02	<0.05
	16 Jun 2025	0089_QC204_250605	Interlab_D	*3.2*	<0.1[#5]	<0.1[#5]	5.2[#1]	*63*[#1]	0.74	6.8[#1]	-	*67*[#1]	1.1	<0.1[#5]	<0.1[#5]	3.0[#1]	12	<0.1[#5]	*7.9*[#1]	1.9	<0.1[#5]	<0.1[#5]	<0.1[#5]	-
	17 Sep 2025	0089_MW282_250917	Normal	0.198	<0.087[#2]	<0.002	2.95	*87.3*	0.04	0.299	-	*9.49*	0.14	<0.002	<0.002	0.394	1.18	0.033	*3.21*	0.214	<0.005	<0.002	<0.002	<0.005
				0.198	<0.087[#2]	-	-	-	0.04	0.299	<0.002	-	-	<0.002	<0.002	0.394	1.18	0.033	-	-	<0.005	<0.002	-	<0.005
0089_MW288	18 Sep 2017	0089_MW288_S_170918	Normal	0.26	-	-	-	*8.7*	-	0.26	-	*0.97*	0.052	-	-	0.045	0.21	0.024	0.097	-	<0.05	-	-	-
	17 Oct 2017	0089_MW288_S_171017	Normal	0.29	<0.002	-	0.1	*9.1*	-	0.17	-	*0.81*	0.059	0.006	<0.005	-	-	-	0.09	0.082	<0.05	-	-	-
	15 Nov 2017	0089_MW288_S_171115	Normal	0.13	<0.002	-	0.11	*7.5*	-	0.14	-	*1.3*	0.039	-	<0.005	-	0.2	0.024	0.1	0.034	<0.05	<0.01	<0.002	-
	07 Dec 2017	0089_MW288_S_171207	Normal	0.24	-	-	0.11	*9.2*	-	0.22	-	-	0.046	0.004	<0.005	0.039	0.2	-	-	-	<0.05	-	<0.002	-
	15 Jan 2018	0089_MW288_S_180115	Normal	0.23	<0.002	-	0.084	-	-	0.2	-	*0.86*	-	0.005	-	0.04	0.22	0.023	-	-	<0.05	<0.01	<0.002	-
	15 Jul 2020	0089_MW288_200715	Normal	-	-	-	-	*12*	-	-	-	-	<0.1	-	<0.02	0.07	0.32	0.02	0.12	0.07	<0.05	<0.02	-	-
	17 Mar 2021	0089_MW288_210317	Normal	0.44	<0.02	-	0.04	-	-	0.28	-	-	<0.1	<0.02	-	0.03	0.52	-	0.04	-	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW288_210831	Normal	0.16	<0.02	-	0.03	-	-	-	-	-	<0.1	<0.02	-	<0.02	-	<0.02	-	0.04	<0.05	-	<0.02	-
	12 Jan 2022	0089_MW288_220112	Normal	0.02	<0.02	-	-	-	-	0.03	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	-	-
	18 Mar 2022	0089_MW288_220318	Normal	<0.02	<0.02	-	-	-	-	-	-	*0.05*	<0.1	<0.02	-	-	0.03	<0.02	<0.01	-	-	<0.02	<0.02	-
	08 Jun 2022	0089_MW288_220608	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	<0.1	-	-	<0.02	-	-	<0.01	<0.02	-	<0.02	<0.02	-
	06 Sep 2022	0089_MW288_220906	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	<0.02	-	-	-	<0.02	<0.01	-	<0.05	<0.02	-	-
	12 Dec 2022	0089_MW288_221212	Normal	-	-	-	<0.02	-	-	<0.02	-	*0.08*	-	-	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	14 Mar 2023	0089_MW288_230314	Normal	-	-	-	<0.02	-	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	-	<0.02	-
	07 Jun 2023	0089_MW288_230607	Normal	<0.02	-	-	<0.02	*1.22*	-	-	-	-	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	05 Sep 2023	0089_MW288_230905	Normal	-	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	-	<0.01	-	-	<0.02	-	-
	13 Dec 2023	0089_MW288_231213	Normal	-	<0.02	-	<0.02	*0.33*	-	-	-	-	<0.1	<0.02	-	<0.02	-	-	<0.01	-	<0.05	<0.02	-	-
	12 Mar 2024	0089_MW288_240312	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	28 May 2024	0089_MW288_240528	Normal	<0.02	<0.02	-	-	*1.2*	-	-	-	*0.07*	<0.1	<0.02	-	-	<0.02	-	0.01	-	<0.05	-	-	-
	17 Dec 2024	0089_MW288_241217	Normal	<0.02	<0.02	<0.02	<0.02	*0.20*	<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	<0.02	<0.05
				<0.02	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.1	-	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	-	<0.02	-
	18 Mar 2025	0089_MW288_250318	Normal	<0.02	<0.02	<0.02	<0.02	*0.12*	<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	<0.02	<0.05
				-	<0.02	-	-	-	-	<0.02	<0.02	-	-	<0.02	-	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	04 Jun 2025	0089_MW288_250604	Normal	<0.02	<0.02	<0.02	<0.02	*0.16*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	*0.16*	-	<0.02	<0.02	*0.05*	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
		0089_QC103_250604	Field_D	<0.02	<0.02	<0.02	<0.02	*0.27*	<0.02	<0.02	-	*0.25*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_MW272_S_1801117	Normal	<0.01	-	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	01 Feb 2018	0089_MW272_D_180201	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW272_I_180201	Normal	<0.01	-	<0.05	-	<0.002	-	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
		0089_MW272_S_180201	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	08 Jan 2020	0089_MW272_200108	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	-	-	<0.05	<0.05	-	-	-	-	0.1	-
	30 Mar 2020	0089_MW272_200330	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.02	0.02	-	-	0.02	-
	20 Jul 2020	0089_MW272_200720	Normal	-	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	22 Sep 2020	0089_MW272_200922	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	14 Dec 2020	0089_MW272_201214	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	-	-	-	-	-	-
		0089_QC106_201214	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
		0089_QC206_201114	Interlab_D	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	-	<0.01	<0.01	-	-	-	-	<0.01	<0.01
	16 Mar 2021	0089_MW272_210316	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	08 Jun 2021	0089_MW272_210608	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	-	-	-	<0.01	-
	31 Aug 2021	0089_MW272_210831	Normal	-	-	-	<0.05	-	<0.05	-	-	<0.05	0.05	-	<0.05	104	101	-	-	85.5	-
0089_MW274	02 Oct 2017	0089_MW274_D_171002	Normal	<0.01	-	<0.05	-	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
0089_MW282	11 Sep 2017	0089_MW282_S_170911	Normal	-	<0.02	<0.5	-	<0.02	<0.05	<0.1	-	-	-	-	<0.01	-	-	-	-	-	-
	16 Oct 2017	0089_MW282_S_171016	Normal	-	-	-	<0.05	<0.02	<0.05	<0.1	-	-	0.058	-	<0.02	-	-	-	-	-	-
	17 Nov 2017	0089_MW282_S_171117	Normal	-	-	<0.5	<0.05	-	<0.05	-	-	<0.01	0.049	-	<0.01	-	-	-	-	-	-
	05 Dec 2017	0089_MW282_S_171205	Normal	-	<0.04	-	-	<0.04	<0.1	<0.02	-	<0.02	-	-	<0.02	-	-	-	-	-	-
	15 Jan 2018	0089_MW282_S_180115	Normal	-	<0.002	<0.05	<0.005	-	-	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
	19 Dec 2019	0089_MW282_191219	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	-	1.05	<0.05	<0.05	296	278	-	-	243	-
		0089_QC101_191219	Field_D	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	0.34	<0.05	<0.05	226	210	-	-	170	-
	31 Mar 2020	0089_MW282_200331	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.05	<0.05	<0.05	187	171	-	-	123	-
	22 Jul 2020	0089_MW282_200722	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	144	-	-	-	115	-
	24 Sep 2020	0089_MW282_200924	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	-	-	<0.05	-	-	-	-	58.6	-
	15 Dec 2020	0089_MW282_201215	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	123	111	-	-	85.3	-
	18 Mar 2021	0089_MW282_210318	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	132	-	-	-	94	-
	09 Jun 2021	0089_MW282_210609	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	-	<0.05	127	116	-	-	-	-
	31 Aug 2021	0089_MW282_210831	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	-	<0.05	<0.05	-	-	100	-	-	79.1	-
	13 Jan 2022	0089_MW282_220113	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	188	-	-	-	143	-
	17 Mar 2022	0089_MW282_220317	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	-	-	<0.05	189	173	-	-	140	-
	08 Jun 2022	0089_MW282_220608	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	115	-	-	-	-	-
	08 Sep 2022	0089_MW282_220908	Normal	-	-	-	<0.05	-	<0.05	<0.02	-	-	<0.05	-	<0.05	-	-	-	-	120	-
	13 Dec 2022	0089_MW282_221213	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	-	-	-	-	-	108	-
	15 Mar 2023	0089_MW282_230315	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	0.06	-	-	147	135	-	-	107	-
	08 Jun 2023	0089_MW282_230608	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	-	-	-	119	-
	13 Dec 2023	0089_MW282_231213	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	91.6	-
	13 Mar 2024	0089_MW282_240313	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	99.7	-
	16 Dec 2024	0089_MW539_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.86	-	2.61	-	1.83	-
	05 Jun 2025	0089_MW282_250605	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	163	-	152	-	128	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	163	-	-	-	128	-
		0089_QC104_250605	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	152	-	136	-	106	-
	16 Jun 2025	0089_QC204_250605	Interlab_D	<0.5 #5	<0.5 #5	<0.5 #5	<0.5 #5	<0.5 #5	<0.5 #5	<0.5 #5	-	<0.1 #5	<0.5 #5	<0.1 #5	<0.1 #5	171.84	-	159.1	70.9	130	137.9
	17 Sep 2025	0089_MW282_250917	Normal	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005	0.002	-	<0.005	<0.005	<0.005	<0.005	105	-	102	-	96.8	-
				<0.005	<0.002	<0.005	<0.005	<0.002	<0.005	0.002	-	<0.005	-	-	<0.005	105	102	-	-	96.8	-
0089_MW288	18 Sep 2017	0089_MW288_S_170918	Normal	-	<0.002	-	-	<0.002	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	17 Oct 2017	0089_MW288_S_171017	Normal	-	-	-	<0.03	<0.002	-	-	-	-	0.007	-	-	-	-	-	-	-	-
	15 Nov 2017	0089_MW288_S_171115	Normal	-	-	<0.05	-	<0.002	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW288_S_171207	Normal	-	<0.002	-	<0.005	<0.002	-	-	-	<0.001	0.007	0.013	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW288_S_180115	Normal	-	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	0.006	-	<0.001	-	-	-	-	-	-
	15 Jul 2020	0089_MW288_200715	Normal	-	<0.02	-	-	-	-	<0.02	-	-	<0.05	-	<0.05	14.2	13.9	-	-	13.1	-
	17 Mar 2021	0089_MW288_210317	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	31 Aug 2021	0089_MW288_210831	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	-	6.63	6.36	-	-	-	-
	12 Jan 2022	0089_MW288_220112	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	-	-	4.71	-	-	-	-
	18 Mar 2022	0089_MW288_220318	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	-	3.26	-	-	3.23	-
	08 Jun 2022	0089_MW288_220608	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-	<0.05	-	3.05	-	-	-	-
	06 Sep 2022	0089_MW288_220906	Normal	<0.05	-	-	-	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	4.65	4.65	-	-	4.65	-
	12 Dec 2022	0089_MW288_221212	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.88	1.88	-	-	1.88	-
	14 Mar 2023	0089_MW288_230314	Normal	<0.05	<0.02	-	-	-	-	<0.02	-	-	-	<0.05	-	1.27	1.27	-	-	1.27	-
	07 Jun 2023	0089_MW288_230607	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	1.23	1.23	-	-	1.23	-
	05 Sep 2023	0089_MW288_230905	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.64	0.64	-	-	-	-
	13 Dec 2023	0089_MW288_231213	Normal	-	-	-	-	-	-	<0.02	-	-	<0.05	-	<0.05	-	0.33	-	-	0.33	-
	12 Mar 2024	0089_MW288_240312	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.47	-	-	-	-	-
	28 May 2024	0089_MW288_240528	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	1.28	1.28	-	-	1.27	-
	17 Dec 2024	0089_MW288_241217	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.24	-	0.24	-	0.22	-
				<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	18 Mar 2025	0089_MW288_250318	Normal	<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	-
				<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	-	-	0.12	0.12	-	-	0.12	-
	04 Jun 2025	0089_MW288_250604	Normal	<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	-
				-	<0.02	<0.05	-	<0.02	-	<0.02	-	-	-	<0.05	-	0.21	0.21	-	-	0.21	-
		0089_QC103_250604	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.52	-	0.52	-	0.52	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC203_250604	Interlab_D	0.01	<0.01	0.02	<0.01	*0.39*	<0.01	0.02	-	*0.32*	<0.05	<0.01	<0.01	<0.05	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	17 Sep 2025	0089_MW288_250917	Normal	<0.02	<0.02	<0.02	<0.02	*0.13*	<0.02	0.02	-	*0.21*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	*0.13*	-	-	<0.02	*0.21*	<0.1	-	-	-	<0.02	<0.02	<0.01	-	-	-	-	<0.05
0089_MW289	18 Sep 2017	0089_MW289_S_170918	Normal	0.003	<0.002	-	0.01	*1.7*	-	-	-	*0.25*	0.002	<0.002	-	0.005	0.01	-	0.011	-	-	-	<0.002	-
	17 Oct 2017	0089_MW289_S_171017	Normal	0.005	-	-	-	-	-	0.012	-	*0.29*	0.003	<0.002	<0.005	0.004	0.013	0.007	0.016	-	-	-	<0.002	-
	15 Nov 2017	0089_MW289_S_171115	Normal	0.004	-	-	-	*1.5*	-	0.007	-	*0.2*	0.003	<0.002	<0.005	0.004	0.008	0.005	-	<0.002	<0.05	-	<0.002	-
	07 Dec 2017	0089_MW289_S_171207	Normal	0.006	<0.002	-	-	*1.6*	-	0.01	-	*0.17*	-	<0.002	<0.005	0.002	0.008	-	-	<0.002	<0.05	<0.01	<0.002	-
	15 Jan 2018	0089_MW289_S_180115	Normal	0.004	<0.002	-	0.016	-	-	-	-	*0.18*	<0.002	-	<0.005	0.002	-	0.003	-	<0.002	-	<0.01	-	-
	30 Mar 2020	0089_MW289_200330	Normal	-	-	-	<0.02	-	-	<0.02	-	*0.09*	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.02	-
	22 Jul 2020	0089_MW289_200722	Normal	0.03	-	-	<0.02	*0.84*	-	0.02	-	*0.17*	<0.1	-	<0.02	<0.02	0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	21 Sep 2020	0089_MW289_200921	Normal	-	<0.02	-	0.05	-	-	-	-	-	-	<0.02	-	0.03	0.11	-	-	-	<0.05	<0.02	<0.02	-
		0089_QC101_200921	Field_D	0.12	<0.02	-	-	*1.59*	-	0.12	-	*0.73*	-	<0.02	<0.02	0.02	-	<0.02	0.03	-	<0.05	<0.02	<0.02	-
		0089_QC201_200921	Interlab_D	0.06	<0.01	-	-	-	0.03	0.06[#1]	<0.01	-	<0.05	-	-	-	0.06	-	-	0.02	<0.01	-	<0.01	-
	15 Dec 2020	0089_MW289_201215	Normal	-	<0.02	-	0.03	*1.42*	-	-	-	-	<0.1	-	<0.02	-	0.03	-	-	<0.02	-	-	<0.02	-
	16 Mar 2021	0089_MW289_210316	Normal	<0.02	<0.02	-	-	*0.8*	-	-	-	*0.17*	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	09 Jun 2021	0089_MW289_210609	Normal	0.1	<0.02	-	-	-	-	0.09	-	-	<0.1	<0.02	<0.02	<0.02	0.07	-	0.04	-	<0.05	<0.02	<0.02	-
	30 Aug 2021	0089_MW289_210830	Normal	0.04	<0.02	-	<0.02	*0.76*	-	0.04	-	*0.25*	<0.1	-	-	-	0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
		0089_QC103_210830	Field_D	0.04	-	-	-	*0.76*	-	0.04	-	*0.24*	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC203_210830	Interlab_D	0.02	-	-	0.02[#1]	-	<0.01	0.03[#1]	<0.01	*0.19*[#1]	<0.1	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-	-	-
	13 Jan 2022	0089_MW289_220113	Normal	0.12	<0.02	-	0.03	-	-	-	-	*0.88*	-	-	<0.02	-	-	<0.02	0.05	-	-	<0.02	<0.02	-
	17 Mar 2022	0089_MW289_220317	Normal	0.11	-	-	0.02	*0.36*	-	0.08	-	*0.49*	<0.1	-	<0.02	0.04	-	<0.02	0.05	0.06	<0.05	-	<0.02	-
	08 Jun 2022	0089_MW289_220608	Normal	-	-	-	0.02	*0.34*	-	0.13	-	*0.74*	<0.1	<0.02	<0.02	0.05	0.25	<0.02	0.05	-	<0.05	<0.02	-	-
	05 Sep 2022	0089_MW289_220905	Normal	0.07	<0.02	-	-	*1.61*	-	0.07	-	*0.59*	<0.1	<0.02	-	0.02	0.08	<0.02	0.04	-	<0.05	-	<0.02	-
	13 Dec 2022	0089_MW289_221213	Normal	0.04	<0.02	-	-	*1.49*	-	-	-	-	<0.1	<0.02	-	-	-	<0.02	-	-	<0.05	-	<0.02	-
	14 Mar 2023	0089_MW289_230314	Normal	-	<0.02	-	0.05	*1.78*	-	-	-	*1.06*	-	-	<0.02	<0.02	0.06	<0.02	0.05	-	-	<0.02	<0.02	-
	06 Jun 2023	0089_MW289_230606	Normal	0.04	-	-	-	*1.4*	-	0.05	-	-	-	<0.02	-	<0.02	0.03	<0.02	0.02	-	<0.05	<0.02	<0.02	-
	04 Sep 2023	0089_MW289_230904	Normal	-	-	-	0.02	-	-	-	-	-	-	<0.02	<0.02	<0.02	-	-	0.02	-	<0.05	-	<0.02	-
	11 Dec 2023	0089_MW289_231211	Normal	-	-	-	-	-	-	-	-	*0.41*	<0.1	-	-	-	-	<0.02	0.05	-	<0.05	<0.02	<0.02	-
	11 Mar 2024	0089_MW289_240311	Normal	0.03	<0.02	-	0.03	*1.19*	-	-	-	*0.49*	<0.1	<0.02	<0.02	<0.02	-	-	0.03	<0.02	<0.05	<0.02	<0.02	-
		0089_QC101_240311	Field_D	-	<0.02	-	0.03	*1.19*	-	0.05	-	-	<0.1	<0.02	-	-	0.04	<0.02	-	<0.02	-	<0.02	<0.02	-
		0089_QC201_240311	Interlab_D	0.03	<0.01	-	-	*1*	0.01	0.06	<0.01	*0.78*	-	<0.01	<0.01	<0.05	0.06	-	-	0.02	<0.01	<0.01	-	-
	29 May 2024	0089_MW289_240529	Normal	0.03	<0.02	-	0.03	-	-	0.04	-	*0.51*	-	<0.02	<0.02	<0.02	0.05	-	-	<0.02	<0.05	<0.02	<0.02	-
	16 Dec 2024	0089_MW289_241216	Normal	0.10	<0.02	<0.02	<0.02	*1.35*	0.02	0.08	-	*0.48*	<0.1	<0.02	<0.02	<0.02	0.11	<0.02	0.03	0.03	<0.05	<0.02	<0.02	<0.05
				0.1	-	-	<0.02	*1.35*	-	-	<0.02	-	-	-	<0.02	<0.02	-	-	0.03	-	<0.05	<0.02	<0.02	-
		0089_QC107_241216	Field_D	0.09	<0.02	<0.02	<0.02	*1.24*	0.02	0.08	-	*0.45*	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.03	0.03	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	-	0.02	0.08	<0.02	*0.45*	-	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
		0089_QC207_241216	Interlab_D	0.09	<0.01	<0.01	0.02[#1]	*1.2*[#1]	0.02	0.07[#1]	-	*0.41*[#1]	<0.05	<0.01	<0.01	<0.05	0.09	<0.01	0.03[#1]	0.03	<0.01	<0.01	<0.01	-
				0.09	<0.01	-	-	*1.2*[#1]	-	-	<0.01	*0.41*[#1]	<0.05	<0.01	<0.01	<0.05	-	<0.01	0.03[#1]	0.03	<0.01	-	<0.01	-
	20 Mar 2025	0089_MW289_250320	Normal	0.05	<0.02	<0.02	<0.02	*0.96*	<0.02	0.04	-	*0.24*	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	0.02	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	<0.02	-	<0.02	-	<0.02	*0.24*	<0.1	<0.02	-	-	0.04	<0.02	0.02	-	<0.05	<0.02	<0.02	-
	04 Jun 2025	0089_MW289_250604	Normal	0.13	<0.02	<0.02	0.02	*1.19*	0.03	0.12	-	*0.76*	<0.1	<0.02	<0.02	0.03	0.15	<0.02	0.05	0.03	<0.05	<0.02	<0.02	<0.05
				-	-	-	0.02	*1.19*	-	-	<0.02	*0.76*	<0.1	-	<0.02	0.03	-	-	0.05	0.03	-	<0.02	-	<0.05
	19 Sep 2025	0089_MW289_250919	Normal	<0.02	<0.02	<0.02	<0.02	*0.59*	<0.02	<0.02	-	*0.05*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_MW291	02 Oct 2017	0089_MW291_D_171002	Normal	-	<0.002	-	<0.001	<0.001	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_171002	Field_D	-	<0.002	-	<0.001	<0.001	-	-	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-
		0089_QC2MW_171002	Interlab_D	<0.01	-	-	<0.01	-	-	<0.01	-	-	<0.05	-	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_MW294	01 Feb 2018	0089_MW294_D_180201	Normal	-	-	-	<0.001	0.002	-	<0.001	-	<0.001	-	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
		0089_MW294_I_180201	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	-	<0.002	-	<0.005	<0.001	-	<0.001	<0.001	-	-	<0.01	-	-
		0089_MW294_S_180201	Normal	<0.001	-	-	-	0.003	-	<0.001	-	0.001	<0.002	<0.002	<0.005	<0.001	<0.001	-	-	-	-	<0.01	<0.002	-
0089_MW295	01 Feb 2018	0089_MW295_D_180201	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	-	-	-	<0.005	<0.001	-	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
		0089_MW295_I_180201	Normal	<0.001	-	-	<0.001	0.005	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
		0089_MW295_S_180201	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	<0.001	<0.001	-	<0.001	-	<0.05	<0.01	-	-
0089_MW296	01 Feb 2018	0089_MW296_D_180201	Normal	-	-	-	<0.001	<0.001	-	-	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	-	<0.05	-	-	-
		0089_MW296_I_180201	Normal	<0.001	<0.002	-	-	-	-	<0.001	-	0.001	<0.002	<0.002	-	<0.001	-	-	<0.001	-	<0.05	-	<0.002	-
		0089_MW296_S_180201	Normal	<0.001	<0.002	-	-	0.002	-	-	-	<0.001	-	-	<0.005	-	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_QC1MW_180201	Field_D	-	-	-	0.057	*0.28*	-	0.02	-	*0.45*	0.02	<0.002	-	-	0.092	-	0.009	0.008	<0.05	<0.01	<0.002	-
		0089_QC2MW_180201	Interlab_D	<0.01	<0.01	-	0.07[#1]	-	-	<0.01[#1]	-	*0.47*[#1]	<0.05	<0.01	-	-	0.09[#1]	<0.01	0.01[#1]	<0.01[#1]	-	<0.01	<0.01	-
0089_MW297	01 Feb 2018	0089_MW297_D_180201	Normal	<0.001	<0.002	-	-	0.001	-	<0.001	-	-	<0.002	-	-	-	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW297_I_180201	Normal	-	<0.002	-	<0.001	0.001	-	-	-	0.006	<0.002	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	<0.05	-	-	-
		0089_MW297_S_180201	Normal	-	<0.002	-	<0.001	-	-	-	-	-	<0.002	-	-	<0.001	-	-	<0.001	<0.002	-	<0.01	<0.002	-
0089_MW298	01 Feb 2018	0089_MW298_D_180201	Normal	0.002	<0.002	-	-	0.005	-	0.003	-	*0.032*	-	-	<0.005	-	0.004	-	-	<0.002	<0.05	<0.01	-	-
		0089_MW298_I_180201	Normal	0.002	<0.002	-	<0.001	-	-	0.003	-	*0.03*	-	-	<0.005	<0.001	0.004	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
		0089_MW298_S_180201	Normal	0.002	<0.002	-	-	0.006	-	0.003	-	*0.036*	-	<0.002	<0.005	-	0.005	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
0089_MW299	19 Apr 2018	0089_MW299_S_180419	Normal	-	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	-	<0.005	<0.001	-	-	-	<0.002	<0.05	-	-	-
0089_MW300	19 Apr 2018	0089_MW300_D_180419	Normal	-	-	-	<0.001	-	-	-	-	-	-	-	<0.005	-	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
		0089_MW300_S_180419	Normal	<0.001	<0.002	-	-	<0.001	-	<0.001	-	-	<0.002	<0.002	<0.005	-	<0.001	-	-	-	<0.05	<0.01	<0.002	-
0089_MW301	19 Apr 2018	0089_MW301_D_180419	Normal	<0.001	-	-	<0.001	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	-	<0.002	-	<0.01	<0.002	-
		0089_MW301_S_180419	Normal	-	<0.002	-	<0.001	<0.001	-	<0.001	-	-	-	<0.002	-	-	<0.001	-	<0.001	<0.002	-	<0.01	<0.002	-
0089_MW302	19 Apr 2018	0089_MW302_D_180419	Normal	-	-	-	-	*0.56*	-	-	-	-	0.11	<0.002	<0.005	0.048	0.49	<0.001	0.021	-	-	<0.01	-	-
		0089_MW302_S_180419	Normal	-	-	-	-	*0.64*	-	0.23	-	-	-	<0.002	<0.005	0.051	-	<0.001	0.02	0.17	-	<0.01	<0.002	-
0089_MW303	19 Apr 2018	0089_MW303_S_180419	Normal	-	-	-	0.14	*4.4*	-	0.23	-	-	0.13	<0.002	<0.005	-	0.67	0.002	-	0.23	-	<0.01	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC203_250604	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.78	-	0.74	0.39	0.71	0.71
	17 Sep 2025	0089_MW288_250917	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.36	-	0.34	-	0.34	-
				<0.05	-	-	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	0.36	0.34	-	-	0.34	-
0089_MW289	18 Sep 2017	0089_MW289_S_170918	Normal	-	<0.002	<0.05	<0.005	<0.002	-	-	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	17 Oct 2017	0089_MW289_S_171017	Normal	-	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	-	0.001	<0.001	-	-	-	-	-	-
	15 Nov 2017	0089_MW289_S_171115	Normal	-	-	<0.05	-	-	-	<0.01	-	<0.001	-	0.002	<0.001	-	-	-	-	-	-
	07 Dec 2017	0089_MW289_S_171207	Normal	<0.01	-	<0.05	<0.005	-	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	15 Jan 2018	0089_MW289_S_180115	Normal	<0.01	-	-	<0.005	<0.002	-	<0.01	-	-	<0.001	0.001	<0.001	-	-	-	-	-	-
	30 Mar 2020	0089_MW289_200330	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.62	-	-	0.62	-
	22 Jul 2020	0089_MW289_200722	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.05	-	-	1.09	1.07	-	-	1.01	-
	21 Sep 2020	0089_MW289_200921	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.55	3.38	-	-	3.08	-
		0089_QC101_200921	Field_D	-	<0.02	<0.05	-	<0.02	-	-	-	<0.05	-	-	<0.05	-	-	-	-	2.32	-
		0089_QC201_200921	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	-	-	2.29	-	1.62	-	2.14
	15 Dec 2020	0089_MW289_201215	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	1.89	1.81	-	-	-	-
	16 Mar 2021	0089_MW289_210316	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.97	0.97	-	-	0.97	-
	09 Jun 2021	0089_MW289_210609	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	2.85	-	-	-	-	-
	30 Aug 2021	0089_MW289_210830	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	-	1.07	-	-	1.01	-
		0089_QC103_210830	Field_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	1.1	1.06	-	-	1	-
		0089_QC203_210830	Interlab_D	-	<0.1	<0.05	<0.05	<0.1	<0.05	-	-	<0.1	<0.1	-	<0.1	0.91	0.86	-	-	0.84	-
	13 Jan 2022	0089_MW289_220113	Normal	-	-	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	1.47	-
	17 Mar 2022	0089_MW289_220317	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	1.41	-	-	-	0.85	-
	08 Jun 2022	0089_MW289_220608	Normal	<0.05	-	<0.05	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	-	-	-	-	1.08	-
	05 Sep 2022	0089_MW289_220905	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	2.45	-	-	-	-
	13 Dec 2022	0089_MW289_221213	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	14 Mar 2023	0089_MW289_230314	Normal	-	<0.02	-	-	-	<0.05	-	-	<0.05	-	<0.05	<0.05	3.12	3	-	-	-	-
	06 Jun 2023	0089_MW289_230606	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	2.12	2.05	-	-	1.96	-
	04 Sep 2023	0089_MW289_230904	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	-	1.57	-	-	1.48	-
	11 Dec 2023	0089_MW289_231211	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	-	<0.05	<0.05	<0.05	1.98	1.91	-	-	-	-
	11 Mar 2024	0089_MW289_240311	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	-	<0.05	<0.05	1.86	1.78	-	-	1.68	-
		0089_QC101_240311	Field_D	<0.05	<0.02	-	<0.05	-	-	<0.02	-	-	<0.05	-	<0.05	1.86	-	-	-	1.68	-
		0089_QC201_240311	Interlab_D	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	2.06	1.94	-	1.05	1.78	-
	29 May 2024	0089_MW289_240529	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	-	-	<0.05	1.63	-	-	-	-	-
	16 Dec 2024	0089_MW289_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.20	-	2.10	-	1.83	-
				<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	2.2	-	-	-	-	-
		0089_QC107_241216	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.04	-	1.94	-	1.69	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	2.04	-	-	-	1.69	-
		0089_QC207_241216	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	1.96	-	1.85	1.23	1.61	1.64
				-	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.01	1.96	-	-	1.23	1.61	-
	20 Mar 2025	0089_MW289_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.35	-	1.31	-	1.20	-
				<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	1.2	-
	04 Jun 2025	0089_MW289_250604	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.51	-	2.34	-	1.95	-
				-	-	-	-	<0.02	-	-	-	<0.05	-	<0.05	<0.05	2.51	2.34	-	-	1.95	-
	19 Sep 2025	0089_MW289_250919	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.64	-	0.64	-	0.64	-
0089_MW291	02 Oct 2017	0089_MW291_D_171002	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_QC1MW_171002	Field_D	<0.01	<0.002	<0.05	-	<0.002	<0.005	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_171002	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	-	<0.01	-
0089_MW294	01 Feb 2018	0089_MW294_D_180201	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW294_I_180201	Normal	<0.01	-	<0.05	-	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW294_S_180201	Normal	-	<0.002	-	<0.005	<0.002	-	<0.01	-	-	<0.001	-	<0.001	-	-	-	-	-	-
0089_MW295	01 Feb 2018	0089_MW295_D_180201	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW295_I_180201	Normal	-	<0.002	-	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW295_S_180201	Normal	<0.01	-	-	<0.005	-	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
0089_MW296	01 Feb 2018	0089_MW296_D_180201	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW296_I_180201	Normal	-	<0.002	-	-	-	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW296_S_180201	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_QC1MW_180201	Field_D	-	<0.002	<0.05	<0.005	<0.002	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-
		0089_QC2MW_180201	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	0.73	-	-	0.63	-
0089_MW297	01 Feb 2018	0089_MW297_D_180201	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_MW297_I_180201	Normal	-	<0.002	<0.05	-	<0.002	-	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-
		0089_MW297_S_180201	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-
0089_MW298	01 Feb 2018	0089_MW298_D_180201	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW298_I_180201	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW298_S_180201	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
0089_MW299	19 Apr 2018	0089_MW299_S_180419	Normal	<0.01	-	<0.05	-	<0.002	<0.005	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-
0089_MW300	19 Apr 2018	0089_MW300_D_180419	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
		0089_MW300_S_180419	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	-	<0.001	-	-	-	-	-	-
0089_MW301	19 Apr 2018	0089_MW301_D_180419	Normal	-	<0.002	<0.05	-	-	-	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW301_S_180419	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-
0089_MW302	19 Apr 2018	0089_MW302_D_180419	Normal	-	<0.002	<0.05	-	-	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
		0089_MW302_S_180419	Normal	<0.01	-	<0.05	-	-	<0.005	<0.01	-	-	-	<0.001	<0.001	-	-	-	-	-	-
0089_MW303	19 Apr 2018	0089_MW303_S_180419	Normal	-	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	-	-	-	-	-	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
		0089_QC1MW_180419	Field_D	0.56	<0.002	-	0.17	*0.7*	-	0.25	-	*1.9*	-	<0.002	-	0.048	-	-	0.02	-	<0.05	<0.01	<0.002	-
		0089_QC2MW_180419	Interlab_D	0.4[#1]	<0.001	-	-	*1.1*[#1]	-	0.18[#1]	-	-	-	<0.001	<0.001	0.057[#1]	0.53[#1]	<0.001	<0.001	0.14[#1]	<0.001	<0.001	<0.001	-
0089_MW313	25 Sep 2019	0089_MW313_190925	Normal	0.051	-	-	0.002	0.0035	0.011	0.079	<0.001	*0.37*[#1]	0.021	<0.001	-	0.003	-	<0.001	-	-	<0.001	<0.001	<0.001	-
0089_MW315	25 Sep 2019	0089_MW315_190925	Normal	-	-	-	-	*0.074*[#1]	0.016	0.038	-	*0.46*[#1]	0.08	<0.001	-	-	0.29[#1]	-	0.005	-	<0.001	<0.001	<0.001	-
	15 Jul 2020	0089_MW315_200715	Normal	<0.02	<0.02	-	-	*0.19*	-	-	-	*0.3*	<0.1	-	<0.02	-	0.27	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
0089_MW317	26 Sep 2019	0089_MW317_190926	Normal	0.011	<0.001	-	0.02[#1]	*0.38*[#1]	0.006	-	<0.001	*0.4*[#1]	0.011	-	<0.001	-	0.045[#1]	<0.001	0.009	-	<0.001	-	<0.001	-
0089_MW322	26 Sep 2019	0089_MW322_190926	Normal	0.004	<0.001	-	0.003	-	0.002	-	-	*0.14*[#1]	<0.005	<0.001	-	0.002	0.022[#1]	-	0.002	-	-	<0.001	<0.001	-
0089_MW323	25 Sep 2019	0089_MW323_190925	Normal	0.026	<0.001	-	0.005	-	0.009	0.037	-	*0.42*[#1]	0.014	<0.001	<0.001	-	0.074[#1]	-	0.01	0.036	-	<0.001	-	-
0089_MW325	25 Sep 2019	0089_MW325_190925	Normal	0.016	<0.001	-	0.002	*0.0086*	0.008	0.012	<0.001	*0.091*[#1]	-	<0.001	-	0.003	-	-	0.004	0.013	<0.001	-	<0.001	-
	05 Nov 2019	0089_MW325_191105	Normal	-	<0.02	-	<0.02	*0.03*	-	<0.02	-	*0.08*	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	-	-	<0.02	-	-
0089_MW326	25 Sep 2019	0089_MW326_190925	Normal	-	-	-	0.005	*0.2*[#1]	-	-	<0.001	*0.15*[#1]	0.046	<0.001	<0.001	0.015[#1]	0.17[#1]	<0.001	0.003	0.017	<0.001	<0.001	<0.001	-
0089_MW328	25 Sep 2019	0089_MW328_190925	Normal	-	-	-	-	-	0.007	0.014	<0.001	*0.036*[#1]	-	-	<0.001	0.004	0.065[#1]	<0.001	<0.001	0.03	<0.001	<0.001	-	-
0089_MW329	25 Sep 2019	0089_MW329_190925	Normal	0.002	<0.001	-	0.006	*0.3*[#1]	0.003	0.003	<0.001	-	<0.005	-	-	-	0.013[#1]	<0.001	0.002	0.002	-	-	<0.001	-
0089_MW331	25 Oct 2019	0089_MW331_191025	Normal	0.09	<0.02	-	0.04	*0.14*	-	-	-	*3.3*	<0.1	<0.02	-	-	-	-	0.08	0.62	<0.05	<0.02	<0.02	-
	02 Apr 2020	0089_MW331_200402	Normal	0.04	<0.02	-	-	-	-	0.04	-	*1.04*	-	<0.02	<0.02	<0.02	-	-	0.04	-	<0.05	<0.02	<0.02	-
	22 Sep 2020	0089_MW331_200922	Normal	0.08	<0.02	-	0.06	*0.71*	-	0.11	-	*3.1*	-	-	-	0.05	0.65	<0.02	-	0.26	<0.05	-	<0.02	-
	08 May 2024	0089_MW331_240508	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	*0.03*	<0.1	<0.02	<0.02	<0.02	-	-	-	-	<0.05	-	<0.02	-
0089_MW336	19 Nov 2021	0089_MW336_211119	Normal	<0.0005	-	-	<0.0005	0.0012	-	-	-	<0.0005	0.0048	-	-	0.0009	-	-	-	0.0041	<0.0005	<0.0005	<0.0005	-
		0089_QC107_211119	Field_D	<0.0005	<0.0005	-	<0.0005	-	-	<0.0005	-	-	0.0044	<0.0005	-	0.001	0.0025	-	0.0009	0.0042	-	<0.0005	-	-
		0089_QC207_211119	Interlab_D	<0.001	<0.001	-	<0.001	0.0003	-	-	<0.001	<0.001	-	-	<0.01	<0.01	<0.01	-	<0.01	-	-	<0.01	-	-
0089_MW337	19 Nov 2021	0089_MW337_211119	Normal	<0.0005	<0.0005	-	-	<0.0002	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	-	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0005	<0.0005	-
0089_MW451	13 Jun 2024	0089_MW451_240613	Normal	<0.0005	<0.0005	-	<0.0005	0.0003	-	<0.0005	<0.0005	<0.0005	<0.0078[#2]	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0016[#2]	-	-	<0.0005	-
0089_MW455	07 May 2024	0089_MW455_240507	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
0089_MW456	07 May 2024	0089_MW456_240507	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
0089_MW468	29 May 2024	0089_MW468_240529	Normal	-	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	-	-	-	<0.05	-	-	-
	18 Dec 2024	0089_MW468_241218	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	-	<0.02	-
	19 Mar 2025	0089_MW468_250319	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	-	<0.01	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.02	-	-	-	-	<0.05	-	-	-
	10 Jun 2025	0089_MW468_250610	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.05	<0.02	-	-
	18 Sep 2025	0089_MW468_250918	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	-	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	<0.02	<0.05
0089_MW481	05 Nov 2019	0089_MW481_191105	Normal	<0.02	-	-	<0.02	*0.16*	-	-	-	*0.19*	<0.1	-	-	<0.02	0.03	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	07 May 2024	0089_MW481_240507	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	-	<0.1	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.05	-	-	-
0089_MW482	25 Oct 2019	0089_MW482_191025	Normal	-	-	-	<0.02	-	-	<0.02	-	-	<0.1	-	-	<0.02	<0.02	-	-	-	-	<0.02	<0.02	-
0089_MW483	11 Oct 2019	0089_MW483_191011	Normal	0.06	<0.02	-	0.02	-	-	0.08	-	*0.9*	<0.1	-	-	0.05	0.18	<0.02	-	0.09	-	-	<0.02	-
	23 Nov 2021	0089_MW483_211123	Normal	0.02	<0.0005	-	-	-	-	0.0274	-	-	<0.002	-	<0.0005	-	-	-	0.0239	0.108	-	<0.0005	-	-
	09 May 2022	0089_MW483_220509	Normal	0.0086	<0.0016[#2]	-	0.0112	*2.24*	-	0.0192	-	*0.408*	-	-	<0.0016[#2]	-	0.12	0.0035	0.0557	0.053	<0.004[#2]	<0.0016[#2]	<0.0016[#2]	-
0089_MW484	11 Oct 2019	0089_MW484_191011	Normal	0.04	<0.02	-	<0.02	*0.04*	-	0.02	-	*0.12*	<0.1	<0.02	<0.02	<0.02	0.05	-	<0.01	-	<0.05	<0.02	-	-
0089_MW485	11 Oct 2019	0089_MW485_191011	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	*0.43*	-	<0.02	<0.02	-	0.08	-	0.02	0.02	<0.05	<0.02	<0.02	-
		0089_QC107_191011	Field_D	0.12	<0.02	-	<0.02	<0.01	-	0.08	-	-	-	<0.02	<0.02	-	0.08	<0.02	0.02	-	<0.05	<0.02	<0.02	-
		0089_QC207_191011	Interlab_D	-	<0.01	-	<0.01	<0.01	-	-	<0.01	*0.6*	-	<0.01	<0.01	<0.01	-	-	0.01	0.02	<0.01	<0.01	<0.01	-
	23 Nov 2021	0089_MW485_211123	Normal	0.0885	<0.0005	-	0.014	*0.0081*	-	-	-	*0.598*	-	-	-	0.013	0.124	<0.0005	-	-	<0.0005	<0.0005	<0.0005	-
	09 May 2022	0089_MW485_220509	Normal	0.041	-	-	-	0.0022	-	0.0338	-	*0.211*	-	-	-	0.0066	-	<0.0005	-	0.0121	<0.0005	-	-	-
		0089_QC104_220509	Field_D	-	<0.0005	-	-	0.0027	-	0.0445	-	-	0.0096	<0.0005	<0.0005	0.0086	0.0474	-	-	0.0154	-	<0.0005	<0.0005	-
		0089_QC204_220509	Interlab_D	0.047	<0.0004	-	-	0.0005	-	-	-	*0.21*	-	-	<0.0004	<0.0008	0.04	<0.0004	0.015	0.012	-	<0.0004	<0.0002	-
	08 May 2024	0089_MW485_240508	Normal	0.09	-	-	-	*0.14*	-	0.09	<0.02	*0.97*	<0.1	-	<0.02	-	0.1	<0.02	0.08	0.04	<0.05	<0.02	<0.02	-
0089_MW486	11 Oct 2019	0089_MW486_191011	Normal	0.21	<0.02	-	0.12	*32.2*	-	0.28	-	*3.39*	<0.1	<0.02	-	0.06	-	-	*0.22*	0.33	<0.05	<0.02	<0.02	-
	23 Nov 2021	0089_MW486_211123	Normal	0.0119	<0.0005	-	0.0261	-	-	0.0097	-	*0.494*	<0.002	-	<0.0005	0.0122	0.14	0.0012	0.0534	0.0322	-	<0.0005	<0.0005	-
		0089_QC109_211123	Field_D	0.0131	<0.0005	-	0.0283	-	-	0.0134	-	*0.525*	-	<0.0005	<0.0005	0.0132	0.136	0.0011	0.0401	0.0348	-	<0.0005	-	-
	09 May 2022	0089_MW486_220509	Normal	0.0571	<0.0016[#2]	-	0.021	-	-	0.0674	-	*0.55*	0.0474	<0.0016[#2]	<0.0016[#2]	0.0219	-	-	0.0432	0.0894	-	-	<0.0016[#2]	-
	08 May 2024	0089_MW486_240508	Normal	0.04	<0.02	-	-	*0.55*	-	0.04	<0.02	*0.39*	<0.1	<0.02	<0.02	<0.02	-	<0.02	0.02	0.04	<0.05	-	<0.02	-
0089_MW494	08 May 2024	0089_MW494_240508	Normal	-	<0.02	-	<0.02	*0.5*	-	0.03	<0.02	-	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	-	<0.02	<0.05	-	-	-
		0089_QC101_240508	Field_D	0.03	<0.02	-	<0.02	*0.48*	-	0.03	-	*0.29*	<0.1	-	<0.02	<0.02	0.02	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	-
		0089_QC201_240508	Interlab_D	0.04	-	-	-	*1.1*[#1]	-	0.06[#1]	-	*0.52*[#1]	<0.05	-	<0.01	-	-	<0.01	0.02[#1]	0.01	<0.01	<0.01	<0.01	-
0089_MW495	07 May 2024	0089_MW495_240507	Normal	-	<0.02	-	<0.02	*0.21*	-	0.04	<0.02	-	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.02	-	<0.05	<0.02	-	-
0089_MW496	06 Sep 2022	0089_MW496_220906	Normal	0.07	<0.02	-	0.18	*6.95*	-	-	-	-	-	<0.02	<0.02	0.05	-	<0.02	0.16	<0.02	-	<0.02	-	-
	13 Dec 2022	0089_MW496_221213	Normal	-	<0.02	-	0.14	*8*	-	0.07	-	*1.08*	<0.1	<0.02	<0.02	0.03	-	<0.02	-	-	<0.05	-	<0.02	-
	13 Mar 2023	0089_MW496_230313	Normal	0.05	<0.02	-	-	*6.29*	-	0.07	-	-	-	-	-	-	0.16	<0.02	0.09	<0.02	-	-	<0.02	-
	06 Jun 2023	0089_MW496_230606	Normal	0.1	<0.02	-	-	-	-	0.12	-	*1.06*	<0.1	<0.02	<0.02	-	-	<0.02	0.1	<0.02	-	-	-	-
	04 Sep 2023	0089_MW496_230904	Normal	-	-	-	0.09	-	-	0.06	-	*0.99*	-	-	-	0.03	-	-	-	<0.02	<0.05	<0.02	<0.02	-
	12 Dec 2023	0089_MW496_231212	Normal	0.04	-	-	0.07	*7.04*	-	0.07	-	*0.79*	<0.1	<0.02	<0.02	<0.02	-	<0.02	0.07	<0.02	<0.05	<0.02	<0.02	-
	13 Mar 2024	0089_MW496_240313	Normal	0.05	<0.02	-	-	*5.28*	-	0.06	-	*0.96*	<0.1	<0.02	<0.02	0.03	-	<0.02	-	0.02	<0.05	<0.02	<0.02	-
	29 May 2024	0089_MW496_240529	Normal	-	<0.02	-	0.07	-	-	-	-	*1.07*	-	<0.02	<0.02	0.04	-	<0.02	-	0.03	-	-	-	-
	13 Dec 2024	0089_MW496_241213	Normal	0.04	<0.02	<0.02	0.08	*8.18*	<0.02	0.05	-	*0.81*	<0.3[#2]	<0.02	<0.02	<0.02	0.11	<0.02	0.08	<0.02	<0.05	<0.02	<0.02	<0.05
				0.04	<0.02	-	0.08	*8.18*	<0.02	0.05	<0.02	*0.81*	-	-	<0.02	-	0.11	-	0.08	-	<0.05	<0.02	<0.02	-
	17 Mar 2025	0089_MW496_250317	Normal	0.05	<0.02	<0.02	0.08	*7.02*	<0.02	0.06	-	*0.85*	<0.1	<0.02	<0.02	0.02	0.12	<0.02	0.08	<0.02	<0.05	<0.02	<0.02	<0.05
				0.05	<0.02	-	-	*7.02*	-	0.06	<0.02	*0.85*	<0.1	-	<0.02	0.02	0.12	<0.02	-	-	-	<0.02	-	<0.05
	03 Jun 2025	0089_MW496_250604	Normal	0.05	<0.02	<0.02	0.10	*7.59*	<0.02	0.07	-	*1.10*	<0.1	<0.02	<0.02	0.03	0.15	<0.02	0.10	<0.02	<0.05	<0.02	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
		0089_QC1MW_180419	Field_D	-	-	-	<0.005	<0.002	<0.005	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
		0089_QC2MW_180419	Interlab_D	<0.005	<0.005	-	-	-	<0.005	<0.005	-	<0.001	<0.005	<0.001	-	4.427	4.137	-	-	2.9	-
0089_MW313	25 Sep 2019	0089_MW313_190925	Normal	-	<0.005	<0.005	-	<0.005	-	-	-	<0.001	<0.005	-	-	-	0.5555	-	0.0035	0.3735	0.3735
0089_MW315	25 Sep 2019	0089_MW315_190925	Normal	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	-	<0.001	-	<0.001	<0.001	-	-	-	0.079	-	0.539
	15 Jul 2020	0089_MW315_200715	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
0089_MW317	26 Sep 2019	0089_MW317_190926	Normal	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	-	<0.001	<0.001	-	0.864	-	-	-	0.789
0089_MW322	26 Sep 2019	0089_MW322_190926	Normal	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	-	-	<0.005	-	<0.001	0.1905	0.1805	-	-	0.1445	0.1465
0089_MW323	25 Sep 2019	0089_MW323_190925	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	-	<0.001	-	0.6593	-	-	-	0.4283	0.4383
0089_MW325	25 Sep 2019	0089_MW325_190925	Normal	<0.005	-	<0.005	-	-	<0.005	<0.005	-	-	-	<0.001	<0.001	0.1866	-	-	0.0126	-	0.1036
	05 Nov 2019	0089_MW325_191105	Normal	-	<0.02	-	-	-	<0.05	-	-	<0.05	-	-	-	-	0.13	-	-	0.11	-
0089_MW326	25 Sep 2019	0089_MW326_190925	Normal	-	<0.005	<0.005	-	<0.005	-	<0.005	-	<0.001	-	<0.001	<0.001	0.673	0.624	-	0.203	0.35	0.353
0089_MW328	25 Sep 2019	0089_MW328_190925	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.001	-	0.004	-	0.268	0.247	-	-	0.114	-
0089_MW329	25 Sep 2019	0089_MW329_190925	Normal	-	<0.005	<0.005	<0.005	-	<0.005	<0.005	-	-	<0.005	<0.001	-	0.43	-	-	0.302	0.399	-
0089_MW331	25 Oct 2019	0089_MW331_191025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	-	-	4.48	-	-	-	-
	02 Apr 2020	0089_MW331_200402	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	-	1.53	1.49	-	-	-	-
	22 Sep 2020	0089_MW331_200922	Normal	<0.05	-	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.11	4.94	-	-	3.81	-
	08 May 2024	0089_MW331_240508	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	-	-
0089_MW336	19 Nov 2021	0089_MW336_211119	Normal	<0.001	-	<0.001	<0.001	<0.0005	<0.001	-	-	<0.001	<0.001	-	-	0.0145	-	-	-	0.0012	-
		0089_QC107_211119	Field_D	<0.001	-	<0.001	-	<0.0005	<0.001	<0.0005	-	<0.001	-	-	<0.001	0.0143	-	-	-	0.0013	-
		0089_QC207_211119	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.001	-	<0.001	<0.001	-	-	-	<0.001	<0.001	<0.001
0089_MW337	19 Nov 2021	0089_MW337_211119	Normal	-	<0.0005	<0.001	-	-	<0.001	<0.0005	-	-	<0.001	<0.001	<0.001	-	-	-	-	<0.0002	-
0089_MW451	13 Jun 2024	0089_MW451_240613	Normal	<0.001	-	-	-	-	<0.001	<0.0005	-	<0.001	-	<0.001	<0.001	0.0003	-	-	-	0.0003	-
0089_MW455	07 May 2024	0089_MW455_240507	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
0089_MW456	07 May 2024	0089_MW456_240507	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	-	0.01	-	-	0.01	-
0089_MW468	29 May 2024	0089_MW468_240529	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	18 Dec 2024	0089_MW468_241218	Normal	<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	-
				-	-	-	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	19 Mar 2025	0089_MW468_250319	Normal	<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	-
				<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	10 Jun 2025	0089_MW468_250610	Normal	<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	-
				<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	18 Sep 2025	0089_MW468_250918	Normal	<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	-
				-	-	-	-	<0.02	<0.05	-	-	<0.05	<0.05	-	-	-	<0.01	-	-	-	-
0089_MW481	05 Nov 2019	0089_MW481_191105	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	0.38	-	-	-	0.35	-
	07 May 2024	0089_MW481_240507	Normal	-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	-	-	0.02	-	-	-	-	-
0089_MW482	25 Oct 2019	0089_MW482_191025	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
0089_MW483	11 Oct 2019	0089_MW483_191011	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	4.11	4.01	-	-	3.58	-
	23 Nov 2021	0089_MW483_211123	Normal	<0.001	-	<0.001	-	<0.0005	-	0.0068	-	-	0.009	0.004	-	-	-	-	-	2.16	-
	09 May 2022	0089_MW483_220509	Normal	<0.004[#2]	<0.0016[#2]	-	<0.004[#2]	-	-	0.0122	-	-	0.017	0.011	-	2.98	2.94	-	-	2.65	-
0089_MW484	11 Oct 2019	0089_MW484_191011	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.27	-	-	-	-	-
0089_MW485	11 Oct 2019	0089_MW485_191011	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	0.67	-	-	-	-
		0089_QC107_191011	Field_D	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	-	<0.05	0.75	0.67	-	-	0.43	-
		0089_QC207_191011	Interlab_D	<0.05	-	<0.05	-	<0.05	-	-	-	<0.01	<0.05	<0.01	<0.01	0.95	0.85	-	-	0.6	-
	23 Nov 2021	0089_MW485_211123	Normal	<0.001	<0.0005	<0.001	-	-	<0.001	<0.0005	-	<0.001	0.002	<0.001	<0.001	0.986	0.894	-	-	-	-
	09 May 2022	0089_MW485_220509	Normal	<0.001	-	-	<0.001	<0.0005	<0.001	-	-	<0.001	0.001	<0.001	-	0.36	-	-	-	-	-
		0089_QC104_220509	Field_D	<0.001	-	<0.001	<0.001	<0.0005	-	<0.0005	-	-	0.001	<0.001	<0.001	0.397	0.353	-	-	-	-
		0089_QC204_220509	Interlab_D	-	-	-	<0.0004	<0.0004	<0.0004	<0.0004	-	<0.001	0.003	<0.0004	<0.0004	0.37	-	-	-	0.21	-
	08 May 2024	0089_MW485_240508	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	0.06	<0.05	-	1.73	1.5	-	-	1.11	-
0089_MW486	11 Oct 2019	0089_MW486_191011	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	37.9	-	-	-	-	-
	23 Nov 2021	0089_MW486_211123	Normal	-	<0.0005	-	<0.001	<0.0005	<0.001	-	-	<0.001	0.006	<0.001	<0.001	-	6.44	-	-	-	-
		0089_QC109_211123	Field_D	-	<0.0005	<0.001	-	<0.0005	<0.001	0.0008	-	-	-	<0.001	-	7.09	-	-	-	-	-
	09 May 2022	0089_MW486_220509	Normal	<0.004[#2]	<0.0016[#2]	<0.004[#2]	<0.004[#2]	-	-	<0.0016[#2]	-	<0.002[#2]	-	<0.002[#2]	<0.002[#2]	8.13	-	-	-	7.59	-
	08 May 2024	0089_MW486_240508	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	1.19	1.13	-	-	-	-
0089_MW494	08 May 2024	0089_MW494_240508	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	-	<0.05	1.04	-	-	-	0.79	-
		0089_QC101_240508	Field_D	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.83	-	-	0.77	-
		0089_QC201_240508	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	-	1.74	-	-	1.62	-
0089_MW495	07 May 2024	0089_MW495_240507	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.84	-	-	-	0.55	-
0089_MW496	06 Sep 2022	0089_MW496_220906	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	9.61	9.3	-	-	8.8	-
	13 Dec 2022	0089_MW496_221213	Normal	-	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	-	-	-	9.39	-	-	9.08	-
	13 Mar 2023	0089_MW496_230313	Normal	-	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	7.82	-	-	-	-
	06 Jun 2023	0089_MW496_230606	Normal	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	<0.05	<0.05	9.83	-	-	-	9.22	-
	04 Sep 2023	0089_MW496_230904	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.99	8.84	-	-	8.51	-
	12 Dec 2023	0089_MW496_231212	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	-	8.19	8.05	-	-	-	-
	13 Mar 2024	0089_MW496_240313	Normal	-	-	-	-	<0.02	-	-	-	-	<0.05	-	-	-	6.59	-	-	6.24	-
	29 May 2024	0089_MW496_240529	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.62	8.23	-	-	7.83	-
	13 Dec 2024	0089_MW496_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	9.35	-	9.22	-	8.99	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	9.35	9.22	-	-	8.99	-
	17 Mar 2025	0089_MW496_250317	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.28	-	8.14	-	7.87	-
				-	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	-	8.14	-	-	7.87	-
	03 Jun 2025	0089_MW496_250604	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	9.19	-	9.02	-	8.69	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
				0.05	<0.02	-	0.1	*7.59*	-	-	<0.02	-	<0.1	<0.02	<0.02	0.03	-	<0.02	0.1	-	<0.05	-	-	<0.05
	16 Sep 2025	0089_MW496_250916	Normal	0.03	<0.02	<0.02	0.08	*5.42*	<0.02	0.05	-	*0.59*	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.06	<0.02	<0.05	<0.02	<0.02	<0.05
				-	-	-	0.08	-	-	-	-	*0.59*	<0.1	-	<0.02	<0.02	0.1	<0.02	-	-	<0.05	<0.02	-	<0.05
0089_MW500	10 Jan 2022	0089_MW500_220110	Normal	-	-	-	5.59	-	-	-	-	*13.6*	<0.1	-	<0.02	-	1.3	<0.02	*1.76*	0.13	<0.05	<0.02	-	-
		0089_QC105_220110	Field_D	0.16	<0.02	-	4.96	-	-	-	-	*12*	<0.1	<0.02	<0.02	0.21	1.25	0.02	-	0.13	<0.05	-	<0.02	-
		0089_QC205_220110	Interlab_D	0.05	-	-	5.8[#1]	*42*[#1]	-	0.17[#1]	-	*8.9*[#1]	<0.05	-	<0.01	0.09[#1]	0.34	-	-	0.06	-	<0.01	-	-
	14 Mar 2022	0089_MW500_220314	Normal	0.26	<0.02	-	2.91	*45.3*	-	-	-	*11.4*	0.2	<0.02	<0.02	0.37	-	-	*1.4*	0.43	<0.05	<0.02	-	-
	07 Jun 2022	0089_MW500_220607	Normal	0.84	<0.02	-	2	*49.3*	-	2.01	-	*24.2*	-	<0.02	<0.02	-	4.85	-	*1.83*	0.83	-	-	<0.02	-
	05 Sep 2022	0089_MW500_220905	Normal	0.32	<0.02	-	-	*57.8*	-	0.7	-	*13.3*	0.2	-	<0.02	0.31	1.92	<0.02	*1.22*	0.3	-	-	<0.02	-
	12 Dec 2022	0089_MW500_221212	Normal	-	<0.02	-	-	-	-	0.44	-	*8.6*	0.1	<0.02	-	0.21	1.09	<0.02	*0.78*	0.21	<0.05	<0.02	<0.02	-
	13 Mar 2023	0089_MW500_230313	Normal	-	<0.02	-	-	-	-	0.7	-	*12*	-	<0.02	-	0.42	-	0.02	-	0.49	-	<0.02	-	-
	06 Jun 2023	0089_MW500_230606	Normal	0.22	<0.02	-	-	*31.3*	-	0.3	-	*6.8*	0.2	<0.02	<0.02	0.15	0.86	<0.02	*0.51*	0.33	<0.05	<0.02	<0.02	-
	05 Sep 2023	0089_MW500_230905	Normal	*1.6*	<0.02	-	-	*44.4*	-	-	-	-	0.8	<0.02	-	0.48	-	0.02	*1.2*	0.96	<0.05	-	<0.02	-
	12 Dec 2023	0089_MW500_231212	Normal	*1.68*	<0.02	-	3.69	*56.8*	-	1.4	-	*22.4*	0.8	<0.02	-	-	4.46	<0.02	*1.4*	0.99	<0.05	<0.02	<0.02	-
	11 Mar 2024	0089_MW500_240311	Normal	-	<0.02	-	-	*50.6*	-	0.86	-	-	0.3	<0.02	<0.02	0.29	2.68	<0.02	*1.2*	0.5	-	<0.02	-	-
	29 May 2024	0089_MW500_240529	Normal	0.15	<0.02	-	1.57	*56*	-	-	-	*7.3*	0.1	<0.02	<0.02	0.16	1.12	<0.02	*0.54*	-	-	<0.02	<0.02	-
	16 Dec 2024	0089_MW500_241216	Normal	0.96	<0.02	<0.04[#2]	2.04	*61.6*	0.31	0.56	-	*13.1*	0.3	<0.02	<0.02	0.25	2.80	<0.02	*0.88*	0.62	<0.05	<0.02	<0.02	<0.05
				0.96	<0.02	-	-	*61.6*	-	0.56	<0.04[#2]	*13.1*	-	<0.02	<0.02	0.25	-	-	-	0.62	<0.05	<0.02	<0.02	-
	21 Mar 2025	0089_MW500_250321	Normal	0.67	<0.02	<0.20[#2]	2.76	*53.0*	0.21	0.47	-	*12.1*	0.2	<0.02	<0.02	0.20	2.04	<0.02	*0.90*	0.35	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	2.76	*53*	-	-	<0.2[#2]	*12.1*	-	-	<0.02	0.2	-	<0.02	-	-	-	<0.02	-	<0.05
	06 Jun 2025	0089_MW500_250606	Normal	0.83	<0.02	0.10	2.50	*50.4*	0.27	1.12	-	*13.2*	0.3	<0.02	<0.02	0.32	3.66	0.02	*1.07*	0.60	<0.05	<0.02	<0.02	<0.05
				-	-	-	-	-	0.27	1.12	-	-	0.3	<0.02	<0.02	-	3.66	-	*1.07*	0.6	-	<0.02	-	-
	19 Sep 2025	0089_MW500_250919	Normal	0.02	<0.02	<0.02	0.83	*36.3*	<0.02	0.05	-	*4.09*	<0.1	<0.02	<0.02	0.05	0.21	<0.02	*0.44*	0.03	<0.05	<0.02	<0.02	<0.05
0089_MW512	05 Nov 2019	0089_MW512_191105	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
0089_MW514	12 Jun 2024	0089_MW514_240612	Normal	<0.0005	<0.0005	-	<0.0005	-	-	<0.0005	<0.0005	<0.0005	<0.008[#2]	<0.0005	<0.0005	-	<0.0005	<0.0005	<0.0005	-	<0.0016[#2]	-	<0.0005	-
0089_MW515	05 Nov 2019	0089_MW515_191105	Normal	-	<0.02	-	0.04	*0.09*	-	0.16	-	*1.21*	-	-	<0.02	0.03	-	-	0.05	-	-	<0.02	<0.02	-
0089_MW516	30 Mar 2020	0089_MW516_200330	Normal	0.09	<0.02	-	0.25	-	-	-	-	*2.21*	<0.1	-	<0.02	0.05	0.23	<0.02	*0.2*	0.16	<0.05	<0.02	-	-
	21 Jul 2020	0089_MW516_200721	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	-	-	-	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	21 Sep 2020	0089_MW516_200921	Normal	0.14	<0.02	-	0.25	*11.3*	-	0.19	-	*2.53*	-	<0.02	<0.02	0.04	0.25	-	-	-	-	-	<0.02	-
	16 Dec 2020	0089_MW516_201216	Normal	0.08	<0.02	-	-	*5.15*	-	-	-	*1.38*	<0.1	-	<0.02	0.02	0.16	<0.02	-	-	<0.05	-	-	-
	18 Mar 2021	0089_MW516_210318	Normal	-	<0.02	-	-	*11*	-	0.08	-	*1.61*	-	<0.02	-	-	0.24	<0.02	0.15	-	<0.05	<0.02	<0.02	-
	09 Jun 2021	0089_MW516_210609	Normal	0.16	-	-	0.12	*9.21*	-	0.11	-	*1.4*	<0.1	-	<0.02	-	0.15	-	-	<0.02	-	-	<0.02	-
	31 Aug 2021	0089_MW516_210831	Normal	0.15	<0.02	-	0.09	*4.8*	-	0.12	-	*1.42*	<0.1	-	<0.02	<0.02	-	<0.02	0.06	<0.02	-	<0.02	-	-
	12 Jan 2022	0089_MW516_220112	Normal	-	<0.02	-	0.08	-	-	0.05	-	*1.18*	<0.1	<0.02	<0.02	-	-	<0.02	-	<0.02	-	<0.02	-	-
	17 Mar 2022	0089_MW516_220317	Normal	-	<0.02	-	-	*8.54*	-	-	-	*0.84*	<0.1	-	<0.02	<0.02	0.11	<0.02	0.07	0.11	<0.05	<0.02	<0.02	-
	08 Jun 2022	0089_MW516_220608	Normal	0.06	<0.02	-	0.12	*10.4*	-	0.05	-	-	<0.1	-	<0.02	-	0.11	-	0.08	<0.02	-	<0.02	<0.02	-
	06 Sep 2022	0089_MW516_220906	Normal	0.25	<0.02	-	0.14	*4.32*	-	0.29	-	*1.89*	<0.1	<0.02	<0.02	0.03	-	-	0.16	-	-	-	-	-
	13 Dec 2022	0089_MW516_221213	Normal	-	-	-	0.03	-	-	-	-	*0.39*	<0.1	<0.02	<0.02	-	-	<0.02	0.02	-	-	<0.02	-	-
	13 Mar 2023	0089_MW516_230313	Normal	<0.02	<0.02	-	0.07	*5.4*	-	0.02	-	*0.52*	-	-	<0.02	<0.02	-	<0.02	0.05	-	-	<0.02	<0.02	-
	06 Jun 2023	0089_MW516_230606	Normal	-	<0.02	-	-	*8.7*	-	0.03	-	*0.59*	<0.1	-	<0.02	-	0.08	<0.02	0.08	-	-	-	-	-
	04 Sep 2023	0089_MW516_230904	Normal	<0.02	-	-	0.08	*4.8*	-	-	-	-	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	-	-	<0.05	-	-	-
	12 Dec 2023	0089_MW516_231212	Normal	-	-	-	0.03	*4.21*	-	0.03	-	*0.32*	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	0.02	<0.02	-	<0.02	-	-
	13 Mar 2024	0089_MW516_240313	Normal	-	<0.02	-	<0.02	*3.22*	-	<0.02	-	*0.23*	<0.1	<0.02	-	-	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	29 May 2024	0089_MW516_240529	Normal	-	-	-	0.06	*8.69*	-	0.03	-	*0.64*	<0.3[#2]	<0.02	<0.02	-	0.06	<0.02	0.04	<0.05[#2]	<0.05	<0.02	<0.02	-
	13 Dec 2024	0089_MW516_241213	Normal	0.03	<0.02	<0.02	0.02	*5.92*	<0.02	0.03	-	*0.82*	<0.5[#2]	<0.02	<0.02	<0.02	0.06	<0.02	0.03	<0.02	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.02	*5.92*	-	0.03	-	*0.82*	<0.5[#2]	<0.02	-	-	-	<0.02	0.03	-	<0.05	<0.02	<0.02	-
	17 Mar 2025	0089_MW516_250317	Normal	0.03	<0.02	<0.02	<0.02	*2.31*	<0.02	<0.02	-	*0.24*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				0.03	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	<0.05
	04 Jun 2025	0089_MW516_250604	Normal	<0.02	<0.02	<0.02	0.03	*10.4*	<0.02	0.04	-	*0.93*	<0.1	<0.02	<0.02	<0.02	0.05	<0.02	0.03	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	0.03	*10.4*	<0.02	-	<0.02	*0.93*	<0.1	-	<0.02	<0.02	0.05	<0.02	0.03	<0.02	-	<0.02	-	<0.05
	16 Sep 2025	0089_MW516_250916	Normal	<0.02	<0.02	<0.02	<0.02	*0.98*	<0.02	<0.02	-	*0.09*	<0.1	<0.02	<0.02	0.02	0.07	<0.02	0.05	0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	-	-	<0.02	*0.98*	<0.02	<0.02	-	*0.09*	<0.1	-	<0.02	-	0.07	<0.02	0.05	-	<0.05	-	<0.02	-
0089_MW517	30 Mar 2020	0089_MW517_200330	Normal	<0.02	<0.02	-	<0.02	*0.02*	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	-	-	<0.01	<0.02	-	-	<0.02	-
	16 Jul 2020	0089_MW517_200716	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	22 Sep 2020	0089_MW517_200922	Normal	<0.02	<0.02	-	<0.02	*0.1*	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	15 Dec 2020	0089_MW517_201215	Normal	-	<0.02	-	<0.02	*0.04*	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	18 Mar 2021	0089_MW517_210318	Normal	<0.02	<0.02	-	-	*0.01*	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	09 Jun 2021	0089_MW517_210609	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	31 Aug 2021	0089_MW517_210831	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	10 Jan 2022	0089_MW517_220110	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	17 Mar 2022	0089_MW517_220317	Normal	-	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
0089_MW518	30 Mar 2020	0089_MW518_200330	Normal	-	-	-	<0.02	-	-	<0.02	-	-	-	-	-	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	-	-
	21 Jul 2020	0089_MW518_200721	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	-	-	<0.02	-	-
	22 Sep 2020	0089_MW518_200922	Normal	0.02	-	-	<0.02	-	-	<0.02	-	-	-	-	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	16 Dec 2020	0089_MW518_201216	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
	18 Mar 2021	0089_MW518_210318	Normal	-	<0.02	-	-	-	-	<0.02	-	0.02	<0.1	-	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	08 Jun 2021	0089_QC211_210609	Interlab_D	0.02	<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	-
	09 Jun 2021	0089_MW518_210609	Normal	<0.02	-	-	<0.02	-	-	-	-	0.02	-	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	<0.02	-
		0089_QC111_210609	Field_D	0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	-	-	-	<0.02	<0.02	-	-	-	<0.02	<0.02	-
	31 Aug 2021	0089_MW518_210831	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	-	-	-
	11 Jan 2022	0089_MW518_220111	Normal	<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	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
				<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	9.02	-	-	-	-
	16 Sep 2025	0089_MW496_250916	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.33	-	6.20	-	6.01	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	-	-	<0.05	6.33	6.2	-	-	6.01	-
0089_MW500	10 Jan 2022	0089_MW500_220110	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	-	-	-	-	-	58.7	-
		0089_QC105_220110	Field_D	-	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	-	-	66.6	-	-	-	57.8	-
		0089_QC205_220110	Interlab_D	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.01	-	52.84	-	43.4	-	52.3
	14 Mar 2022	0089_MW500_220314	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	0.1	-	-	-	62.7	-	-	56.7	-
	07 Jun 2022	0089_MW500_220607	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	86.9	-	-	-	-	-
	05 Sep 2022	0089_MW500_220905	Normal	<0.05	<0.02	-	-	-	<0.05	-	-	-	-	-	<0.05	-	75.4	-	-	71.1	-
	12 Dec 2022	0089_MW500_221212	Normal	<0.05	<0.02	<0.05	-	-	<0.05	-	-	-	<0.05	<0.05	<0.05	-	50.5	-	-	47.9	-
	13 Mar 2023	0089_MW500_230313	Normal	<0.05	-	-	<0.05	<0.02	-	-	-	-	0.11	<0.05	<0.05	50.2	44.5	-	-	-	-
	06 Jun 2023	0089_MW500_230606	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	-	40.4	-	-	38.1	-
	05 Sep 2023	0089_MW500_230905	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	75	-	-	-	60.5	-
	12 Dec 2023	0089_MW500_231212	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	94.1	-	-	-	-	-
	11 Mar 2024	0089_MW500_240311	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	79.5	-	-	-	69.2	-
	29 May 2024	0089_MW500_240529	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	67.7	65.5	-	-	-	-
	16 Dec 2024	0089_MW500_241216	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	83.4	-	80.5	-	74.7	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	83.4	80.5	-	-	74.7	-
	21 Mar 2025	0089_MW500_250321	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	72.9	-	69.5	-	65.1	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
	06 Jun 2025	0089_MW500_250606	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.05	<0.05	<0.05	74.4	-	70.4	-	63.6	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	-	74.4	70.4	-	-	63.6	-
	19 Sep 2025	0089_MW500_250919	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	42.0	-	41.1	-	40.4	-
0089_MW512	05 Nov 2019	0089_MW512_191105	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	-	-	<0.05	-	<0.01	-	-	<0.01	-
0089_MW514	12 Jun 2024	0089_MW514_240612	Normal	<0.001	-	-	<0.001	-	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	-	0.0003	-	-	0.0003	-
0089_MW515	05 Nov 2019	0089_MW515_191105	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	-	-	-	2.05	-	-	-	1.3	-
0089_MW516	30 Mar 2020	0089_MW516_200330	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	-	15.2	-	-	14.5	-
	21 Jul 2020	0089_MW516_200721	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	21 Sep 2020	0089_MW516_200921	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	14.8	14.4	-	-	13.8	-
	16 Dec 2020	0089_MW516_201216	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	7.09	-	-	-	6.53	-
	18 Mar 2021	0089_MW516_210318	Normal	-	-	-	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	14.5	14.2	-	-	12.6	-
	09 Jun 2021	0089_MW516_210609	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	-	-	11	-	-	-	-
	31 Aug 2021	0089_MW516_210831	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	6.7	6.49	-	-	6.22	-
	12 Jan 2022	0089_MW516_220112	Normal	<0.05	-	<0.05	-	-	-	<0.02	-	<0.05	-	-	<0.05	-	10.9	-	-	10.6	-
	17 Mar 2022	0089_MW516_220317	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	-	<0.05	-	9.77	-	-	-	-
	08 Jun 2022	0089_MW516_220608	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	11.6	-	-	-	-
	06 Sep 2022	0089_MW516_220906	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	-	7.31	6.88	-	-	6.21	-
	13 Dec 2022	0089_MW516_221213	Normal	-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	2.01	-
	13 Mar 2023	0089_MW516_230313	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	-	-	-	<0.05	6.12	6.03	-	-	5.92	-
	06 Jun 2023	0089_MW516_230606	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	-	9.61	-	-	-	9.29	-
	04 Sep 2023	0089_MW516_230904	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	5.58	-	-	-	-	-
	12 Dec 2023	0089_MW516_231212	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	4.65	4.59	-	-	4.53	-
	13 Mar 2024	0089_MW516_240313	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	-	-	-	3.51	-	-	3.45	-
	29 May 2024	0089_MW516_240529	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	-	9.43	-	-	9.33	-
	13 Dec 2024	0089_MW516_241213	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.91	-	6.86	-	6.74	-
				<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	-	6.91	-	-	-	6.74	-
	17 Mar 2025	0089_MW516_250317	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.58	-	2.58	-	2.55	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	2.58	-	-	2.55	-
	04 Jun 2025	0089_MW516_250604	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.5	-	11.4	-	11.3	-
				-	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	11.5	11.4	-	-	11.3	-
	16 Sep 2025	0089_MW516_250916	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.23	-	1.23	-	1.07	-
				<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	1.23	-	-	1.07	-
0089_MW517	30 Mar 2020	0089_MW517_200330	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	16 Jul 2020	0089_MW517_200716	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	0.03	-	-	-	0.03	-
	22 Sep 2020	0089_MW517_200922	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	-	-	-	0.1	-
	15 Dec 2020	0089_MW517_201215	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	-	-	0.04	-	-	-	-	-
	18 Mar 2021	0089_MW517_210318	Normal	-	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	-	-	0.01	0.01	-	-	0.01	-
	09 Jun 2021	0089_MW517_210609	Normal	-	-	-	<0.05	-	<0.05	-	-	-	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	31 Aug 2021	0089_MW517_210831	Normal	-	-	<0.05	-	<0.02	-	-	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	-	-
	10 Jan 2022	0089_MW517_220110	Normal	-	-	-	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	-	-
	17 Mar 2022	0089_MW517_220317	Normal	-	-	-	-	-	-	<0.02	-	<0.05	-	<0.05	<0.05	0.01	-	-	-	0.01	-
0089_MW518	30 Mar 2020	0089_MW518_200330	Normal	-	<0.02	-	-	-	<0.05	<0.02	-	-	-	<0.05	-	-	0.01	-	-	-	-
	21 Jul 2020	0089_MW518_200721	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	22 Sep 2020	0089_MW518_200922	Normal	-	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.02	-
	16 Dec 2020	0089_MW518_201216	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	18 Mar 2021	0089_MW518_210318	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	-	-	-	-	0.02	-
	08 Jun 2021	0089_QC211_210609	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	-	0.02	0.02
	09 Jun 2021	0089_MW518_210609	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
		0089_QC111_210609	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	-	-	-	-	0.02	-
	31 Aug 2021	0089_MW518_210831	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	<0.05	-	<0.05	-	-	<0.01	-	-	<0.01	-
	11 Jan 2022	0089_MW518_220111	Normal	<0.05	<0.02	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	-	-	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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.002	0.0005	0.0001	0.001	0.0005	0.0005	0.0004	0.002	0.0005	0.0004	0.0005	0.0002	0.0004	0.0002	0.0002	0.0005	0.0004	0.0002	0.005
ADWG 2011 Health (v4.0 updated June 2025)				*1*				*0.008*				*0.03*							*0.2*					
Location Code	**Date**	**Field ID**	**Sample Type**																					
0089_MW519	14 Jul 2020	0089_MW01_S_200714	Normal	0.01	<0.02	-	0.05	*0.2*	-	<0.01	-	*0.27*	-	<0.02	-	0.02	0.07	<0.01	0.05	0.03	<0.5	-	<0.02	-
		0229_QC601_200714	Field_D	0.01	<0.02	-	-	-	-	0.01	-	*0.3*	-	-	<0.05	-	0.07	<0.01	-	0.03	<0.5	-	<0.02	-
		0229_QC701_200714	Interlab_D	-	-	-	0.03[#1]	*0.23*[#1]	-	<0.01	<0.01	-	<0.05	-	<0.01	-	0.06	<0.01	0.04[#1]	0.03	-	-	<0.01	-
0089_MW520	14 Jul 2020	0089_MW02_S_200714	Normal	<0.01	-	-	<0.01	-	-	-	-	-	-	<0.02	-	<0.01	-	<0.01	0.02	<0.02	<0.5	<0.1	<0.02	-
0089_MW521	14 Jul 2020	0089_MW03_S_200714	Normal	0.05	<0.02	-	-	-	-	-	-	*0.65*	-	<0.02	<0.05	0.05	0.15	-	0.05	-	<0.5	-	-	-
0089_MW539	16 Dec 2024	0089_MW539_241216	Normal	0.17	-	-	-	*1.14*	-	-	-	-	-	-	<0.02	-	0.38	-	0.08	0.06	<0.05	-	<0.02	-
	20 Mar 2025	0089_MW539_250320	Normal	0.17	<0.02	<0.02	0.03	*1.30*	0.03	0.28	-	*0.84*	<0.1	<0.02	<0.02	0.12	0.49	<0.02	0.10	0.10	<0.05	<0.02	<0.02	<0.05
				-	<0.02	-	0.03	*1.3*	-	-	<0.02	*0.84*	<0.1	-	<0.02	0.12	-	-	-	0.1	<0.05	<0.02	<0.02	<0.05
0089_MW547	12 Jul 2023	0089_MW547_230712	Normal	<0.02	<0.02	-	<0.02	*0.41*	-	-	-	*0.03*	-	<0.02	-	0.04	-	<0.02	0.01	0.55	<0.05	<0.02	<0.02	-
		0089_QC119_230712	Field_D	<0.02	<0.02	-	<0.02	*0.39*	-	<0.02	-	0.02	0.3	<0.02	<0.02	0.04	0.39	<0.02	-	-	<0.05	<0.02	<0.02	-
		0089_QC219_230712	Interlab_D	-	-	-	-	*0.4*[#1]	<0.01	<0.01	<0.01	0.02[#1]	0.21	-	<0.01	0.03[#1]	0.38	<0.01	<0.01	0.55	-	<0.01	<0.01	-
0089_MW548	12 Jul 2023	0089_MW548_230712	Normal	0.64	<0.02	-	<0.02	*0.54*	-	-	-	-	-	<0.02	-	-	0.48	-	-	0.13	-	-	<0.02	-
0089_MW549	12 Jul 2023	0089_MW549_230712	Normal	0.43	-	-	<0.02	<0.01	-	0.54	-	*1.16*	0.1	<0.02	<0.02	0.07	-	<0.02	0.01	0.14	<0.05	<0.02	-	-
0089_MW553	29 May 2024	0089_MW553_240529	Normal	<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	<0.02	-
	13 Dec 2024	0089_MW553_241213	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	*0.06*	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	*0.06*	-	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	11 Mar 2025	0089_MW553_250311	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	03 Jun 2025	0089_MW553_250603	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	-	-	<0.02	-	<0.02	<0.02	<0.02	0.02	-	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	17 Sep 2025	0089_MW553_250917	Normal	-	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	*0.03*	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	<0.05
0089_MW561	05 Jul 2023	0089_MW561_230705	Normal	-	<0.02	-	1.49	-	-	0.27	-	*5.3*	-	-	-	0.15	1.97	<0.02	*0.86*	0.26	<0.05	-	<0.02	-
0089_MW565	01 Jun 2023	0089_MW565_230605	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	-	<0.02	-	<0.02	-	-
0089_MW566	01 Jun 2023	0089_MW566_230606	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
0089_MW570	01 Jun 2023	0089_MW570_230610	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
0089_MW571	01 Jun 2023	0089_MW571_230611	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	-	<0.01	-	<0.05	-	<0.02	-
0089_MW572	01 Jun 2023	0089_MW572_230612	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.001	0.0005	0.001	0.0004	0.0004	0.0004	0.0004	0.002	0.001	0.001	0.0004	0.0004	0.0002	0.0002	0.002	0.001	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)																					
Location Code	**Date**	**Field ID**	**Sample Type**																		
0089_MW519	14 Jul 2020	0089_MW01_S_200714	Normal	<0.1	-	<0.5	<0.05	-	<0.05	-	-	<0.01	<0.01	<0.02	-	0.7	-	-	0.25	0.47	-
		0229_QC601_200714	Field_D	<0.1	<0.02	-	<0.05	<0.02	<0.05	<0.1	-	<0.01	-	<0.02	-	0.74	-	-	0.25	0.5	-
		0229_QC701_200714	Interlab_D	<0.05	<0.05	<0.05	-	-	-	<0.05	-	-	-	-	<0.01	0.69	0.66	-	0.27	-	0.54
0089_MW520	14 Jul 2020	0089_MW02_S_200714	Normal	-	-	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	-	<0.02	-	-	-	0.05	-	-
0089_MW521	14 Jul 2020	0089_MW03_S_200714	Normal	<0.1	-	<0.5	<0.05	-	<0.05	<0.1	-	<0.01	-	<0.02	<0.02	-	-	-	-	0.75	-
0089_MW539	16 Dec 2024	0089_MW539_241216	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	2.86	-	-	-	1.83	-
	20 Mar 2025	0089_MW539_250320	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.46	-	3.12	-	2.14	-
				-	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	2.14	-
0089_MW547	12 Jul 2023	0089_MW547_230712	Normal	-	-	-	-	<0.02	-	-	-	<0.05	0.38	<0.05	<0.05	2.01	2.01	-	-	0.44	-
		0089_QC119_230712	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	<0.05	-	2.09	-	-	0.41	-
		0089_QC219_230712	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	0.34	<0.01	<0.01	1.93	1.93	-	0.4	-	-
0089_MW548	12 Jul 2023	0089_MW548_230712	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
0089_MW549	12 Jul 2023	0089_MW549_230712	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	1.16	-
0089_MW553	29 May 2024	0089_MW553_240529	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	-	-	<0.05	<0.05	0.01	-	-	-	-	-
	13 Dec 2024	0089_MW553_241213	Normal	<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	-
				-	<0.02	-	-	<0.02	-	-	-	-	<0.05	<0.05	<0.05	0.06	-	-	-	0.06	-
	11 Mar 2025	0089_MW553_250311	Normal	<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	-
	03 Jun 2025	0089_MW553_250603	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	17 Sep 2025	0089_MW553_250917	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.03	0.03	-	-	0.03	-
0089_MW561	05 Jul 2023	0089_MW561_230705	Normal	-	<0.02	-	<0.05	<0.02	-	-	-	-	0.07	<0.05	<0.05	25.2	-	-	-	19.9	-
0089_MW565	01 Jun 2023	0089_MW565_230605	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_MW566	01 Jun 2023	0089_MW566_230606	Normal	-	-	-	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_MW570	01 Jun 2023	0089_MW570_230610	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
0089_MW571	01 Jun 2023	0089_MW571_230611	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	-	<0.05	<0.01	-	-	-	<0.01	-
0089_MW572	01 Jun 2023	0089_MW572_230612	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
0089_SW130	0089_QC102_230313	13 Mar 2023	Field_D	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	0.03	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC112_250613	13 Jun 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC202_230313	13 Mar 2023	Interlab_D	<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	-
	0089_QC212_250613	13 Jun 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW130_170717	17 Jul 2017	Normal	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	-	<0.01	<0.02	-	<0.05	-	<0.01	<0.01	<0.01	<0.02	<0.5	-	<0.02	-
	0089_SW130_200108	08 Jan 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW130_200330	30 Mar 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW130_200715	15 Jul 2020	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	-	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW130_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_SW130_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	0.09	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW130_210315	15 Mar 2021	Normal	-	<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	<0.02	-
	0089_SW130_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW130_210830	30 Aug 2021	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW130_220110	10 Jan 2022	Normal	<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	<0.02	-
	0089_SW130_220314	14 Mar 2022	Normal	<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	<0.02	-
	0089_SW130_220607	07 Jun 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_SW130_220905	05 Sep 2022	Normal	-	<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	<0.02	-
	0089_SW130_221212	12 Dec 2022	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW130_230313	13 Mar 2023	Normal	<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	<0.05	<0.02	<0.02	-
	0089_SW130_230607	07 Jun 2023	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW130_230905	05 Sep 2023	Normal	<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	-	<0.02	<0.02	-
	0089_SW130_231211	11 Dec 2023	Normal	<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	-	<0.02	<0.02	-
	0089_SW130_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	0.03	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW130_240529	29 May 2024	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW130_241218	18 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	-
	0089_SW130_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
	0089_SW130_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW130_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	<0.05
0089_SW132	0089_QC1SW_170717	17 Jul 2017	Field_D	<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	<0.02	-
	0089_QC2SW_170717	17 Jul 2017	Interlab_D	<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	-
	0089_QC103_200715	15 Jul 2020	Field_D	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC104_220905	05 Sep 2022	Field_D	<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	-
	0089_QC104_221212	12 Dec 2022	Field_D	<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	<0.02	-
	0089_QC107_201214	14 Dec 2020	Field_D	<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	<0.02	-
	0089_QC107_231211	11 Dec 2023	Field_D	-	<0.02	-	<0.02	-	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_QC203_200215	15 Jul 2020	Interlab_D	<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	-
	0089_QC204_220905	05 Sep 2022	Interlab_D	<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	-
	0089_QC204_221212	12 Dec 2022	Interlab_D	<0.01	<0.01	-	<0.01	**0.02** [#1]	<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	-
	0089_QC207_201114	14 Dec 2020	Interlab_D	<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	-
	0089_QC207_231211	11 Dec 2023	Interlab_D	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.02 [#1]	-	-	<0.01	0.05 [#1]	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW132_170717	17 Jul 2017	Normal	<0.01	<0.02	-	<0.01	<0.01	-	-	-	<0.01	<0.02	<0.02	<0.05	<0.01	-	<0.01	<0.01	<0.02	<0.5	<0.1	<0.02	-
	0089_SW132_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_SW132_200330	30 Mar 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW132_200715	15 Jul 2020	Normal	<0.02	<0.02	-	<0.02	**0.07**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW132_200922	22 Sep 2020	Normal	<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	-
	0089_SW132_201214	14 Dec 2020	Normal	<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	-
	0089_SW132_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW132_210608	08 Jun 2021	Normal	-	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_SW132_210830	30 Aug 2021	Normal	<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	<0.02	-
	0089_SW132_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW132_220314	14 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW132_220607	07 Jun 2022	Normal	<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	<0.02	-
	0089_SW132_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	-	<0.02	-	<0.02	-	<0.02	-	-
	0089_SW132_221212	12 Dec 2022	Normal	<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	<0.05	<0.02	<0.02	-
	0089_SW132_230313	13 Mar 2023	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW132_230607	07 Jun 2023	Normal	<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	-
	0089_SW132_230905	05 Sep 2023	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW132_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	**0.1**	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_SW132_240311	11 Mar 2024	Normal	<0.02	-	-	<0.02	0.01	-	<0.02	-	-	-	-	<0.02	0.04	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW132_240529	29 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
0089_SW130	0089_QC102_230313	13 Mar 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	-	0.05	-	-	0.02	-
	0089_QC112_250613	13 Jun 2025	Field_D	<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	-
	0089_QC202_230313	13 Mar 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC212_250613	13 Jun 2025	Interlab_D	<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
	0089_SW130_170717	17 Jul 2017	Normal	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-
	0089_SW130_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_200715	15 Jul 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_SW130_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	-	<0.01	-
	0089_SW130_210315	15 Mar 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW130_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.05	0.05	-	-	-	-
	0089_SW130_210830	30 Aug 2021	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW130_220314	14 Mar 2022	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_220607	07 Jun 2022	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW130_221212	12 Dec 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	-	-
	0089_SW130_230313	13 Mar 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	0.03	0.03	-	-	0.01	-
	0089_SW130_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_230905	05 Sep 2023	Normal	<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	-
	0089_SW130_231211	11 Dec 2023	Normal	-	<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	-
	0089_SW130_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	-	0.04	-	-	0.01	-
	0089_SW130_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_241218	18 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW130_250314	14 Mar 2025	Normal	<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	-
				<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	-	-	-	-
	0089_SW130_250613	13 Jun 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW130_250909	09 Sep 2025	Normal	<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	-
				<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	-
0089_SW132	0089_QC1SW_170717	17 Jul 2017	Field_D	<0.1	-	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-
	0089_QC2SW_170717	17 Jul 2017	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.05	<0.01	-	-	-	-	-	-
	0089_QC103_200715	15 Jul 2020	Field_D	<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	-
	0089_QC104_220905	05 Sep 2022	Field_D	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC104_221212	12 Dec 2022	Field_D	<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	-
	0089_QC107_201214	14 Dec 2020	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC107_231211	11 Dec 2023	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_QC203_200215	15 Jul 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	0089_QC204_220905	05 Sep 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC204_221212	12 Dec 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	-	-	<0.1	<0.05	-	0.02	0.02	0.02
	0089_QC207_201114	14 Dec 2020	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	0.09	-	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
	0089_QC207_231211	11 Dec 2023	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.1	0.1	-	-	0.05	0.05
	0089_SW132_170717	17 Jul 2017	Normal	<0.1	<0.02	<0.5	<0.05	<0.02	-	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-
	0089_SW132_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW132_200330	30 Mar 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW132_200715	15 Jul 2020	Normal	<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	-
	0089_SW132_200922	22 Sep 2020	Normal	<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	-
	0089_SW132_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW132_210315	15 Mar 2021	Normal	<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	-
	0089_SW132_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	-	0.01	0.01	-	-	0.01	-
	0089_SW132_210830	30 Aug 2021	Normal	<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	-
	0089_SW132_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	0.02	0.02	-	-	-	-
	0089_SW132_220314	14 Mar 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW132_220607	07 Jun 2022	Normal	<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	-
	0089_SW132_220905	05 Sep 2022	Normal	<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	-
	0089_SW132_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_SW132_230313	13 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	<0.01	-
	0089_SW132_230607	07 Jun 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW132_230905	05 Sep 2023	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW132_231211	11 Dec 2023	Normal	<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	-	-	-	-
	0089_SW132_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	-	-	-
	0089_SW132_240529	29 May 2024	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW132_241218	18 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW132_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW132_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<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	<0.02	<0.05
	0089_SW132_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	<0.05
0089_SW134	0089_QC101_200331	31 Mar 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_QC102_220110	10 Jan 2022	Field_D	<0.02	-	-	<0.02	**0.03**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC104_210830	30 Aug 2021	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC107_220314	14 Mar 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC108_220607	07 Jun 2022	Field_D	<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	<0.02	-
	0089_QC109_200108	08 Jan 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_QC110_210608	08 Jun 2021	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_QC112_221212	12 Dec 2022	Field_D	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC116_200922	22 Sep 2020	Field_D	<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	<0.02	-
	0089_QC120_241218	18 Dec 2024	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_QC201_200331	31 Mar 2020	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-
	0089_QC202_220110	10 Jan 2022	Interlab_D	<0.01	<0.01	-	<0.01	**0.03** [#1]	<0.01	<0.01	<0.01	<0.01	<0.05	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
	0089_QC204_210830	30 Aug 2021	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC207_220314	14 Mar 2022	Interlab_D	<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	-
	0089_QC208_220607	07 Jun 2022	Interlab_D	<0.002	<0.004	-	<0.002	**0.027**	-	<0.002	-	0.003	<0.008	<0.001	<0.001	<0.004	0.002	<0.002	<0.001	<0.002	<0.001	<0.001	-	-
	0089_QC209_200108	08 Jan 2020	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	-
	0089_QC210_210608	08 Jun 2021	Interlab_D	<0.01	<0.01	-	<0.01	0.01 [#1]	<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	-
	0089_QC212_221212	12 Dec 2022	Interlab_D	<0.01	-	-	<0.01	0.01 [#1]	<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	-
	0089_QC216_200921	22 Sep 2020	Interlab_D	<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	-
	0089_QC220_241218	18 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW134_170717	17 Jul 2017	Normal	<0.01	<0.02	-	<0.01	-	-	-	-	<0.01	<0.02	-	<0.05	<0.01	<0.01	<0.01	<0.01	-	<0.5	<0.1	<0.02	-
	0089_SW134_200108	08 Jan 2020	Normal	-	-	-	<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	-
	0089_SW134_200331	31 Mar 2020	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW134_200715	15 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW134_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW134_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW134_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW134_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_SW134_210830	30 Aug 2021	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW134_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW134_220314	14 Mar 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW134_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW134_220905	05 Sep 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW134_221212	12 Dec 2022	Normal	<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	<0.02	-
	0089_SW134_230313	13 Mar 2023	Normal	<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	<0.02	-
	0089_SW134_230607	07 Jun 2023	Normal	-	-	-	<0.02	-	-	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW134_230905	05 Sep 2023	Normal	<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	<0.02	-
	0089_SW134_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_SW134_240311	11 Mar 2024	Normal	<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	-	-
	0089_SW134_240529	29 May 2024	Normal	<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	<0.02	-
	0089_SW134_241218	18 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW134_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW134_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	<0.05
	0089_SW134_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
0089_SW150	0089_QC107_240311	11 Mar 2024	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC108_210830	30 Aug 2021	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC109_210608	08 Jun 2021	Field_D	<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	-	-
	0089_QC112_240528	28 May 2024	Field_D	<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	<0.02	-
	0089_QC115_230607	07 Jun 2023	Field_D	<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	<0.02	-
	0089_QC115_250314	14 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW132_241218	18 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW132_250314	14 Mar 2025	Normal	<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	-
				<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW132_250613	13 Jun 2025	Normal	<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	-
				<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	-
	0089_SW132_250909	09 Sep 2025	Normal	<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	-
				-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
0089_SW134	0089_QC101_200331	31 Mar 2020	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC102_220110	10 Jan 2022	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_QC104_210830	30 Aug 2021	Field_D	<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	-
	0089_QC107_220314	14 Mar 2022	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC108_220607	07 Jun 2022	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_QC109_200108	08 Jan 2020	Field_D	<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	-
	0089_QC110_210608	08 Jun 2021	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC112_221212	12 Dec 2022	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_QC116_200922	22 Sep 2020	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_QC120_241218	18 Dec 2024	Field_D	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC201_200331	31 Mar 2020	Interlab_D	<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
	0089_QC202_220110	10 Jan 2022	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.01	<0.1	<0.05	-	0.03	0.03	0.03
	0089_QC204_210830	30 Aug 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	-	<0.01
	0089_QC207_220314	14 Mar 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC208_220607	07 Jun 2022	Interlab_D	<0.004	<0.004	-	<0.004	<0.004	<0.008	<0.004	<0.002	<0.008	<0.008	<0.002	<0.004	0.033	0.033	-	-	0.031	-
	0089_QC209_200108	08 Jan 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	-
	0089_QC210_210608	08 Jun 2021	Interlab_D	<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	-
	0089_QC212_221212	12 Dec 2022	Interlab_D	<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
	0089_QC216_200921	22 Sep 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC220_241218	18 Dec 2024	Interlab_D	<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
				-	-	<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
	0089_SW134_170717	17 Jul 2017	Normal	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-
	0089_SW134_200108	08 Jan 2020	Normal	<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	-
	0089_SW134_200331	31 Mar 2020	Normal	<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	-	-	-	-
	0089_SW134_200715	15 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW134_200922	22 Sep 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW134_201214	14 Dec 2020	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW134_210315	15 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	0.03	0.03	-	-	0.03	-
	0089_SW134_210608	08 Jun 2021	Normal	<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	-
	0089_SW134_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW134_220110	10 Jan 2022	Normal	<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	-
	0089_SW134_220314	14 Mar 2022	Normal	<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	-
	0089_SW134_220607	07 Jun 2022	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW134_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW134_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW134_230313	13 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW134_230607	07 Jun 2023	Normal	-	<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	-
	0089_SW134_230905	05 Sep 2023	Normal	<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	-
	0089_SW134_231211	11 Dec 2023	Normal	-	<0.02	-	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW134_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW134_240529	29 May 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW134_241218	18 Dec 2024	Normal	<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	-
				<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	-
	0089_SW134_250314	14 Mar 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW134_250613	13 Jun 2025	Normal	<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	-
				<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	-
	0089_SW134_250909	09 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
0089_SW150	0089_QC107_240311	11 Mar 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_QC108_210830	30 Aug 2021	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	-	-
	0089_QC109_210608	08 Jun 2021	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_QC112_240528	28 May 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC115_230607	07 Jun 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC115_250314	14 Mar 2025	Field_D	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_QC117_220315	15 Mar 2022	Field_D	<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	<0.02	-
	0089_QC122_250114	14 Jan 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC207_240311	11 Mar 2024	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	-
	0089_QC208_210830	30 Aug 2021	Interlab_D	<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	-
	0089_QC209_210608	08 Jun 2021	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
	0089_QC212_240528	28 May 2024	Interlab_D	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC215_230607	07 Jun 2023	Interlab_D	-	<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	-
	0089_QC215_250314	14 Mar 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC217_220315	15 Mar 2022	Interlab_D	<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	-
	0089_QC222_250114	14 Jan 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW150_170824	24 Aug 2017	Normal	<0.001	<0.002	-	<0.001	0.001	-	-	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW150_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_200330	30 Mar 2020	Normal	-	<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	<0.02	-
	0089_SW150_200720	20 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_210316	16 Mar 2021	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW150_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_220315	15 Mar 2022	Normal	<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	<0.02	-
	0089_SW150_220608	08 Jun 2022	Normal	<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	<0.05	<0.02	-	-
	0089_SW150_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_221212	12 Dec 2022	Normal	<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	<0.05	<0.02	<0.02	-
	0089_SW150_230315	15 Mar 2023	Normal	<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	<0.02	-
	0089_SW150_230607	07 Jun 2023	Normal	-	-	-	<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	<0.02	-
	0089_SW150_230911	11 Sep 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_231219	19 Dec 2023	Normal	<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	<0.02	-
	0089_SW150_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_SW150_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW150_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW150_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW150_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
0089_SW152	0089_QC103_220905	05 Sep 2022	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC203_220905	05 Sep 2022	Interlab_D	<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	-	-
	0089_SW152_170824	24 Aug 2017	Normal	<0.001	<0.002	-	-	<0.001	-	-	-	<0.001	<0.002	-	<0.005	-	<0.001	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
	0089_SW152_200108	08 Jan 2020	Normal	<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	<0.02	-
	0089_SW152_200330	30 Mar 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW152_200720	20 Jul 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	0089_SW152_200923	23 Sep 2020	Normal	<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	<0.02	-
	0089_SW152_201214	14 Dec 2020	Normal	<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	<0.02	-
	0089_SW152_210316	16 Mar 2021	Normal	<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	<0.02	-
	0089_SW152_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_210830	30 Aug 2021	Normal	<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	-	-
	0089_SW152_220110	10 Jan 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_220315	15 Mar 2022	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_220608	08 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_220905	05 Sep 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW152_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_230607	07 Jun 2023	Normal	<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	<0.05	<0.02	<0.02	-
	0089_SW152_230911	11 Sep 2023	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_231219	19 Dec 2023	Normal	<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	-	<0.02	<0.02	-
	0089_SW152_240311	11 Mar 2024	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW152_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_QC117_220315	15 Mar 2022	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC122_250114	14 Jan 2025	Field_D	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC207_240311	11 Mar 2024	Interlab_D	<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
	0089_QC208_210830	30 Aug 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	-	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC209_210608	08 Jun 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	-
	0089_QC212_240528	28 May 2024	Interlab_D	<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
	0089_QC215_230607	07 Jun 2023	Interlab_D	<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
	0089_QC215_250314	14 Mar 2025	Interlab_D	<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
	0089_QC217_220315	15 Mar 2022	Interlab_D	<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
	0089_QC222_250114	14 Jan 2025	Interlab_D	<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
				<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
	0089_SW150_170824	24 Aug 2017	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW150_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW150_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_200923	23 Sep 2020	Normal	<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	-
	0089_SW150_201214	14 Dec 2020	Normal	<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	-
	0089_SW150_210316	16 Mar 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	0089_SW150_210608	08 Jun 2021	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_210830	30 Aug 2021	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW150_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_220315	15 Mar 2022	Normal	<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	-
	0089_SW150_220608	08 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_220905	05 Sep 2022	Normal	<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	-	-	-	-
	0089_SW150_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW150_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_SW150_230911	11 Sep 2023	Normal	<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	-
	0089_SW150_231219	19 Dec 2023	Normal	<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	-
	0089_SW150_240311	11 Mar 2024	Normal	-	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.04	-	-	-	0.04	-
	0089_SW150_240528	28 May 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_250114	14 Jan 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW150_250314	14 Mar 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_250611	11 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW150_250923	23 Sep 2025	Normal	<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	-
0089_SW152	0089_QC103_220905	05 Sep 2022	Field_D	<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	-
	0089_QC203_220905	05 Sep 2022	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.01	<0.05	-	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	0089_SW152_170824	24 Aug 2017	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW152_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	0089_SW152_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_200720	20 Jul 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_200923	23 Sep 2020	Normal	-	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_210316	16 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_210608	08 Jun 2021	Normal	<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	-
	0089_SW152_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_220315	15 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_220608	08 Jun 2022	Normal	<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	-
	0089_SW152_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_221212	12 Dec 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_230315	15 Mar 2023	Normal	-	<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	-
	0089_SW152_230607	07 Jun 2023	Normal	<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	-
	0089_SW152_230911	11 Sep 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_231219	19 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_240311	11 Mar 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW152_240528	28 May 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_250114	14 Jan 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_250314	14 Mar 2025	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW152_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<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	-	-	-	-	<0.05
	0089_SW152_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
0089_SW154	0088_QC116_250923	23 Sep 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC104_200108	08 Jan 2020	Field_D	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC109_221212	12 Dec 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC113_220315	15 Mar 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_QC204_200108	08 Jan 2020	Interlab_D	<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	-
	0089_QC209_221212	12 Dec 2022	Interlab_D	<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	-
	0089_QC213_220315	15 Mar 2022	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-
	0089_QC216_250923	23 Sep 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW154_170824	24 Aug 2017	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	-	<0.05	<0.01	-	-
	0089_SW154_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_200330	30 Mar 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_SW154_200720	20 Jul 2020	Normal	<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	<0.02	-
	0089_SW154_200922	22 Sep 2020	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_201214	14 Dec 2020	Normal	<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	<0.02	-
	0089_SW154_210316	16 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW154_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_SW154_220110	10 Jan 2022	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW154_220315	15 Mar 2022	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW154_220608	08 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_220905	05 Sep 2022	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_SW154_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW154_230911	11 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_231219	19 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_240311	11 Mar 2024	Normal	<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	<0.05	<0.02	<0.02	-
	0089_SW154_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW154_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW154_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW154_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW154_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
0089_SW156	0089_QC107_220110	10 Jan 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_QC111_210316	16 Mar 2021	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC113_240528	28 May 2024	Field_D	<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	-	-
	0089_QC207_220110	10 Jan 2022	Interlab_D	<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	<0.01	-
	0089_QC211_210316	16 Mar 2021	Interlab_D	-	<0.01	-	<0.01	**0.02** [#1]	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
	0089_QC213_240528	28 May 2024	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW156_170824	24 Aug 2017	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW156_200108	08 Jan 2020	Normal	<0.02	-	-	-	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW156_200330	30 Mar 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_SW156_200720	20 Jul 2020	Normal	-	<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	-
	0089_SW156_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_SW156_201214	14 Dec 2020	Normal	-	<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	<0.02	-
	0089_SW156_210316	16 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW156_210608	08 Jun 2021	Normal	<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	<0.02	-
	0089_SW156_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW156_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW156_220315	15 Mar 2022	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_SW156_220608	08 Jun 2022	Normal	<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	<0.02	-
	0089_SW156_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_SW156_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW156_230315	15 Mar 2023	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW156_230607	07 Jun 2023	Normal	-	<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	-
	0089_SW156_230911	11 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW156_231219	19 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW156_240311	11 Mar 2024	Normal	-	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_SW156_240528	28 May 2024	Normal	<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	-	<0.02	-	-
	0089_SW156_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW152_250611	11 Jun 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW152_250923	23 Sep 2025	Normal	<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	-
0089_SW154	0088_QC116_250923	23 Sep 2025	Field_D	<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	-
	0089_QC104_200108	08 Jan 2020	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC109_221212	12 Dec 2022	Field_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_QC113_220315	15 Mar 2022	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC204_200108	08 Jan 2020	Interlab_D	<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
	0089_QC209_221212	12 Dec 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	-	<0.01	<0.01
	0089_QC213_220315	15 Mar 2022	Interlab_D	<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
	0089_QC216_250923	23 Sep 2025	Interlab_D	<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
	0089_SW154_170824	24 Aug 2017	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW154_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW154_200330	30 Mar 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW154_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW154_200922	22 Sep 2020	Normal	<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	-
	0089_SW154_201214	14 Dec 2020	Normal	<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	-
	0089_SW154_210316	16 Mar 2021	Normal	<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	-
	0089_SW154_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW154_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW154_220110	10 Jan 2022	Normal	<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	-
	0089_SW154_220315	15 Mar 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW154_220608	08 Jun 2022	Normal	<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	-
	0089_SW154_220905	05 Sep 2022	Normal	<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	-
	0089_SW154_221212	12 Dec 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW154_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW154_230607	07 Jun 2023	Normal	<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	-
	0089_SW154_230911	11 Sep 2023	Normal	-	<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	-
	0089_SW154_231219	19 Dec 2023	Normal	<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	-
	0089_SW154_240311	11 Mar 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_SW154_240528	28 May 2024	Normal	<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	-
	0089_SW154_250114	14 Jan 2025	Normal	<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	-
				<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	-
	0089_SW154_250314	14 Mar 2025	Normal	<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	-
	0089_SW154_250611	11 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW154_250923	23 Sep 2025	Normal	<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	-
0089_SW156	0089_QC107_220110	10 Jan 2022	Field_D	<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	-
	0089_QC111_210316	16 Mar 2021	Field_D	<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	-
	0089_QC113_240528	28 May 2024	Field_D	<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	-
	0089_QC207_220110	10 Jan 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC211_210316	16 Mar 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.01	<0.05	<0.01	<0.01	-	<0.05	-	0.02	0.02	0.02
	0089_QC213_240528	28 May 2024	Interlab_D	-	<0.05	-	<0.05	-	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_SW156_170824	24 Aug 2017	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW156_200108	08 Jan 2020	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW156_200330	30 Mar 2020	Normal	<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	-
	0089_SW156_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_200923	23 Sep 2020	Normal	<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	-
	0089_SW156_201214	14 Dec 2020	Normal	<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	-
	0089_SW156_210316	16 Mar 2021	Normal	<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	-
	0089_SW156_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_210830	30 Aug 2021	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_SW156_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_220315	15 Mar 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW156_220608	08 Jun 2022	Normal	<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	-
	0089_SW156_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW156_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_230911	11 Sep 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_231219	19 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_240311	11 Mar 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.04	-	-	-	-	-
	0089_SW156_240528	28 May 2024	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW156_250114	14 Jan 2025	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW156_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW156_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW156_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
0089_SW305	0089_QC112_240312	12 Mar 2024	Field_D	<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	<0.02	-
	0089_QC114_230313	13 Mar 2023	Field_D	<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	<0.02	-
	0089_QC115_220905	05 Sep 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC212_240312	12 Mar 2024	Interlab_D	<0.01	<0.01	-	<0.01	**0.46**	<0.01	<0.01	-	0.05	<0.05	<0.01	<0.01	<0.05	0.04	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	-
	0089_QC214_230313	13 Mar 2023	Interlab_D	<0.01	<0.01	-	<0.01	0.01 [#1]	<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	-
	0089_QC215_220905	05 Sep 2022	Interlab_D	<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	-
	0089_SW305_180417	17 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.008	-	<0.001	-	-	<0.002	-	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW305_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW305_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW305_200720	20 Jul 2020	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW305_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_SW305_201215	15 Dec 2020	Normal	<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	<0.02	-
	0089_SW305_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.37**	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW305_210610	10 Jun 2021	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	0089_SW305_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW305_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW305_220318	18 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW305_220608	08 Jun 2022	Normal	<0.02	<0.02	-	<0.02	**0.22**	-	<0.02	-	0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW305_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW305_221212	12 Dec 2022	Normal	<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	<0.02	-
	0089_SW305_230313	13 Mar 2023	Normal	<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	<0.02	-
	0089_SW305_230607	07 Jun 2023	Normal	<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	-
	0089_SW305_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW305_231213	13 Dec 2023	Normal	<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	<0.02	-
	0089_SW305_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.75**	-	-	-	0.04	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW305_240529	29 May 2024	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW305_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW305_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW305_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	<0.05
	0089_SW305_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<0.02	-	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	<0.05
0089_SW309	0089_QC101_200110	10 Jan 2020	Field_D	-	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC102_240311	11 Mar 2024	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC112_201215	15 Dec 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_QC114_210831	31 Aug 2021	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC201_200110	10 Jan 2020	Interlab_D	<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	-
	0089_QC202_240311	11 Mar 2024	Interlab_D	<0.01	<0.01	-	<0.01	**0.02**	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-	<0.05	0.04	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	-
	0089_QC212_201115	15 Dec 2020	Interlab_D	<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	-
	0089_QC214_210831	31 Aug 2021	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW309_180418	18 Apr 2018	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	-	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW309_200110	10 Jan 2020	Normal	<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	-
	0089_SW309_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_200722	22 Jul 2020	Normal	-	<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	<0.02	-
	0089_SW309_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_210609	09 Jun 2021	Normal	<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	-	-
	0089_SW309_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_220113	13 Jan 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_220316	16 Mar 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_SW309_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_SW309_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_230314	14 Mar 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_231211	11 Dec 2023	Normal	<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	-	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_250314	14 Mar 2025	Normal	<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	-
	0089_SW156_250611	11 Jun 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW156_250923	23 Sep 2025	Normal	<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	-
0089_SW305	0089_QC112_240312	12 Mar 2024	Field_D	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.19	-	-	0.19	-
	0089_QC114_230313	13 Mar 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.01	0.01	-	-	0.01	-
	0089_QC115_220905	05 Sep 2022	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC212_240312	12 Mar 2024	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	0.58	0.58	-	0.46	0.51	0.51
	0089_QC214_230313	13 Mar 2023	Interlab_D	<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
	0089_QC215_220905	05 Sep 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	0089_SW305_180417	17 Apr 2018	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	0089_SW305_200108	08 Jan 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.02	-	-	0.02	-
	0089_SW305_200331	31 Mar 2020	Normal	-	<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	-
	0089_SW305_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW305_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW305_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.13	-	-	-	0.13	-
	0089_SW305_210315	15 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.4	0.4	-	-	0.4	-
	0089_SW305_210610	10 Jun 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW305_210901	01 Sep 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_SW305_220111	11 Jan 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_SW305_220318	18 Mar 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW305_220608	08 Jun 2022	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	0.23	0.23	-	-	0.23	-
	0089_SW305_220905	05 Sep 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	-	-	-	-	<0.01	-
	0089_SW305_221212	12 Dec 2022	Normal	<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	-
	0089_SW305_230313	13 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	0.01	0.01	-	-	0.01	-
	0089_SW305_230607	07 Jun 2023	Normal	<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	-	-	-	-
	0089_SW305_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW305_231213	13 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW305_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.81	0.81	-	-	-	-
	0089_SW305_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW305_241217	17 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW305_250313	13 Mar 2025	Normal	<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	-
	0089_SW305_250613	13 Jun 2025	Normal	<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	-
				<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	-	-	-	-
	0089_SW305_250912	12 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
0089_SW309	0089_QC101_200110	10 Jan 2020	Field_D	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC102_240311	11 Mar 2024	Field_D	<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	-
	0089_QC112_201215	15 Dec 2020	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC114_210831	31 Aug 2021	Field_D	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC201_200110	10 Jan 2020	Interlab_D	<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
	0089_QC202_240311	11 Mar 2024	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	0.09	-	0.02	0.02	0.02
	0089_QC212_201115	15 Dec 2020	Interlab_D	<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
	0089_QC214_210831	31 Aug 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	-	<0.01	<0.1	<0.05	-	-	-	<0.01
	0089_SW309_180418	18 Apr 2018	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW309_200110	10 Jan 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW309_200331	31 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_200722	22 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_SW309_200923	23 Sep 2020	Normal	-	<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	-
	0089_SW309_201215	15 Dec 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_210609	09 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW309_210831	31 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_220113	13 Jan 2022	Normal	<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	-
	0089_SW309_220316	16 Mar 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	0089_SW309_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_221213	13 Dec 2022	Normal	<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	-
	0089_SW309_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_230608	08 Jun 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_230904	04 Sep 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW309_231211	11 Dec 2023	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW309_240311	11 Mar 2024	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW309_240528	28 May 2024	Normal	<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	<0.02	-
	0089_SW309_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW309_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW309_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW309_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<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	<0.02	<0.05
0089_SW310	0089_QC103_220607	07 Jun 2022	Field_D	-	<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	<0.02	-
	0089_QC104_250910	10 Sep 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC116_250616	16 Jun 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC203_220607	07 Jun 2022	Interlab_D	<0.002	<0.004	-	<0.002	0.004	-	<0.002	-	<0.002	<0.008	<0.001	<0.001	<0.004	<0.001	<0.002	<0.001	<0.002	-	<0.001	<0.001	-
	0089_QC204_250910	10 Sep 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC216_250616	16 Jun 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW310_180430	30 Apr 2018	Normal	<0.001	-	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	-	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW310_200110	10 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_200331	31 Mar 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW310_200722	22 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_200923	23 Sep 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW310_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW310_210317	17 Mar 2021	Normal	<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	-
	0089_SW310_210609	09 Jun 2021	Normal	<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	-	-	<0.02	-
	0089_SW310_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_220113	13 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_220316	16 Mar 2022	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_220607	07 Jun 2022	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW310_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW310_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_230608	08 Jun 2023	Normal	<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	<0.02	-
	0089_SW310_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_231211	11 Dec 2023	Normal	<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	<0.02	-
	0089_SW310_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_SW310_240528	28 May 2024	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW310_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW310_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW310_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	<0.05
0089_SW311	0089_SW311_180430	30 Apr 2018	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	-	-	<0.05	<0.01	<0.002	-
	0089_SW311_200401	01 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	0089_SW311_200722	22 Jul 2020	Normal	-	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_SW311_200923	23 Sep 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW311_201215	15 Dec 2020	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW311_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW311_210609	09 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW311_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW311_220113	13 Jan 2022	Normal	<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	-
	0089_SW311_220316	16 Mar 2022	Normal	<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	<0.02	-
	0089_SW311_220607	07 Jun 2022	Normal	<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	-
	0089_SW311_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW311_221213	13 Dec 2022	Normal	<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	-	-
	0089_SW311_230314	14 Mar 2023	Normal	<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	<0.02	-
	0089_SW311_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW311_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_SW311_231211	11 Dec 2023	Normal	<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	<0.02	-
	0089_SW311_240311	11 Mar 2024	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW311_240528	28 May 2024	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_SW311_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW311_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW309_240311	11 Mar 2024	Normal	<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	-
	0089_SW309_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW309_241218	19 Dec 2024	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_250311	11 Mar 2025	Normal	<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	-
	0089_SW309_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW309_250910	10 Sep 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
0089_SW310	0089_QC103_220607	07 Jun 2022	Field_D	<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	-
	0089_QC104_250910	10 Sep 2025	Field_D	<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	-
	0089_QC116_250616	16 Jun 2025	Field_D	<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	-
	0089_QC203_220607	07 Jun 2022	Interlab_D	<0.004	-	<0.008	<0.004	<0.004	<0.008	<0.004	-	<0.008	<0.008	<0.002	<0.004	0.004	0.004	-	-	0.004	-
	0089_QC204_250910	10 Sep 2025	Interlab_D	<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
	0089_QC216_250616	16 Jun 2025	Interlab_D	<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
	0089_SW310_180430	30 Apr 2018	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	0089_SW310_200110	10 Jan 2020	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_200331	31 Mar 2020	Normal	<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	-
	0089_SW310_200722	22 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_200923	23 Sep 2020	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW310_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW310_210609	09 Jun 2021	Normal	<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	-
	0089_SW310_210831	31 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW310_220316	16 Mar 2022	Normal	<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	-
	0089_SW310_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_220906	06 Sep 2022	Normal	<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	-
	0089_SW310_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_230608	08 Jun 2023	Normal	<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	-
	0089_SW310_230904	04 Sep 2023	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_231211	11 Dec 2023	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_240528	28 May 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_241218	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW310_250311	11 Mar 2025	Normal	<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	-
	0089_SW310_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW310_250910	10 Sep 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	-	-
0089_SW311	0089_SW311_180430	30 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW311_200401	01 Apr 2020	Normal	<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	-
	0089_SW311_200722	22 Jul 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_200923	23 Sep 2020	Normal	<0.05	-	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_201215	15 Dec 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_210609	09 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_210831	31 Aug 2021	Normal	<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	-
	0089_SW311_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_220316	16 Mar 2022	Normal	<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	-
	0089_SW311_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_221213	13 Dec 2022	Normal	<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	-	-	-	-
	0089_SW311_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_230608	08 Jun 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW311_230904	04 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_SW311_231211	11 Dec 2023	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW311_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW311_240528	28 May 2024	Normal	<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	-
	0089_SW311_241218	19 Dec 2024	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW311_250311	11 Mar 2025	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW311_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	-
	0089_SW311_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<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	<0.02	<0.05
0089_SW317	0089_QC101_230904	04 Sep 2023	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_QC108_241217	19 Dec 2024	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-	-
	0089_QC109_231212	12 Dec 2023	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC201_230904	04 Sep 2023	Interlab_D	<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	-
	0089_QC208_241217	17 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC209_231212	12 Dec 2023	Interlab_D	<0.01	<0.01	-	<0.01	**0.02** [#1]	<0.01	<0.01	<0.01	<0.01 [#1]	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW317_180417	17 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.007	-	<0.001	-	-	<0.002	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW317_200108	08 Jan 2020	Normal	<0.02	-	-	-	-	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW317_200110	10 Jan 2020	Normal	<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	<0.02	-
	0089_SW317_200330	30 Mar 2020	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	-	-
	0089_SW317_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW317_200921	21 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW317_201214	14 Dec 2020	Normal	<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	<0.02	-
	0089_SW317_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW317_210610	10 Jun 2021	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02
	0089_SW317_210831	31 Aug 2021	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW317_220113	13 Jan 2022	Normal	<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	<0.02	-
	0089_SW317_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW317_220609	09 Jun 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW317_220906	06 Sep 2022	Normal	<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	<0.02	-
	0089_SW317_221213	13 Dec 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW317_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW317_230606	06 Jun 2023	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW317_230904	04 Sep 2023	Normal	<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	<0.02	-
	0089_SW317_231212	12 Dec 2023	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	-	-
	0089_SW317_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_SW317_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW317_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW317_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW317_250612	12 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_SW317_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
0089_SW318	0089_QC103_200330	30 Mar 2020	Field_D	<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	-	<0.02	<0.02	-
	0089_QC203_200330	30 Mar 2020	Interlab_D	<0.01	<0.01	-	<0.01	**0.02** [#1]	<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	-
	0089_SW318_180418	18 Apr 2018	Normal	-	<0.002	-	-	0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW318_200108	08 Jan 2020	Normal	<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	<0.02	-
	0089_SW318_200330	30 Mar 2020	Normal	<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	<0.02	-
	0089_SW318_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	-	-
	0089_SW318_200921	21 Sep 2020	Normal	-	-	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW318_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW318_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	0089_SW318_210610	10 Jun 2021	Normal	-	<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	-	<0.02	<0.02	-
	0089_SW318_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW318_220113	13 Jan 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_SW318_220316	16 Mar 2022	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW318_220609	09 Jun 2022	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_SW318_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW318_221213	13 Dec 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	-	-
	0089_SW318_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_SW318_230606	06 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW318_230904	04 Sep 2023	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW318_231212	12 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW318_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW318_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW318_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	-	<0.02	<0.02	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW311_250616	16 Jun 2025	Normal	<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	-
				<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	-
	0089_SW311_250910	10 Sep 2025	Normal	<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	-
				<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_SW317	0089_QC101_230904	04 Sep 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC108_241217	19 Dec 2024	Field_D	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC109_231212	12 Dec 2023	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC201_230904	04 Sep 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
	0089_QC208_241217	17 Dec 2024	Interlab_D	<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
				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC209_231212	12 Dec 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	-	0.02	0.02	0.02
	0089_SW317_180417	17 Apr 2018	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW317_200108	08 Jan 2020	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_200110	10 Jan 2020	Normal	<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	-
	0089_SW317_200330	30 Mar 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_200721	21 Jul 2020	Normal	<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	-
	0089_SW317_200921	21 Sep 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_210315	15 Mar 2021	Normal	<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	-
	0089_SW317_210610	10 Jun 2021	Normal	<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	-
	0089_SW317_210831	31 Aug 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_220316	16 Mar 2022	Normal	<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	-
	0089_SW317_220609	09 Jun 2022	Normal	<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	-
	0089_SW317_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_SW317_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW317_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_230606	06 Jun 2023	Normal	<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	-
	0089_SW317_230904	04 Sep 2023	Normal	<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	-	-	-	-
	0089_SW317_231212	12 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW317_240311	11 Mar 2024	Normal	<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	-
	0089_SW317_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW317_241217	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW317_250310	10 Mar 2025	Normal	<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	-
	0089_SW317_250612	12 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW317_250916	16 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_SW318	0089_QC103_200330	30 Mar 2020	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	0.01	-	-	0.01	-
	0089_QC203_200330	30 Mar 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	-	0.02	0.02	0.02
	0089_SW318_180418	18 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW318_200108	08 Jan 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW318_200330	30 Mar 2020	Normal	<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	-	-	-	-
	0089_SW318_200721	21 Jul 2020	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW318_200921	21 Sep 2020	Normal	-	<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	-
	0089_SW318_201214	14 Dec 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW318_210315	15 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW318_210610	10 Jun 2021	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW318_210831	31 Aug 2021	Normal	<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	-
	0089_SW318_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW318_220316	16 Mar 2022	Normal	<0.05	<0.02	-	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW318_220609	09 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW318_220906	06 Sep 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW318_221213	13 Dec 2022	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW318_230314	14 Mar 2023	Normal	<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	-
	0089_SW318_230606	06 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW318_230904	04 Sep 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	-	<0.01	-	-	-	-
	0089_SW318_231212	12 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW318_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW318_240528	28 May 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW318_241217	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW318_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW318_250612	12 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW318_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-	<0.05
0089_SW319	0089_QC104_200330	30 Mar 2020	Field_D	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC104_200921	21 Sep 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC105_230606	06 Jun 2023	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_QC107_210315	15 Mar 2021	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC111_201214	14 Dec 2020	Field_D	-	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC204_200330	30 Mar 2020	Interlab_D	<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	-
	0089_QC204_200921	21 Sep 2020	Interlab_D	<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	-
	0089_QC205_230606	06 Jun 2023	Interlab_D	<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	-	-
	0089_QC207_210315	15 Mar 2021	Interlab_D	<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	-
	0089_QC211_201114	14 Dec 2020	Interlab_D	<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	-
	0089_SW319_180418	18 Apr 2018	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW319_200108	08 Jan 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_SW319_200330	30 Mar 2020	Normal	<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	<0.02	-
	0089_SW319_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	**0.1**	-	<0.02	-	0.03	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW319_200921	21 Sep 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW319_201214	14 Dec 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW319_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW319_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_SW319_210831	31 Aug 2021	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_SW319_220113	13 Jan 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW319_220316	16 Mar 2022	Normal	<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	-	-
	0089_SW319_220609	09 Jun 2022	Normal	<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	<0.02	-
	0089_SW319_220906	06 Sep 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW319_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW319_230314	14 Mar 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW319_230606	06 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW319_230904	04 Sep 2023	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW319_231212	12 Dec 2023	Normal	<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	-	<0.05	-	-	-
	0089_SW319_240311	11 Mar 2024	Normal	<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	-	-
	0089_SW319_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_SW319_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW319_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW319_250612	12 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW319_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<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	<0.02	<0.05
0089_SW353	0089_QC107_250312	12 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC207_250312	12 Mar 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW353_180419	19 Apr 2018	Normal	<0.001	<0.002	-	-	<0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
	0089_SW353_200130	30 Jan 2020	Normal	<0.02	<0.02	-	-	**0.52**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_200721	21 Jul 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	-	<0.02	-
	0089_SW353_201216	16 Dec 2020	Normal	<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	-	-	<0.02	-
	0089_SW353_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_210830	30 Aug 2021	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_SW353_220111	11 Jan 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_220314	14 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_220907	07 Sep 2022	Normal	<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	<0.02	-
	0089_SW353_221212	12 Dec 2022	Normal	<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	-
	0089_SW353_230315	15 Mar 2023	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_230607	07 Jun 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW353_230905	05 Sep 2023	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_231214	14 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_240311	11 Mar 2024	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_240527	27 May 2024	Normal	<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	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW318_250310	10 Mar 2025	Normal	<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	-
	0089_SW318_250612	12 Jun 2025	Normal	<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	-
				-	<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	-
	0089_SW318_250916	16 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_SW319	0089_QC104_200330	30 Mar 2020	Field_D	-	<0.02	<0.05	<0.05	-	<0.05	-	-	-	-	-	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC104_200921	21 Sep 2020	Field_D	-	<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	-
	0089_QC105_230606	06 Jun 2023	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC107_210315	15 Mar 2021	Field_D	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC111_201214	14 Dec 2020	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC204_200330	30 Mar 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC204_200921	21 Sep 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	-	<0.1	<0.05	-	-	<0.01	<0.01
	0089_QC205_230606	06 Jun 2023	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	-	<0.05	-	-	<0.05	-	-	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC207_210315	15 Mar 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
	0089_QC211_201114	14 Dec 2020	Interlab_D	<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	-
	0089_SW319_180418	18 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	0089_SW319_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_SW319_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW319_200721	21 Jul 2020	Normal	<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	-
	0089_SW319_200921	21 Sep 2020	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW319_201214	14 Dec 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_210315	15 Mar 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_210610	10 Jun 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_210831	31 Aug 2021	Normal	<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	-
	0089_SW319_220113	13 Jan 2022	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	-	-
	0089_SW319_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_220609	09 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_220906	06 Sep 2022	Normal	<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	-
	0089_SW319_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_230314	14 Mar 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_230606	06 Jun 2023	Normal	<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	-
	0089_SW319_230904	04 Sep 2023	Normal	-	<0.02	-	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_231212	12 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW319_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_241217	19 Dec 2024	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_250310	10 Mar 2025	Normal	<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	-
	0089_SW319_250612	12 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW319_250916	16 Sep 2025	Normal	<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	-
				<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	-
0089_SW353	0089_QC107_250312	12 Mar 2025	Field_D	<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	-
	0089_QC207_250312	12 Mar 2025	Interlab_D	<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
	0089_SW353_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW353_200130	30 Jan 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.53	0.53	-	-	0.52	-
	0089_SW353_200402	02 Apr 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW353_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW353_200923	23 Sep 2020	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	0.02	-	-	0.02	-
	0089_SW353_201216	16 Dec 2020	Normal	<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	-
	0089_SW353_210317	17 Mar 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_210608	08 Jun 2021	Normal	<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	-
	0089_SW353_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_220111	11 Jan 2022	Normal	<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	-
	0089_SW353_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW353_220607	07 Jun 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_220907	07 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_221212	12 Dec 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW353_230607	07 Jun 2023	Normal	-	<0.02	<0.05	<0.05	-	<0.05	-	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_230905	05 Sep 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_231214	14 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW353_240311	11 Mar 2024	Normal	<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	-
	0089_SW353_240527	27 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW353_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW353_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW353_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW353_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_SW370	0089_QC111_241217	17 Dec 2024	Field_D	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	<0.02	-	-	**0.02**	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_QC112_230607	07 Jun 2023	Field_D	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC211_241217	17 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC212_230607	07 Jun 2023	Interlab_D	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW370_180417	17 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.008	-	<0.001	-	0.003	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW370_200109	09 Jan 2020	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	0.03	<0.02	-	-	<0.02	<0.05	<0.02	-	-
	0089_SW370_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW370_200715	15 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW370_200924	24 Sep 2020	Normal	<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	<0.02	-
	0089_SW370_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW370_210316	16 Mar 2021	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW370_210609	09 Jun 2021	Normal	<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	<0.02	-
	0089_SW370_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW370_220110	10 Jan 2022	Normal	<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	-
	0089_SW370_220314	14 Mar 2022	Normal	<0.02	-	-	-	**0.02**	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW370_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	**0.11**	-	-	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW370_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW370_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW370_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW370_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW370_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW370_231213	13 Dec 2023	Normal	<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	<0.02	-
	0089_SW370_240313	13 Mar 2024	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	0089_SW370_240529	29 May 2024	Normal	<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	<0.02	-
	0089_SW370_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				-	-	-	-	0.01	<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	<0.02	-
	0089_SW370_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW370_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	-	-	-	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW370_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
0089_SW371	0089_QC103_210315	15 Mar 2021	Field_D	<0.02	<0.02	-	<0.02	**0.24**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC108_250912	12 Sep 2025	Field_D	<0.02	<0.02	<0.02	<0.02	**0.03**	<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	<0.02	<0.05
	0089_QC203_210315	15 Mar 2021	Interlab_D	<0.01	<0.01	-	<0.01	**0.1**[#1]	<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	-	-	-
	0089_QC208_250912	12 Sep 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW371_180417	17 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.009	-	<0.001	-	0.003	<0.002	<0.002	<0.005	-	0.001	<0.001	<0.001	<0.002	<0.05	<0.01	-	-
	0089_SW371_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_200401	01 Apr 2020	Normal	<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	<0.02	-
	0089_SW371_200720	20 Jul 2020	Normal	<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	<0.02	-
	0089_SW371_200922	22 Sep 2020	Normal	<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	<0.02	-
	0089_SW371_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	**0.31**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.22**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_SW371_210901	01 Sep 2021	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW371_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW371_220318	18 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_220608	08 Jun 2022	Normal	<0.02	<0.02	-	<0.02	**0.18**	-	-	-	0.02	<0.1	-	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	**0.07**	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_230313	13 Mar 2023	Normal	<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	<0.02	-
	0089_SW371_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_230905	05 Sep 2023	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_231213	13 Dec 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW371_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.07**	-	<0.02	-	0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW371_240529	29 May 2024	Normal	<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	-	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW353_241219	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.01	0.01	-	-	0.01	-
	0089_SW353_250312	12 Mar 2025	Normal	<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	-
	0089_SW353_250609	09 Jun 2025	Normal	<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	-
				<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	-
	0089_SW353_250911	11 Sep 2025	Normal	<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	-
				<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
0089_SW370	0089_QC111_241217	17 Dec 2024	Field_D	<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	-
				<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	-
	0089_QC112_230607	07 Jun 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC211_241217	17 Dec 2024	Interlab_D	<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
				<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
	0089_QC212_230607	07 Jun 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	-	-	-	<0.01	-
	0089_SW370_180417	17 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	0089_SW370_200109	09 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.05	0.05	-	-	-	-
	0089_SW370_200331	31 Mar 2020	Normal	<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	-	-	-	-
	0089_SW370_200715	15 Jul 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW370_200924	24 Sep 2020	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	-	-	-
	0089_SW370_201215	15 Dec 2020	Normal	<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	-
	0089_SW370_210316	16 Mar 2021	Normal	-	<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	-
	0089_SW370_210609	09 Jun 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_SW370_210901	01 Sep 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW370_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_SW370_220314	14 Mar 2022	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW370_220607	07 Jun 2022	Normal	-	<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	-
	0089_SW370_220905	05 Sep 2022	Normal	<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	-
	0089_SW370_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	-	-
	0089_SW370_230314	14 Mar 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.03	0.03	-	-	0.03	-
	0089_SW370_230607	07 Jun 2023	Normal	<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	-
	0089_SW370_230905	05 Sep 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW370_231213	13 Dec 2023	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW370_240313	13 Mar 2024	Normal	<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	-
	0089_SW370_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW370_241217	17 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW370_250313	13 Mar 2025	Normal	<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	-
	0089_SW370_250613	13 Jun 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW370_250912	12 Sep 2025	Normal	<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	-
				-	<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	-
0089_SW371	0089_QC103_210315	15 Mar 2021	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.26	0.26	-	-	0.26	-
	0089_QC108_250912	12 Sep 2025	Field_D	<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	-
	0089_QC203_210315	15 Mar 2021	Interlab_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	0.12	-	0.1	0.12	0.12
	0089_QC208_250912	12 Sep 2025	Interlab_D	<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
	0089_SW371_180417	17 Apr 2018	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	0089_SW371_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW371_200401	01 Apr 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW371_200720	20 Jul 2020	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	-	<0.05	0.01	-	-	-	0.01	-
	0089_SW371_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.01	-	-	0.01	-
	0089_SW371_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.31	0.31	-	-	0.31	-
	0089_SW371_210315	15 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.24	0.24	-	-	-	-
	0089_SW371_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW371_210901	01 Sep 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW371_220111	11 Jan 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	-	0.06	-
	0089_SW371_220318	18 Mar 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_SW371_220608	08 Jun 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.2	0.2	-	-	0.2	-
	0089_SW371_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW371_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_SW371_230313	13 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_SW371_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	-	-	-	-	-
	0089_SW371_230905	05 Sep 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW371_231213	13 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW371_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	0.09	-	-	0.09	-
	0089_SW371_240529	29 May 2024	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW371_241217	17 Dec 2024	Normal	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	<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	<0.02	-
	0089_SW371_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW371_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW371_250912	12 Sep 2025	Normal	<0.02	<0.02	<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	<0.02	<0.05
				-	<0.02	-	-	**0.02**	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.05
0089_SW372	0089_QC116_220112	12 Jan 2022	Field_D	<0.02	<0.02	-	<0.02	**0.03**	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC216_220112	12 Jan 2022	Interlab_D	<0.01	<0.01	-	<0.01	**0.02**	<0.01	<0.01	<0.01	<0.01	<0.05	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	-
	0089_SW372_180413	13 Apr 2018	Normal	0.002	<0.002	-	0.002	**0.042**	-	-	-	0.017	<0.002	<0.002	<0.005	<0.001	0.006	<0.001	-	<0.002	<0.05	<0.01	<0.002	-
	0089_SW372_200108	08 Jan 2020	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW372_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW372_200720	20 Jul 2020	Normal	<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	<0.02	-
	0089_SW372_200922	22 Sep 2020	Normal	<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	-	-
	0089_SW372_201215	15 Dec 2020	Normal	-	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	0089_SW372_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW372_210610	10 Jun 2021	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW372_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW372_220112	12 Jan 2022	Normal	<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	-	-
	0089_SW372_220318	18 Mar 2022	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW372_220608	08 Jun 2022	Normal	-	<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	<0.02	-
	0089_SW372_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW372_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	**0.6**	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW372_230314	14 Mar 2023	Normal	<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	-
	0089_SW372_230607	07 Jun 2023	Normal	<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	<0.02	-
	0089_SW372_230905	05 Sep 2023	Normal	<0.02	-	-	<0.02	**0.06**	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW372_231213	13 Dec 2023	Normal	<0.02	<0.02	-	<0.02	**0.1**	-	<0.02	-	0.04	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW372_240312	12 Mar 2024	Normal	<0.02	<0.02	-	-	**0.18**	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.04 [#2]	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW372_240528	28 May 2024	Normal	-	<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	<0.02	-
	0089_SW372_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW372_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW372_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW372_250912	12 Sep 2025	Normal	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	<0.02	-	-	**0.02**	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	<0.05
0089_SW373	0089_QC116_230314	14 Mar 2023	Field_D	<0.02	-	-	-	**0.13**	-	<0.02	-	0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_QC216_230314	14 Mar 2023	Interlab_D	<0.01	<0.01	-	<0.01	**0.14 [#1]**	<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	-
	0089_SW373_180413	13 Apr 2018	Normal	-	<0.002	-	0.002	**0.042**	-	0.002	-	0.02	<0.002	<0.002	<0.005	<0.001	-	<0.001	0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW373_200108	08 Jan 2020	Normal	<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	-
	0089_SW373_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_200720	20 Jul 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW373_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	**0.44**	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_201215	15 Dec 2020	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW373_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	**0.37**	-	<0.02	-	0.03	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_220112	12 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_220318	18 Mar 2022	Normal	-	<0.02	-	<0.02	**0.1**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_220608	08 Jun 2022	Normal	<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	-	<0.02	<0.02	-
	0089_SW373_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	**0.08**	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW373_221212	12 Dec 2022	Normal	-	<0.02	-	<0.02	**0.22**	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_230314	14 Mar 2023	Normal	-	<0.02	-	<0.02	**0.13**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW373_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	**0.28**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_231213	13 Dec 2023	Normal	<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	-	<0.02	<0.02	-
	0089_SW373_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.17**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW373_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW373_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<0.02	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	0089_SW373_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW373_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<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	<0.05	<0.02	<0.02	<0.05
	0089_SW373_250912	12 Sep 2025	Normal	<0.02	<0.02	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW371_241217	17 Dec 2024	Normal	<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	-
				<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	-
	0089_SW371_250313	13 Mar 2025	Normal	<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	-
	0089_SW371_250613	13 Jun 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	0089_SW371_250912	12 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.02	0.02	-	-	0.02	-
0089_SW372	0089_QC116_220112	12 Jan 2022	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	-	-	-	0.03	-
	0089_QC216_220112	12 Jan 2022	Interlab_D	<0.05	-	-	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	0.02	0.02	0.02
	0089_SW372_180413	13 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW372_200108	08 Jan 2020	Normal	<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	-
	0089_SW372_200331	31 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_SW372_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW372_200922	22 Sep 2020	Normal	<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	-
	0089_SW372_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	-	-	-	0.04	-
	0089_SW372_210317	17 Mar 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW372_210610	10 Jun 2021	Normal	<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	-
	0089_SW372_210901	01 Sep 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW372_220112	12 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_SW372_220318	18 Mar 2022	Normal	<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	-
	0089_SW372_220608	08 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.11	0.11	-	-	0.11	-
	0089_SW372_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.08	0.08	-	-	0.08	-
	0089_SW372_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.68	0.68	-	-	0.68	-
	0089_SW372_230314	14 Mar 2023	Normal	<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	-
	0089_SW372_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	-	-	-	0.08	-
	0089_SW372_230905	05 Sep 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.1	-	-	0.1	-
	0089_SW372_231213	13 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.14	0.14	-	-	0.14	-
	0089_SW372_240312	12 Mar 2024	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.21	0.21	-	-	0.21	-
	0089_SW372_240528	28 May 2024	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_SW372_241217	17 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	0.01	0.01	-	-	0.01	-
	0089_SW372_250313	13 Mar 2025	Normal	<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	-
	0089_SW372_250613	13 Jun 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW372_250912	12 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	0.02	-
0089_SW373	0089_QC116_230314	14 Mar 2023	Field_D	<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	-
	0089_QC216_230314	14 Mar 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.16	0.16	-	0.14	0.16	0.16
	0089_SW373_180413	13 Apr 2018	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW373_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW373_200331	31 Mar 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_SW373_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW373_200922	22 Sep 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.59	0.59	-	-	-	-
	0089_SW373_201215	15 Dec 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.05	0.05	-	-	0.05	-
	0089_SW373_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_SW373_210610	10 Jun 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW373_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.4	-	-	-	-	-
	0089_SW373_220112	12 Jan 2022	Normal	<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	-
	0089_SW373_220318	18 Mar 2022	Normal	<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	-
	0089_SW373_220608	08 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW373_220906	06 Sep 2022	Normal	<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	-
	0089_SW373_221212	12 Dec 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.26	-	-	0.26	-
	0089_SW373_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.15	0.15	-	-	0.15	-
	0089_SW373_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.3	0.3	-	-	0.3	-
	0089_SW373_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.21	0.21	-	-	0.21	-
	0089_SW373_231213	13 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.1	0.1	-	-	0.1	-
	0089_SW373_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.17	-	-	0.17	-
	0089_SW373_240528	28 May 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.06	-	-	0.06	-
	0089_SW373_241217	17 Dec 2024	Normal	<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	-
				<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	-
	0089_SW373_250313	13 Mar 2025	Normal	<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	-
	0089_SW373_250613	13 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW373_250912	12 Sep 2025	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
				<0.02	<0.02	-	<0.02	**0.02**	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
0089_SW382	0089_SW382_180419	19 Apr 2018	Normal	-	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	<0.002	-	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW382_200130	30 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_200402	02 Apr 2020	Normal	-	<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	<0.02	-
	0089_SW382_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_200923	23 Sep 2020	Normal	<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	-	<0.02	<0.02	-
	0089_SW382_201216	16 Dec 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_SW382_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	**0.17**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_220111	11 Jan 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	-	<0.02	-
	0089_SW382_220314	14 Mar 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_220607	07 Jun 2022	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_SW382_220907	07 Sep 2022	Normal	<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	<0.02	-
	0089_SW382_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_230607	07 Jun 2023	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_230905	05 Sep 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_231214	14 Dec 2023	Normal	0.03	<0.02	-	0.04	**2.29**	-	<0.02	-	0.25	<0.1	<0.02	<0.02	0.07	0.16	-	0.06	0.14	<0.05	<0.02	<0.02	-
	0089_SW382_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW382_240527	27 May 2024	Normal	<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	<0.02	-
	0089_SW382_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_SW382_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW382_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.05
	0089_SW382_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
0089_SW383	0089_SW383_180419	19 Apr 2018	Normal	-	-	-	<0.001	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_SW383_200130	30 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW383_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW383_200721	21 Jul 2020	Normal	<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	-	<0.02	<0.02	-
	0089_SW383_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW383_201216	16 Dec 2020	Normal	<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	-	-
	0089_SW383_210317	17 Mar 2021	Normal	<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	-	<0.02	<0.02	-
	0089_SW383_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW383_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	0089_SW383_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW383_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_SW383_220907	07 Sep 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_SW383_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW383_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW383_230905	05 Sep 2023	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW383_231214	14 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW383_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_SW383_240527	27 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_SW383_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW383_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW383_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW383_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_SW384	0089_SW384_180419	19 Apr 2018	Normal	-	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	-	<0.002	-
	0089_SW384_200130	30 Jan 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_200402	02 Apr 2020	Normal	-	-	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW384_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW384_200923	23 Sep 2020	Normal	-	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_201216	16 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_SW384_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW384_220314	14 Mar 2022	Normal	-	<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	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
				<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	-
0089_SW382	0089_SW382_180419	19 Apr 2018	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW382_200130	30 Jan 2020	Normal	<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	-
	0089_SW382_200402	02 Apr 2020	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_200721	21 Jul 2020	Normal	<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	-
	0089_SW382_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_201216	16 Dec 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_210317	17 Mar 2021	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_210608	08 Jun 2021	Normal	<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	-
	0089_SW382_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.17	0.17	-	-	-	-
	0089_SW382_220111	11 Jan 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW382_220607	07 Jun 2022	Normal	<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	-
	0089_SW382_220907	07 Sep 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_221212	12 Dec 2022	Normal	<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	-
	0089_SW382_230315	15 Mar 2023	Normal	<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	-
	0089_SW382_230607	07 Jun 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_SW382_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_231214	14 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	3.04	3	-	-	2.54	-
	0089_SW382_240311	11 Mar 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_240527	27 May 2024	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_241219	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW382_250312	12 Mar 2025	Normal	<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	-
	0089_SW382_250609	09 Jun 2025	Normal	<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	-
				<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	-
	0089_SW382_250911	11 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_SW383	0089_SW383_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW383_200130	30 Jan 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_200402	02 Apr 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW383_200721	21 Jul 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_200923	23 Sep 2020	Normal	<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	-
	0089_SW383_201216	16 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW383_210317	17 Mar 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW383_210608	08 Jun 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_210830	30 Aug 2021	Normal	-	<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	-
	0089_SW383_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_220607	07 Jun 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_220907	07 Sep 2022	Normal	<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	-
	0089_SW383_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_230315	15 Mar 2023	Normal	<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	-
	0089_SW383_230905	05 Sep 2023	Normal	<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	-
	0089_SW383_231214	14 Dec 2023	Normal	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW383_240311	11 Mar 2024	Normal	<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	-
	0089_SW383_240527	27 May 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_241219	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW383_250312	12 Mar 2025	Normal	<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	-
	0089_SW383_250609	09 Jun 2025	Normal	<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	-
				<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW383_250911	11 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	-	-	-	<0.01	-
0089_SW384	0089_SW384_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_SW384_200130	30 Jan 2020	Normal	<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	-
	0089_SW384_200402	02 Apr 2020	Normal	<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	-	-	-	-
	0089_SW384_200721	21 Jul 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_SW384_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_SW384_201216	16 Dec 2020	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_210317	17 Mar 2021	Normal	<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	-
	0089_SW384_210608	08 Jun 2021	Normal	<0.05	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_SW384_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_220314	14 Mar 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW384_220607	07 Jun 2022	Normal	<0.02	<0.02	-	-	-	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	-	-
	0089_SW384_220907	07 Sep 2022	Normal	<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	<0.02	-
	0089_SW384_221212	12 Dec 2022	Normal	<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	-	-
	0089_SW384_230315	15 Mar 2023	Normal	-	<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	<0.02	-
	0089_SW384_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW384_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_231214	14 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_240311	11 Mar 2024	Normal	<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	-
	0089_SW384_240527	27 May 2024	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW384_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<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	<0.02	-
	0089_SW384_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW384_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW384_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
0089_SW406	0089_QC104_231211	11 Dec 2023	Field_D	<0.02	<0.02	-	<0.02	-	-	-	-	<0.01	<0.1	-	<0.02	<0.02	0.07	<0.02	<0.01	0.04	<0.05	<0.02	<0.02	-
	0089_QC111_200921	21 Sep 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC113_200722	22 Jul 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC204_231211	11 Dec 2023	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	0.05 [#1]	-	<0.01	0.02	-	<0.01	<0.01	-
	0089_QC211_200921	21 Sep 2020	Interlab_D	<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	-
	0089_QC213_200722	22 Jul 2020	Interlab_D	<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	-
	0089_SW406_200114	14 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	0089_SW406_200401	01 Apr 2020	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW406_200722	22 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW406_200921	21 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW406_201215	15 Dec 2020	Normal	<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	<0.02	-
	0089_SW406_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW406_210610	10 Jun 2021	Normal	<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	-	-
	0089_SW406_210831	31 Aug 2021	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	0.08	<0.02	-	0.08	<0.05	<0.02	<0.02	-
	0089_SW406_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW406_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_SW406_220607	07 Jun 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_SW406_220907	07 Sep 2022	Normal	<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	<0.02	-
	0089_SW406_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW406_230314	14 Mar 2023	Normal	-	<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	<0.02	-
	0089_SW406_230608	08 Jun 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	0.04	<0.02	<0.01	0.04	<0.05	-	<0.02	-
	0089_SW406_230905	05 Sep 2023	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW406_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	-	<0.01	0.04	<0.05	<0.02	<0.02	-
	0089_SW406_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW406_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW406_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW406_250016	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-	<0.05
	0089_SW406_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW406_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	-	-	<0.02	<0.01	<0.02	-	<0.02	-	<0.05
0089_SW408	0089_QC101_250310	10 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC109_240528	28 May 2024	Field_D	<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	<0.02	-
	0089_QC201_250310	10 Mar 2025	Interlab_D	<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	<0.01	-
	0089_QC209_240528	28 May 2024	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	0089_SW408_200114	14 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW408_200401	01 Apr 2020	Normal	<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	-	<0.02	<0.02	-
	0089_SW408_200722	22 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW408_200921	21 Sep 2020	Normal	-	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW408_201215	15 Dec 2020	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW408_210315	15 Mar 2021	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW408_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW408_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	0.03	<0.02	<0.01	0.03	-	<0.02	<0.02	-
	0089_SW408_220114	14 Jan 2022	Normal	<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	-	-	-
	0089_SW408_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW408_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW408_220907	07 Sep 2022	Normal	<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	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW384_220607	07 Jun 2022	Normal	<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	-	-	-	-
	0089_SW384_220907	07 Sep 2022	Normal	<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	-
	0089_SW384_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_230607	07 Jun 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_230905	05 Sep 2023	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW384_231214	14 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW384_240527	27 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW384_241219	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	-	0.01	-	-	0.01	-
	0089_SW384_250312	12 Mar 2025	Normal	<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	-
	0089_SW384_250609	09 Jun 2025	Normal	<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	-
				<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	-
	0089_SW384_250911	11 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
0089_SW406	0089_QC104_231211	11 Dec 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.12	0.12	-	-	0.01	-
	0089_QC111_200921	21 Sep 2020	Field_D	<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	-
	0089_QC113_200722	22 Jul 2020	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC204_231211	11 Dec 2023	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	0.07	-	<0.01	<0.01	<0.01
	0089_QC211_200921	21 Sep 2020	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC213_200722	22 Jul 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	-
	0089_SW406_200114	14 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_200401	01 Apr 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW406_200722	22 Jul 2020	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_200921	21 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW406_201215	15 Dec 2020	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_210315	15 Mar 2021	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_SW406_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_210831	31 Aug 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.16	0.16	-	-	<0.01	-
	0089_SW406_220114	14 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW406_220316	16 Mar 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_220907	07 Sep 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_221213	13 Dec 2022	Normal	<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	-
	0089_SW406_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_230608	08 Jun 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	-	-	-	<0.01	-
	0089_SW406_230905	05 Sep 2023	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_231211	11 Dec 2023	Normal	<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	-	-	0.01	-
	0089_SW406_240312	12 Mar 2024	Normal	-	<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	-
	0089_SW406_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_241217	19 Dec 2024	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_250016	16 Sep 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW406_250310	10 Mar 2025	Normal	<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	-
	0089_SW406_250616	16 Jun 2025	Normal	<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	-
				<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_SW408	0089_QC101_250310	10 Mar 2025	Field_D	<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	-
	0089_QC109_240528	28 May 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC201_250310	10 Mar 2025	Interlab_D	<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
	0089_QC209_240528	28 May 2024	Interlab_D	-	-	<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
	0089_SW408_200114	14 Jan 2020	Normal	<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	-
	0089_SW408_200401	01 Apr 2020	Normal	<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	-
	0089_SW408_200722	22 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW408_200921	21 Sep 2020	Normal	<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	-
	0089_SW408_201215	15 Dec 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW408_210315	15 Mar 2021	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_210831	31 Aug 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.06	-	-	<0.01	-
	0089_SW408_220114	14 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_220316	16 Mar 2022	Normal	<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	-
	0089_SW408_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_220907	07 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW408_221213	13 Dec 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW408_230314	14 Mar 2023	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW408_230608	08 Jun 2023	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	0.04	<0.05	<0.02	<0.02	-
	0089_SW408_230905	05 Sep 2023	Normal	-	<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	<0.02	-
	0089_SW408_231211	11 Dec 2023	Normal	<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	-
	0089_SW408_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW408_240528	28 May 2024	Normal	<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	<0.05	<0.02	<0.02	-
	0089_SW408_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW408_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW408_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW408_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_SW410	0089_QC107_230904	04 Sep 2023	Field_D	<0.02	<0.02	-	<0.02	-	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC114_210610	10 Jun 2021	Field_D	<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	<0.02	-
	0089_QC207_230904	04 Sep 2023	Interlab_D	<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	-
	0089_QC214_210610	10 Jun 2021	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_SW410_200114	14 Jan 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_200721	21 Jul 2020	Normal	<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	-	-	-
	0089_SW410_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_201215	15 Dec 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	-	-
	0089_SW410_210317	17 Mar 2021	Normal	<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	<0.02	-
	0089_SW410_210610	10 Jun 2021	Normal	-	<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	<0.02	-
	0089_SW410_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	0089_SW410_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW410_220906	06 Sep 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW410_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_SW410_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW410_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_SW410_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_240312	12 Mar 2024	Normal	<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	<0.05	<0.02	<0.02	-
	0089_SW410_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW410_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW410_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW410_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW410_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_SW412	0089_QC109_230904	04 Sep 2023	Field_D	<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	-	-
	0089_QC116_241218	19 Dec 2024	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<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	<0.02	-
	0089_QC209_230904	04 Sep 2023	Interlab_D	<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	-
	0089_QC216_241218	18 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-
	0089_SW412_200114	14 Jan 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW412_200401	01 Apr 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW412_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_SW412_200922	22 Sep 2020	Normal	<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	-
	0089_SW412_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_210318	18 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_210609	09 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW412_210901	01 Sep 2021	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_220114	14 Jan 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW412_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_221214	14 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW412_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																				2	
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW408_221213	13 Dec 2022	Normal	<0.05	<0.02	-	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_230314	14 Mar 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW408_230608	08 Jun 2023	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.08	0.08	-	-	<0.01	-
	0089_SW408_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW408_231211	11 Dec 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW408_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_240528	28 May 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW408_241217	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_250310	10 Mar 2025	Normal	<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	-
	0089_SW408_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW408_250916	16 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
0089_SW410	0089_QC107_230904	04 Sep 2023	Field_D	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC114_210610	10 Jun 2021	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC207_230904	04 Sep 2023	Interlab_D	<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
	0089_QC214_210610	10 Jun 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
	0089_SW410_200114	14 Jan 2020	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW410_200402	02 Apr 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW410_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_200922	22 Sep 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_201215	15 Dec 2020	Normal	<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	-
	0089_SW410_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_210610	10 Jun 2021	Normal	<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	-
	0089_SW410_210831	31 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_SW410_220114	14 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_220316	16 Mar 2022	Normal	<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	-
	0089_SW410_220607	07 Jun 2022	Normal	-	<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	-
	0089_SW410_220906	06 Sep 2022	Normal	<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	-
	0089_SW410_221213	13 Dec 2022	Normal	<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	-
	0089_SW410_230314	14 Mar 2023	Normal	<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	-
	0089_SW410_230608	08 Jun 2023	Normal	<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	-
	0089_SW410_230904	04 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_231211	11 Dec 2023	Normal	<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	-
	0089_SW410_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_SW410_241217	19 Dec 2024	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_250310	10 Mar 2025	Normal	<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	-
	0089_SW410_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW410_250916	16 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_SW412	0089_QC109_230904	04 Sep 2023	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC116_241218	19 Dec 2024	Field_D	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC209_230904	04 Sep 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	-	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
	0089_QC216_241218	18 Dec 2024	Interlab_D	<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
				<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
	0089_SW412_200114	14 Jan 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW412_200401	01 Apr 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_SW412_200721	21 Jul 2020	Normal	<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	-
	0089_SW412_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW412_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW412_210318	18 Mar 2021	Normal	<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	-
	0089_SW412_210609	09 Jun 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW412_210901	01 Sep 2021	Normal	<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	-
	0089_SW412_220114	14 Jan 2022	Normal	-	<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	-
	0089_SW412_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW412_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_SW412_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW412_221214	14 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_SW412_230315	15 Mar 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW412_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW412_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_231213	13 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW412_240312	12 Mar 2024	Normal	<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	<0.02	-
	0089_SW412_240528	28 May 2024	Normal	<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	-	<0.02	<0.02	-
	0089_SW412_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	-
	0089_SW412_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW412_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	<0.05
	0089_SW412_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
0089_SW414	0089_QC116_220607	07 Jun 2022	Field_D	<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	<0.02	-
	0089_QC216_220607	07 Jun 2022	Interlab_D	-	<0.004	-	<0.002	<0.004	-	<0.002	-	<0.002	<0.008	<0.001	<0.001	<0.004	<0.001	-	<0.001	<0.002	<0.001	<0.001	<0.001	-
	0089_SW414_200114	14 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW414_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW414_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW414_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW414_201215	15 Dec 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW414_210318	18 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-
	0089_SW414_210609	09 Jun 2021	Normal	<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	<0.02	-
	0089_SW414_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW414_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_SW414_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	-	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW414_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW414_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW414_221214	14 Dec 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW414_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW414_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_SW414_230904	04 Sep 2023	Normal	<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	-	<0.02	<0.02	-
	0089_SW414_231213	13 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW414_240312	12 Mar 2024	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	0089_SW414_240528	28 May 2024	Normal	<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	<0.02	-
	0089_SW414_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	-	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW414_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW414_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	-	<0.02	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_SW414_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	-
0089_SW416	0089_SW416_200114	14 Jan 2020	Normal	<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	-	<0.02	<0.02	-
	0089_SW416_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW416_200721	21 Jul 2020	Normal	<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	-
	0089_SW416_200922	22 Sep 2020	Normal	<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	<0.02	-
	0089_SW416_201215	15 Dec 2020	Normal	<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	<0.02	-
	0089_SW416_210318	18 Mar 2021	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_SW416_210609	09 Jun 2021	Normal	<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	<0.02	-
	0089_SW416_210901	01 Sep 2021	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW416_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW416_220316	16 Mar 2022	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_SW416_220607	07 Jun 2022	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_SW416_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_SW416_221214	14 Dec 2022	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_SW416_230315	15 Mar 2023	Normal	<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	-	-
	0089_SW416_230608	08 Jun 2023	Normal	<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	<0.02	-
	0089_SW416_230904	04 Sep 2023	Normal	<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	-
	0089_SW416_231213	13 Dec 2023	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_SW416_240312	12 Mar 2024	Normal	<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	<0.02	-
	0089_SW416_240528	28 May 2024	Normal	<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	<0.02	-
	0089_SW416_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	-
	0089_SW416_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_SW416_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<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	-	<0.05	<0.02	<0.02	<0.05

	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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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
EQL	0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																		
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																	2	
PFAS NEMP 3.0 2025 Interim marine 99%																		

Location Code	Field ID	Date	Sample Type																
	0089_SW412_230608	08 Jun 2023	Normal	<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	-
	0089_SW412_230904	04 Sep 2023	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW412_231213	13 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	0089_SW412_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW412_240528	28 May 2024	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW412_241218	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	<0.05	-	-	-	-	<0.01	-
	0089_SW412_250311	11 Mar 2025	Normal	<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	-
	0089_SW412_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW412_250910	10 Sep 2025	Normal	<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	-
				-	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_SW414	0089_QC116_220607	07 Jun 2022	Field_D	<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	-
	0089_QC216_220607	07 Jun 2022	Interlab_D	-	<0.004	<0.008	<0.004	<0.004	<0.008	<0.004	<0.002	<0.008	<0.008	<0.002	<0.004	<0.001	<0.001	-	-	<0.002	-
	0089_SW414_200114	14 Jan 2020	Normal	<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	-	-	-	-
	0089_SW414_200402	02 Apr 2020	Normal	<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	-
	0089_SW414_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_SW414_200922	22 Sep 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_SW414_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_210318	18 Mar 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_SW414_210609	09 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_210901	01 Sep 2021	Normal	<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	-
	0089_SW414_220114	14 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_220607	07 Jun 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_220906	06 Sep 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
	0089_SW414_221214	14 Dec 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_230315	15 Mar 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_230608	08 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_230904	04 Sep 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_SW414_231213	13 Dec 2023	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_240312	12 Mar 2024	Normal	<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	-
	0089_SW414_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_SW414_241218	19 Dec 2024	Normal	<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	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_SW414_250311	11 Mar 2025	Normal	<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	-
	0089_SW414_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW414_250910	10 Sep 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
0089_SW416	0089_SW416_200114	14 Jan 2020	Normal	<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	-
	0089_SW416_200402	02 Apr 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_200721	21 Jul 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_200922	22 Sep 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_210318	18 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW416_210609	09 Jun 2021	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_210901	01 Sep 2021	Normal	<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	-
	0089_SW416_220114	14 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_220906	06 Sep 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW416_221214	14 Dec 2022	Normal	<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	-
	0089_SW416_230315	15 Mar 2023	Normal	<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	-
	0089_SW416_230608	08 Jun 2023	Normal	<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	-
	0089_SW416_230904	04 Sep 2023	Normal	<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	-
	0089_SW416_231213	13 Dec 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_SW416_240312	12 Mar 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_241218	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_SW416_250311	11 Mar 2025	Normal	<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	-
	0089_SW416_250616	16 Jun 2025	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.002	0.01	0.001	0.001	0.01	0.001	0.01	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.05
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SW416_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.008	0.004	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.002	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_SW416_250910	10 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
0089_PW304	0089_PW304_180417	17 Apr 2018	Normal	<0.001	<0.002	-	<0.001	**0.02**	-	<0.001	-	0.005	0.033	<0.002	-	0.003	-	<0.001	0.003	0.1	<0.05	<0.01	<0.002	-
	0089_PW304_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	**0.09**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW304_200401	01 Apr 2020	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_200720	20 Jul 2020	Normal	-	-	-	<0.02	-	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_200922	22 Sep 2020	Normal	<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	<0.02	-
	0089_PW304_201215	15 Dec 2020	Normal	<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	-
	0089_PW304_210315	15 Mar 2021	Normal	-	<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	<0.02	-
	0089_PW304_210610	10 Jun 2021	Normal	<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	<0.02	-
	0089_PW304_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW304_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.09**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	0089_PW304_220318	18 Mar 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW304_220608	08 Jun 2022	Normal	<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	<0.02	-
	0089_PW304_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_221212	12 Dec 2022	Normal	<0.02	<0.02	-	-	**0.02**	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_230313	13 Mar 2023	Normal	-	<0.02	-	<0.02	**0.05**	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_230905	05 Sep 2023	Normal	-	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_PW304_231213	13 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	0089_PW304_240529	29 May 2024	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.05**	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.05**	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW304_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	**0.03**	<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	<0.02	<0.05
	0089_PW304_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW304_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	-
	0089_QC101_200401	01 Apr 2020	Field_D	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC107_250912	12 Sep 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC111_240312	12 Mar 2024	Field_D	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC115_230313	13 Mar 2023	Field_D	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC201_200401	01 Apr 2020	Interlab_D	<0.01	<0.01	-	<0.01	<0.01 [#1]	<0.01	<0.01	<0.01	0.01 [#1]	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-
	0089_QC207_250912	12 Sep 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC211_240312	12 Mar 2024	Interlab_D	<0.01	<0.01	-	<0.01	**0.09**	<0.01	-	-	0.03	<0.05	<0.01	<0.01	<0.05	0.03	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	-
	0089_QC215_230313	13 Mar 2023	Interlab_D	<0.01	<0.01	-	<0.01	-	-	<0.01	<0.01	0.01 [#1]	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW306	0089_PW306_180418	18 Apr 2018	Normal	<0.001	-	-	-	<0.001	-	<0.001	-	<0.001	-	<0.002	<0.005	<0.001	<0.001	<0.001	-	<0.002	<0.05	-	<0.002	-
	0089_PW306_200110	10 Jan 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_200722	22 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_200923	23 Sep 2020	Normal	<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	<0.02	-
	0089_PW306_201215	15 Dec 2020	Normal	<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	-
	0089_PW306_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_210609	09 Jun 2021	Normal	<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	<0.02	-
	0089_PW306_210831	31 Aug 2021	Normal	<0.02	-	-	-	<0.01	-	-	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_220113	13 Jan 2022	Normal	<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	<0.02	-
	0089_PW306_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.02	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_220607	07 Jun 2022	Normal	<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	<0.02	-
	0089_PW306_220906	06 Sep 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_221213	13 Dec 2022	Normal	<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	-	-
	0089_PW306_230314	14 Mar 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW306_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_230904	04 Sep 2023	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW306_240311	11 Mar 2024	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW306_240528	28 May 2024	Normal	<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	<0.02	-
	0089_PW306_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<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	<0.02	-
	0089_PW306_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW306_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW306_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<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	<0.02	<0.05
	0089_QC115_250616	16 Jun 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC215_250616	16 Jun 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW307	0089_PW307_180430	30 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.001	-	-	-	-	-	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW307_200110	10 Jan 2020	Normal	<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	<0.02	-
	0089_PW307_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW307_200722	22 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
0089_PW304	0089_PW304_180417	17 Apr 2018	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW304_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.09	0.09	-	-	0.09	-
	0089_PW304_200401	01 Apr 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW304_200720	20 Jul 2020	Normal	<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	-
	0089_PW304_200922	22 Sep 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW304_201215	15 Dec 2020	Normal	<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	-
	0089_PW304_210315	15 Mar 2021	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW304_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW304_210901	01 Sep 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW304_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	-	-	-	0.09	-
	0089_PW304_220318	18 Mar 2022	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.04	0.04	-	-	0.04	-
	0089_PW304_220608	08 Jun 2022	Normal	<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	-
	0089_PW304_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW304_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW304_230313	13 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.06	0.06	-	-	0.06	-
	0089_PW304_230607	07 Jun 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW304_230905	05 Sep 2023	Normal	<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	-
	0089_PW304_231213	13 Dec 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW304_240312	12 Mar 2024	Normal	<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	-
	0089_PW304_240529	29 May 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	-	0.06	-
	0089_PW304_241217	17 Dec 2024	Normal	<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	-
				-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.05	0.05	-	-	0.05	-
	0089_PW304_250313	13 Mar 2025	Normal	<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	-
	0089_PW304_250613	13 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW304_250912	12 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC101_200401	01 Apr 2020	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC107_250912	12 Sep 2025	Field_D	<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	-
	0089_QC111_240312	12 Mar 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.05	0.05	-	-	-	-
	0089_QC115_230313	13 Mar 2023	Field_D	<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	-
	0089_QC201_200401	01 Apr 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	<0.01	0.01	0.01
	0089_QC207_250912	12 Sep 2025	Interlab_D	<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
	0089_QC211_240312	12 Mar 2024	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.17	0.17	-	-	0.12	0.12
	0089_QC215_230313	13 Mar 2023	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	0.08	-	0.07	0.08	0.08
0089_PW306	0089_PW306_180418	18 Apr 2018	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	0089_PW306_200110	10 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_200331	31 Mar 2020	Normal	<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	-
	0089_PW306_200722	22 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW306_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_210609	09 Jun 2021	Normal	-	<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	-
	0089_PW306_210831	31 Aug 2021	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_220113	13 Jan 2022	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_220607	07 Jun 2022	Normal	<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	-	-	-	-
	0089_PW306_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW306_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW306_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_230608	08 Jun 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_230904	04 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_231211	11 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.05	0.05	-	-	-	-
	0089_PW306_240311	11 Mar 2024	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_240528	28 May 2024	Normal	-	<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	-
	0089_PW306_241218	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW306_250311	11 Mar 2025	Normal	<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	-
	0089_PW306_250616	16 Jun 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW306_250910	10 Sep 2025	Normal	<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	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC115_250616	16 Jun 2025	Field_D	<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	-
	0089_QC215_250616	16 Jun 2025	Interlab_D	<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
0089_PW307	0089_PW307_180430	30 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW307_200110	10 Jan 2020	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_200331	31 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW307_200722	22 Jul 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-

	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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality					2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)					**0.02**																	
PFAS NEMP 3.0 2025 Interim marine 99%																	*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																			
	0089_PW307_200923	23 Sep 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW307_201215	15 Dec 2020	Normal	<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	<0.02	-
	0089_PW307_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW307_210609	09 Jun 2021	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW307_210831	31 Aug 2021	Normal	<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	<0.02	-
	0089_PW307_220113	13 Jan 2022	Normal	<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	<0.02	-
	0089_PW307_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW307_220607	07 Jun 2022	Normal	-	<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	-	-
	0089_PW307_220906	06 Sep 2022	Normal	<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	<0.02	-
	0089_PW307_221213	13 Dec 2022	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW307_230314	14 Mar 2023	Normal	<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	-	-	<0.05	<0.02	<0.02	-
	0089_PW307_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW307_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW307_231211	11 Dec 2023	Normal	<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	<0.02	-
	0089_PW307_240311	11 Mar 2024	Normal	-	<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	-	-
	0089_PW307_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_PW307_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW307_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_PW307_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_QC111_240528	28 May 2024	Field_D	<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	-	<0.02	<0.02	-
	0089_QC211_240528	28 May 2024	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW308	0089_PW308_180430	30 Apr 2018	Normal	<0.001	<0.002	-	<0.001	-	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	-	<0.002	<0.05	<0.01	<0.002	-
	0089_PW308_200110	10 Jan 2020	Normal	<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	<0.02	-
	0089_PW308_200401	01 Apr 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW308_200722	22 Jul 2020	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW308_200923	23 Sep 2020	Normal	<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	-	<0.02	<0.02	-
	0089_PW308_201215	15 Dec 2020	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW308_210317	17 Mar 2021	Normal	<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	-
	0089_PW308_210609	09 Jun 2021	Normal	<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	<0.02	-
	0089_PW308_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW308_220113	13 Jan 2022	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW308_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW308_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW308_220906	06 Sep 2022	Normal	<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	<0.02	-
	0089_PW308_221213	13 Dec 2022	Normal	<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	-
	0089_PW308_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW308_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW308_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW308_231211	11 Dec 2023	Normal	-	<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	-	-	-	-
	0089_PW308_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW308_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW308_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW308_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW308_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
0089_PW314	0089_PW314_180418	18 Apr 2018	Normal	-	-	-	<0.001	<0.001	-	-	-	<0.001	-	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW314_200110	10 Jan 2020	Normal	<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	<0.02	-
	0089_PW314_200331	31 Mar 2020	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW314_200722	22 Jul 2020	Normal	-	<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	-
	0089_PW314_200923	23 Sep 2020	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_210317	17 Mar 2021	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW314_210609	09 Jun 2021	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_220113	13 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW314_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_220607	07 Jun 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW314_221213	13 Dec 2022	Normal	-	<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	<0.02	-
	0089_PW314_230314	14 Mar 2023	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_230608	08 Jun 2023	Normal	<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	-
	0089_PW314_230904	04 Sep 2023	Normal	<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	<0.02	-
	0089_PW314_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW314_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW307_200923	23 Sep 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_210609	09 Jun 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW307_210831	31 Aug 2021	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_PW307_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_221213	13 Dec 2022	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_230314	14 Mar 2023	Normal	-	<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	-
	0089_PW307_230608	08 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW307_230904	04 Sep 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW307_231211	11 Dec 2023	Normal	<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	-
	0089_PW307_240311	11 Mar 2024	Normal	-	<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	-
	0089_PW307_240528	28 May 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW307_250311	11 Mar 2025	Normal	<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	-
	0089_PW307_250616	16 Jun 2025	Normal	<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	-
				<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	-
	0089_PW307_250910	10 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC111_240528	28 May 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC211_240528	28 May 2024	Interlab_D	<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
0089_PW308	0089_PW308_180430	30 Apr 2018	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW308_200110	10 Jan 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW308_200401	01 Apr 2020	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW308_200722	22 Jul 2020	Normal	<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	-
	0089_PW308_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW308_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW308_210317	17 Mar 2021	Normal	-	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.01	-	-	-	0.01	-
	0089_PW308_210609	09 Jun 2021	Normal	<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	-
	0089_PW308_210831	31 Aug 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW308_220113	13 Jan 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW308_220316	16 Mar 2022	Normal	<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	-
	0089_PW308_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW308_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW308_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW308_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW308_230608	08 Jun 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW308_230904	04 Sep 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW308_231211	11 Dec 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_PW308_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW308_240528	28 May 2024	Normal	<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	-
	0089_PW308_250311	11 Mar 2025	Normal	<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	-
	0089_PW308_250616	16 Jun 2025	Normal	<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	-
				<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	-
	0089_PW308_250910	10 Sep 2025	Normal	<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	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_PW314	0089_PW314_180418	18 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	-	-	-	-	-	-	-
	0089_PW314_200110	10 Jan 2020	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_200331	31 Mar 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_200722	22 Jul 2020	Normal	<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	-
	0089_PW314_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW314_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_210609	09 Jun 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW314_210831	31 Aug 2021	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_220113	13 Jan 2022	Normal	<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	-
	0089_PW314_220316	16 Mar 2022	Normal	-	<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	-
	0089_PW314_220607	07 Jun 2022	Normal	<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	-
	0089_PW314_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_230608	08 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_230904	04 Sep 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW314_231211	11 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW314_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW314_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW314_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	-	-	<0.02	<0.01	<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	-
0089_PW315	0089_PW315_180430	30 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.001	-	<0.001	-	-	<0.002	<0.002	-	<0.001	<0.001	-	-	<0.002	<0.05	<0.01	<0.002	-
	0089_PW315_200110	10 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW315_200401	01 Apr 2020	Normal	<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	<0.02	-
	0089_PW315_200722	22 Jul 2020	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW315_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW315_201215	15 Dec 2020	Normal	<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	<0.02	-
	0089_PW315_210317	17 Mar 2021	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_PW315_210609	09 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW315_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW315_220113	13 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_PW315_220316	16 Mar 2022	Normal	<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	-	-	<0.05	<0.02	<0.02	-
	0089_PW315_220607	07 Jun 2022	Normal	<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	-	<0.02	<0.02	-
	0089_PW315_220906	06 Sep 2022	Normal	-	<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	<0.02	-
	0089_PW315_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_PW315_230314	14 Mar 2023	Normal	<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	-
	0089_PW315_230608	08 Jun 2023	Normal	<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	-	-	-
	0089_PW315_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW315_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW315_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_PW315_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW315_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
	0089_PW315_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW315_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC103_240311	11 Mar 2024	Field_D	<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	-	<0.05	<0.02	<0.02	-
	0089_QC104_220607	07 Jun 2022	Field_D	<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	<0.02	-
	0089_QC116_210831	31 Aug 2021	Field_D	<0.02	-	-	<0.02	0.01	-	<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	<0.02	-
	0089_QC119_220113	13 Jan 2022	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC203_240311	11 Mar 2024	Interlab_D	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-	<0.05	0.02	<0.01	<0.01	0.02	<0.01	-	<0.01	-
	0089_QC204_220607	07 Jun 2022	Interlab_D	<0.002	<0.004	-	<0.002	<0.004	-	<0.002	-	<0.002	<0.008	-	-	<0.004	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	-
	0089_QC216_210831	31 Aug 2021	Interlab_D	<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	-
	0089_QC219_220113	12 Jan 2022	Interlab_D	<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	-
0089_PW316	0089_PW316_180430	30 Apr 2018	Normal	<0.001	<0.002	-	<0.001	-	-	-	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	-	-	<0.002	<0.05	<0.01	<0.002	-
	0089_PW316_200110	10 Jan 2020	Normal	<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	-	-
	0089_PW316_200401	01 Apr 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_200722	22 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_PW316_201215	15 Dec 2020	Normal	-	<0.02	-	<0.02	**0.1**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	0089_PW316_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_210609	09 Jun 2021	Normal	<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	<0.02	-
	0089_PW316_210831	31 Aug 2021	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_PW316_220113	13 Jan 2022	Normal	<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	<0.02	-
	0089_PW316_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_PW316_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_220906	06 Sep 2022	Normal	<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	<0.02	-
	0089_PW316_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_230314	14 Mar 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_230608	08 Jun 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW316_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW316_240311	11 Mar 2024	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_PW316_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW316_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				-	<0.02	-	<0.02	<0.01	<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	-	-
	0089_PW316_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_QC104_250311	11 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC204_250311	11 Mar 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW329	0089_PW329_180412	12 Apr 2018	Normal	<0.001	<0.002	-	<0.001	<0.001	-	<0.001	-	<0.001	-	-	<0.005	-	<0.001	<0.001	<0.001	-	<0.05	<0.01	<0.002	-
	0089_PW329_200110	10 Jan 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_200330	30 Mar 2020	Normal	<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	<0.02	-
	0089_PW329_200720	20 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_201214	14 Dec 2020	Normal	<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	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW314_250311	11 Mar 2025	Normal	<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	-
	0089_PW314_250910	10 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
0089_PW315	0089_PW315_180430	30 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW315_200110	10 Jan 2020	Normal	<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	-
	0089_PW315_200401	01 Apr 2020	Normal	<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	-
	0089_PW315_200722	22 Jul 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW315_200923	23 Sep 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_210317	17 Mar 2021	Normal	<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	-
	0089_PW315_210609	09 Jun 2021	Normal	<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	-
	0089_PW315_210831	31 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW315_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW315_220316	16 Mar 2022	Normal	<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	-
	0089_PW315_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_220906	06 Sep 2022	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW315_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_230608	08 Jun 2023	Normal	-	<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	-
	0089_PW315_230904	04 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_231211	11 Dec 2023	Normal	<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	-
	0089_PW315_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_240528	28 May 2024	Normal	<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	-
	0089_PW315_250311	11 Mar 2025	Normal	<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	-
	0089_PW315_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW315_250910	10 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC103_240311	11 Mar 2024	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	-	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_QC104_220607	07 Jun 2022	Field_D	<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	-
	0089_QC116_210831	31 Aug 2021	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_QC119_220113	13 Jan 2022	Field_D	-	<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	-
	0089_QC203_240311	11 Mar 2024	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	0089_QC204_220607	07 Jun 2022	Interlab_D	<0.004	<0.004	-	<0.004	-	<0.008	<0.004	<0.002	<0.008	<0.008	<0.002	<0.004	<0.001	<0.001	-	-	<0.002	-
	0089_QC216_210831	31 Aug 2021	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC219_220113	12 Jan 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	<0.01
0089_PW316	0089_PW316_180430	30 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW316_200110	10 Jan 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW316_200401	01 Apr 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_200722	22 Jul 2020	Normal	<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	-
	0089_PW316_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.1	0.1	-	-	0.1	-
	0089_PW316_210317	17 Mar 2021	Normal	<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	-	-	-	-
	0089_PW316_210609	09 Jun 2021	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW316_210831	31 Aug 2021	Normal	<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	-	-	-	-
	0089_PW316_220113	13 Jan 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW316_220316	16 Mar 2022	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW316_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW316_230608	08 Jun 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_230904	04 Sep 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_231211	11 Dec 2023	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_250311	11 Mar 2025	Normal	<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	-
	0089_PW316_250616	16 Jun 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW316_250910	10 Sep 2025	Normal	<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	-
				<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	-
	0089_QC104_250311	11 Mar 2025	Field_D	<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	-
	0089_QC204_250311	11 Mar 2025	Interlab_D	<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
0089_PW329	0089_PW329_180412	12 Apr 2018	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	0089_PW329_200110	10 Jan 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_200330	30 Mar 2020	Normal	<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	-
	0089_PW329_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_201214	14 Dec 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW329_210316	16 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_210830	30 Aug 2021	Normal	<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	<0.02	-
	0089_PW329_220110	10 Jan 2022	Normal	<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	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_220315	15 Mar 2022	Normal	<0.02	<0.02	-	-	-	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_220608	08 Jun 2022	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW329_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW329_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	-	-
	0089_PW329_230315	15 Mar 2023	Normal	<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	<0.02	-
	0089_PW329_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_230911	11 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW329_231219	19 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW329_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW329_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW329_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
	0089_PW329_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				<0.02	<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	<0.02	<0.05
	0089_PW329_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
	0089_QC102_201214	14 Dec 2020	Field_D	<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	<0.02	-
	0089_QC103_210608	08 Jun 2021	Field_D	<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	-	<0.02	<0.02	-
	0089_QC108_220110	10 Jan 2022	Field_D	<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	<0.02	-
	0089_QC108_250611	11 Jun 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
	0089_QC110_210316	16 Mar 2021	Field_D	<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	<0.02	-
	0089_QC115_240528	28 May 2024	Field_D	<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	-	-
	0089_QC116_220315	15 Mar 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_QC202_201114	14 Dec 2020	Interlab_D	<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	-
	0089_QC203_210608	08 Jun 2021	Interlab_D	<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	-
	0089_QC208_220110	10 Jan 2022	Interlab_D	<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	-
	0089_QC208_250611	11 Jun 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC210_210316	16 Mar 2021	Interlab_D	<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	-
	0089_QC215_240528	28 May 2024	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	0089_QC216_220315	15 Mar 2022	Interlab_D	<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	-
0089_PW330	0089_PW330_180412	12 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.001	-	<0.001	-	<0.001	<0.001	<0.002	<0.002	<0.005	-	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW330_200110	10 Jan 2020	Normal	<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	<0.02	<0.02	-
	0089_PW330_200330	30 Mar 2020	Normal	<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	<0.02	<0.02	-
	0089_PW330_200720	20 Jul 2020	Normal	<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	-	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_201214	14 Dec 2020	Normal	<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	-	-	<0.02	<0.02	-
	0089_PW330_210316	16 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_210830	30 Aug 2021	Normal	<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	<0.02	<0.02	-
	0089_PW330_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_220315	15 Mar 2022	Normal	<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	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_220608	08 Jun 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_220905	05 Sep 2022	Normal	<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	<0.02	<0.02	-
	0089_PW330_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_230607	07 Jun 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	-	-	-	-	-
	0089_PW330_230911	11 Sep 2023	Normal	<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	-	<0.05	<0.02	<0.02	<0.02	-
	0089_PW330_231219	19 Dec 2023	Normal	<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	-	<0.02	-	<0.02	-
	0089_PW330_240311	11 Mar 2024	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.02	-
	0089_PW330_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-	-
	0089_PW330_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW330_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
	0089_PW330_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
				-	-	-	-	<0.01	<0.02	-	<0.02	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	<0.05
	0089_PW330_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
	0089_QC105_221212	12 Dec 2022	Field_D	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_QC113_250314	14 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.02	<0.05
	0089_QC117_220608	08 Jun 2022	Field_D	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.02	-
	0089_QC205_221212	12 Dec 2022	Interlab_D	<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	-
	0089_QC213_250314	14 Mar 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC217_220608	08 Jun 2022	Interlab_D	<0.002	<0.004	-	-	<0.004	-	<0.002	-	<0.002	<0.008	<0.001	<0.001	<0.004	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	-
0089_PW331	0089_PW331_180412	12 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.001	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW331_200110	10 Jan 2020	Normal	<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	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW329_210316	16 Mar 2021	Normal	<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	-	-	-	-
	0089_PW329_210608	08 Jun 2021	Normal	<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	-
	0089_PW329_210830	30 Aug 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_PW329_220110	10 Jan 2022	Normal	<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	-
	0089_PW329_220315	15 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_220608	08 Jun 2022	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_220905	05 Sep 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_221212	12 Dec 2022	Normal	<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	-
	0089_PW329_230315	15 Mar 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_PW329_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_230911	11 Sep 2023	Normal	-	<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	-
	0089_PW329_231219	19 Dec 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW329_240528	28 May 2024	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_250114	14 Jan 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_250314	14 Mar 2025	Normal	<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	-
	0089_PW329_250611	11 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW329_250923	23 Sep 2025	Normal	<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	-
	0089_QC102_201214	14 Dec 2020	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC103_210608	08 Jun 2021	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC108_220110	10 Jan 2022	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC108_250611	11 Jun 2025	Field_D	<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	-
	0089_QC110_210316	16 Mar 2021	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC115_240528	28 May 2024	Field_D	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC116_220315	15 Mar 2022	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC202_201114	14 Dec 2020	Interlab_D	<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
	0089_QC203_210608	08 Jun 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC208_220110	10 Jan 2022	Interlab_D	<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
	0089_QC208_250611	11 Jun 2025	Interlab_D	<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
	0089_QC210_210316	16 Mar 2021	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC215_240528	28 May 2024	Interlab_D	<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
	0089_QC216_220315	15 Mar 2022	Interlab_D	<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	-	-	-	-
0089_PW330	0089_PW330_180412	12 Apr 2018	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW330_200110	10 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_200330	30 Mar 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_200720	20 Jul 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_200922	22 Sep 2020	Normal	<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	-
	0089_PW330_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_210316	16 Mar 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_210608	08 Jun 2021	Normal	<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	-
	0089_PW330_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_220110	10 Jan 2022	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW330_220315	15 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW330_220608	08 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW330_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_PW330_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_PW330_230315	15 Mar 2023	Normal	<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	-
	0089_PW330_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW330_230911	11 Sep 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_231219	19 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW330_240528	28 May 2024	Normal	<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	-
	0089_PW330_250114	14 Jan 2025	Normal	<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	-
				<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	-
	0089_PW330_250314	14 Mar 2025	Normal	<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	-
	0089_PW330_250611	11 Jun 2025	Normal	<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	-
				<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	-
	0089_PW330_250923	23 Sep 2025	Normal	<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	-
	0089_QC105_221212	12 Dec 2022	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_QC113_250314	14 Mar 2025	Field_D	<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	-
	0089_QC117_220608	08 Jun 2022	Field_D	<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	-
	0089_QC205_221212	12 Dec 2022	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	-
	0089_QC213_250314	14 Mar 2025	Interlab_D	<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
	0089_QC217_220608	08 Jun 2022	Interlab_D	<0.004	<0.004	<0.008	<0.004	<0.004	<0.008	<0.004	<0.002	<0.008	<0.008	<0.002	<0.004	-	<0.001	-	-	<0.002	-
0089_PW331	0089_PW331_180412	12 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW331_200110	10 Jan 2020	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW331_200330	30 Mar 2020	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW331_200720	20 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW331_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW331_201214	14 Dec 2020	Normal	<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	<0.02	-
	0089_PW331_210316	16 Mar 2021	Normal	<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	<0.02	-
	0089_PW331_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW331_210830	30 Aug 2021	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW331_220110	10 Jan 2022	Normal	-	<0.02	-	-	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW331_220315	15 Mar 2022	Normal	<0.02	-	-	<0.02	0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW331_220608	08 Jun 2022	Normal	<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	<0.02	-
	0089_PW331_220905	05 Sep 2022	Normal	<0.02	-	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_PW331_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW331_230315	15 Mar 2023	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_PW331_230607	07 Jun 2023	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW331_230911	11 Sep 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW331_231219	19 Dec 2023	Normal	-	<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	<0.02	-
	0089_PW331_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW331_240528	28 May 2024	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW331_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW331_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW331_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<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	<0.02	-
	0089_PW331_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC104_201214	14 Dec 2020	Field_D	<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	-	-	-
	0089_QC106_220905	05 Sep 2022	Field_D	<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	<0.02	-
	0089_QC114_220315	15 Mar 2022	Field_D	<0.02	<0.02	-	-	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_QC118_220608	08 Jun 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC124_250114	14 Jan 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC204_201114	14 Dec 2020	Interlab_D	<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	-
	0089_QC206_220905	05 Sep 2022	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
	0089_QC214_220315	15 Mar 2022	Interlab_D	<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	<0.01	-
	0089_QC218_220608	08 Jun 2022	Interlab_D	<0.002	<0.004	-	<0.002	0.006	-	<0.002	-	<0.002	<0.008	<0.001	<0.001	<0.004	<0.001	<0.002	<0.001	<0.002	-	<0.001	<0.001	-
	0089_QC224_250114	14 Jan 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				<0.01	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-
0089_PW335	0089_PW335_180413	13 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.003	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	-	-	<0.001	<0.002	-	<0.01	<0.002	-
	0089_PW335_200109	09 Jan 2020	Normal	<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	<0.02	-
	0089_PW335_200330	30 Mar 2020	Normal	<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	<0.02	-
	0089_PW335_200715	15 Jul 2020	Normal	<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	<0.02	-
	0089_PW335_200922	22 Sep 2020	Normal	<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	<0.02	-
	0089_PW335_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW335_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.07**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW335_210608	08 Jun 2021	Normal	<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	-	-
	0089_PW335_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW335_220110	10 Jan 2022	Normal	<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	<0.02	-
	0089_PW335_220314	14 Mar 2022	Normal	<0.02	-	-	<0.02	**0.05**	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW335_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW335_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW335_221212	12 Dec 2022	Normal	<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	<0.02	-
	0089_PW335_230313	13 Mar 2023	Normal	<0.02	<0.02	-	<0.02	**0.14**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW335_230607	07 Jun 2023	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW335_230905	05 Sep 2023	Normal	<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	-
	0089_PW335_231211	11 Dec 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW335_240311	11 Mar 2024	Normal	<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	-	-
	0089_PW335_240529	29 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_PW335_241218	18 Dec 2024	Normal	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	<0.02	-	<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	-	<0.02	-	-
	0089_PW335_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW335_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-	<0.05
	0089_PW335_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_QC1PW_180413	13 Apr 2018	Field_D	<0.001	<0.002	-	-	0.011	-	<0.001	-	0.004	0.004	-	<0.005	<0.001	0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_QC2PW_180413	13 Apr 2018	Interlab_D	<0.001	<0.001	-	-	-	-	-	-	-	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	-
				<0.001	<0.001	-	-	0.011 [#1]	-	<0.001	-	0.006	0.005	<0.001	-	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW331_200330	30 Mar 2020	Normal	<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	-
	0089_PW331_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW331_200923	23 Sep 2020	Normal	<0.05	-	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW331_210316	16 Mar 2021	Normal	<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	-
	0089_PW331_210608	08 Jun 2021	Normal	<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	-
	0089_PW331_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_220315	15 Mar 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW331_220608	08 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_220905	05 Sep 2022	Normal	<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	-
	0089_PW331_221212	12 Dec 2022	Normal	-	<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	-
	0089_PW331_230315	15 Mar 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW331_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_230911	11 Sep 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	-	-
	0089_PW331_231219	19 Dec 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_240528	28 May 2024	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_PW331_250114	14 Jan 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_250314	14 Mar 2025	Normal	<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	-
				<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	-
	0089_PW331_250611	11 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW331_250923	23 Sep 2025	Normal	<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	-
	0089_QC104_201214	14 Dec 2020	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC106_220905	05 Sep 2022	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC114_220315	15 Mar 2022	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_QC118_220608	08 Jun 2022	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC124_250114	14 Jan 2025	Field_D	<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	-
				-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC204_201114	14 Dec 2020	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	-	<0.05	-	<0.01	<0.01	<0.01
	0089_QC206_220905	05 Sep 2022	Interlab_D	<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
	0089_QC214_220315	15 Mar 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC218_220608	08 Jun 2022	Interlab_D	<0.004	<0.004	<0.008	<0.004	<0.004	<0.008	<0.004	<0.002	<0.008	<0.008	<0.002	<0.004	0.006	0.006	-	-	0.006	-
	0089_QC224_250114	14 Jan 2025	Interlab_D	<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
				<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
0089_PW335	0089_PW335_180413	13 Apr 2018	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW335_200109	09 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW335_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW335_200715	15 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_PW335_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.01	-	-	0.01	-
	0089_PW335_201214	14 Dec 2020	Normal	<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	-
	0089_PW335_210315	15 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_PW335_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW335_210830	30 Aug 2021	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW335_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.11	<0.05	<0.05	0.13	0.13	-	-	0.02	-
	0089_PW335_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.05	0.05	-	-	0.05	-
	0089_PW335_220607	07 Jun 2022	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW335_220905	05 Sep 2022	Normal	<0.05	-	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW335_221212	12 Dec 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_PW335_230313	13 Mar 2023	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.14	0.14	-	-	0.14	-
	0089_PW335_230607	07 Jun 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW335_230905	05 Sep 2023	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW335_231211	11 Dec 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW335_240311	11 Mar 2024	Normal	<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	-
	0089_PW335_240529	29 May 2024	Normal	<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	-
	0089_PW335_241218	18 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	0.02	-
	0089_PW335_250314	14 Mar 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW335_250613	13 Jun 2025	Normal	<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	-
				<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	-
	0089_PW335_250909	09 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC1PW_180413	13 Apr 2018	Field_D	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_QC2PW_180413	13 Apr 2018	Interlab_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	0.023	0.023	-	-	-	-
				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	-	-	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_QC104_200715	15 Jul 2020	Field_D	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_QC104_240311	11 Mar 2024	Field_D	-	<0.02	-	<0.02	0.01	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC105_201214	14 Dec 2020	Field_D	<0.02	-	-	-	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC204_200215	15 Jul 2020	Interlab_D	<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	<0.01	-
	0089_QC204_240311	11 Mar 2024	Interlab_D	-	<0.01	-	<0.01	**0.03**	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-	<0.05	0.04	<0.01	-	0.04	-	-	<0.01	-
	0089_QC205_201114	14 Dec 2020	Interlab_D	<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	<0.01	-
0089_PW340	0089_PW340_180413	13 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.003	-	-	-	0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW340_200109	09 Jan 2020	Normal	<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	<0.02	-
	0089_PW340_200330	30 Mar 2020	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW340_200715	15 Jul 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW340_200922	22 Sep 2020	Normal	<0.02	-	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW340_201214	14 Dec 2020	Normal	<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	<0.02	-
	0089_PW340_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.28**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW340_210608	08 Jun 2021	Normal	<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	-	-
	0089_PW340_210830	30 Aug 2021	Normal	<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	<0.02	-
	0089_PW340_220110	10 Jan 2022	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW340_220314	14 Mar 2022	Normal	<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	-	<0.05	<0.02	-	-
	0089_PW340_220607	07 Jun 2022	Normal	<0.02	-	-	<0.02	**0.03**	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW340_220905	05 Sep 2022	Normal	<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	-	-
	0089_PW340_221212	12 Dec 2022	Normal	-	-	-	<0.02	**0.03**	-	<0.02	-	0.06	<0.1	<0.02	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW340_230313	13 Mar 2023	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_PW340_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	-	-	-
	0089_PW340_230905	05 Sep 2023	Normal	<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	<0.02	-
	0089_PW340_231211	11 Dec 2023	Normal	<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	-
	0089_PW340_240311	11 Mar 2024	Normal	<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	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW340_240529	29 May 2024	Normal	<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	-
	0089_PW340_241218	18 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.03**	<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	<0.05
				<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	-
	0089_PW340_250314	14 Mar 2025	Normal	<0.02	<0.02	<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	<0.05
				<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	<0.02	<0.05
	0089_PW340_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.05
	0089_PW340_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_QC107_200330	30 Mar 2020	Field_D	<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	<0.02	-
	0089_QC118_230905	05 Sep 2023	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_QC207_200330	30 Mar 2020	Interlab_D	<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	<0.01	<0.01	-
	0089_QC218_230905	05 Sep 2023	Interlab_D	<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	-
0089_PW341	0089_PW341_180413	13 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.004	-	<0.001	-	0.004	0.002	<0.002	-	<0.001	<0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW341_200108	08 Jan 2020	Normal	-	<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	<0.02	-
	0089_PW341_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW341_200715	15 Jul 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW341_200922	22 Sep 2020	Normal	<0.02	<0.02	-	-	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_PW341_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW341_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW341_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW341_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW341_220110	10 Jan 2022	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW341_220314	14 Mar 2022	Normal	-	<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	-	-
	0089_PW341_220607	07 Jun 2022	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW341_220905	05 Sep 2022	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	0.02	<0.1	<0.02	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW341_221212	12 Dec 2022	Normal	<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	-	-
	0089_PW341_230313	13 Mar 2023	Normal	<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	<0.02	-
	0089_PW341_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	-	-	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW341_230905	05 Sep 2023	Normal	<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	<0.02	-
	0089_PW341_231211	11 Dec 2023	Normal	<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	-	-
	0089_PW341_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-	-
	0089_PW341_240529	29 May 2024	Normal	-	<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	-
	0089_PW341_241218	18 Dec 2024	Normal	<0.02	<0.02	<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	<0.05
				<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	-
	0089_PW341_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW341_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-
	0089_PW341_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				-	<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	-	<0.02	<0.02	<0.05
	0089_QC106_200108	08 Jan 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_QC115_200922	22 Sep 2020	Field_D	<0.02	<0.02	-	-	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	-	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_QC104_200715	15 Jul 2020	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	0.02	-
	0089_QC104_240311	11 Mar 2024	Field_D	<0.05	<0.02	-	-	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_QC105_201214	14 Dec 2020	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC204_200215	15 Jul 2020	Interlab_D	<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
	0089_QC204_240311	11 Mar 2024	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.11	0.11	-	-	0.03	0.03
	0089_QC205_201114	14 Dec 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
0089_PW340	0089_PW340_180413	13 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	-	<0.005	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	-
	0089_PW340_200109	09 Jan 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	0.02	-
	0089_PW340_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW340_200715	15 Jul 2020	Normal	<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	-
	0089_PW340_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW340_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW340_210315	15 Mar 2021	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.28	0.28	-	-	0.28	-
	0089_PW340_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW340_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW340_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.02	-	-	0.02	-
	0089_PW340_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW340_220607	07 Jun 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.03	-	-	-	0.03	-
	0089_PW340_220905	05 Sep 2022	Normal	<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	-
	0089_PW340_221212	12 Dec 2022	Normal	<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	-
	0089_PW340_230313	13 Mar 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW340_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	-	-
	0089_PW340_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW340_231211	11 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_PW340_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW340_240529	29 May 2024	Normal	<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	-
	0089_PW340_241218	18 Dec 2024	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW340_250314	14 Mar 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	-	-
	0089_PW340_250613	13 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW340_250909	09 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC107_200330	30 Mar 2020	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC118_230905	05 Sep 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC207_200330	30 Mar 2020	Interlab_D	<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
	0089_QC218_230905	05 Sep 2023	Interlab_D	<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
0089_PW341	0089_PW341_180413	13 Apr 2018	Normal	-	<0.002	-	<0.005	-	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW341_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW341_200331	31 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW341_200715	15 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW341_200922	22 Sep 2020	Normal	<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	-
	0089_PW341_201214	14 Dec 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.01	-	-	-	0.01	-
	0089_PW341_210315	15 Mar 2021	Normal	<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	-
	0089_PW341_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW341_210830	30 Aug 2021	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW341_220110	10 Jan 2022	Normal	<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	-
	0089_PW341_220314	14 Mar 2022	Normal	<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	-	-	-	-
	0089_PW341_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW341_220905	05 Sep 2022	Normal	<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	-
	0089_PW341_221212	12 Dec 2022	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW341_230313	13 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.01	-	-	-	0.01	-
	0089_PW341_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	0.02	-
	0089_PW341_230905	05 Sep 2023	Normal	<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	-
	0089_PW341_231211	11 Dec 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_PW341_240311	11 Mar 2024	Normal	<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	-
	0089_PW341_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_PW341_241218	18 Dec 2024	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW341_250314	14 Mar 2025	Normal	<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	-
				<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	-
	0089_PW341_250613	13 Jun 2025	Normal	<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	-
				<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	-
	0089_PW341_250909	09 Sep 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC106_200108	08 Jan 2020	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC115_200922	22 Sep 2020	Field_D	<0.05	<0.02	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	0.01	-	-	-	0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_QC121_241218	18 Dec 2024	Field_D	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC206_200108	08 Jan 2020	Interlab_D	<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	<0.01	-
	0089_QC215_200921	22 Sep 2020	Interlab_D	<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	-
	0089_QC221_241218	18 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-	<0.01
0089_PW345	0089_PW345_180413	13 Apr 2018	Normal	0.021	-	-	-	**0.034**	-	0.02	-	0.11	0.027	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	-	<0.01	<0.002	-
	0089_PW345_200109	09 Jan 2020	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW345_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW345_200924	24 Sep 2020	Normal	-	<0.02	-	<0.02	**0.02**	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW345_201215	15 Dec 2020	Normal	-	<0.02	-	-	**0.03**	-	<0.02	-	-	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_210316	16 Mar 2021	Normal	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_210609	09 Jun 2021	Normal	-	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_210901	01 Sep 2021	Normal	<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	<0.02	-
	0089_PW345_220110	10 Jan 2022	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_220314	14 Mar 2022	Normal	<0.02	<0.02	-	<0.02	**0.19**	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.03	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW345_221213	13 Dec 2022	Normal	<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	<0.02	-
	0089_PW345_230314	14 Mar 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW345_230607	07 Jun 2023	Normal	<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	<0.02	-
	0089_PW345_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_231213	13 Dec 2023	Normal	<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	<0.02	-
	0089_PW345_240313	13 Mar 2024	Normal	<0.02	<0.02	-	<0.02	0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_240529	29 May 2024	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW345_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.04**	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.04**	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW345_250313	13 Mar 2025	Normal	<0.02	<0.02	<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	<0.02	<0.05
	0089_PW345_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	<0.05
	0089_PW345_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC111_25313	13 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC111_220110	10 Jan 2022	Field_D	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_QC113_241217	17 Dec 2024	Field_D	<0.02	<0.02	<0.02	<0.02	**0.07**	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.07**	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC211_220110	10 Jan 2022	Interlab_D	<0.01	<0.01	-	<0.01	**0.02** [#1]	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC211_250313	13 Mar 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	**0.02** [#1]	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC213_241217	17 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	**0.03** [#1]	<0.01	<0.01	-	<0.01	<0.05	<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	**0.03** [#1]	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-
0089_PW346	0089_PW346_180417	17 Apr 2018	Normal	-	-	-	-	0.013	-	<0.001	-	0.006	0.005	<0.002	<0.005	<0.001	<0.001	<0.001	0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW346_200108	08 Jan 2020	Normal	0.03	-	-	0.03	**1.85**	-	0.04	-	-	<0.1	-	<0.02	<0.02	0.05	<0.02	0.02	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_200401	01 Apr 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_200715	15 Jul 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW346_200922	22 Sep 2020	Normal	0.06	<0.02	-	0.06	**4.97**	-	0.06	-	0.65	<0.1	<0.02	-	0.03	0.1	-	0.06	0.02	<0.05	-	<0.02	-
	0089_PW346_201215	15 Dec 2020	Normal	0.07	<0.02	-	0.03	-	-	0.07	-	0.45	<0.1	<0.02	<0.02	<0.02	0.1	<0.02	0.03	<0.02	-	<0.02	-	-
	0089_PW346_210317	17 Mar 2021	Normal	0.03	<0.02	-	<0.02	**0.05**	-	<0.02	-	0.07	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_210610	10 Jun 2021	Normal	-	<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	<0.02	-
	0089_PW346_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	**0.34**	-	<0.02	-	0.05	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_220112	12 Jan 2022	Normal	0.04	<0.02	-	<0.02	**1.84**	-	0.03	-	0.25	<0.1	<0.02	<0.02	<0.02	0.05	<0.02	0.02	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_220318	18 Mar 2022	Normal	0.04	<0.02	-	<0.02	**1.12**	-	0.06	-	0.64	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_220608	08 Jun 2022	Normal	<0.02	<0.02	-	-	**0.42**	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	0.02	<0.05	-	<0.02	-
	0089_PW346_221212	12 Dec 2022	Normal	0.04	<0.02	-	0.05	**5.54**	-	0.04	-	0.33	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.03	0.03	<0.05	<0.02	-	-
	0089_PW346_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	**0.22**	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_PW346_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	**0.55**	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_230905	05 Sep 2023	Normal	<0.02	<0.02	-	-	**0.24**	-	-	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW346_231213	13 Dec 2023	Normal	-	<0.02	-	<0.02	**3.57**	-	<0.02	-	-	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW346_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW346_240528	28 May 2024	Normal	-	<0.02	-	-	**0.19**	-	<0.02	-	0.03	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW346_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.49**	<0.02	<0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	0.17	<0.02	<0.01	0.16	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.49**	<0.02	<0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	0.17	<0.02	<0.01	0.16	<0.05	-	<0.02	-
	0089_PW346_250313	13 Mar 2025	Normal	0.03	<0.02	<0.02	<0.02	**1.11**	<0.02	0.02	-	0.20	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	0.04	0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW346_250613	17 Jun 2025	Normal	0.02	<0.02	<0.02	<0.02	**1.31**	<0.02	0.03	-	0.15	<0.1	<0.02	<0.02	<0.02	0.14	<0.02	0.02	0.10	<0.05	<0.02	<0.02	<0.05
				0.02	<0.02	-	<0.02	-	<0.02	0.03	<0.02	0.15	-	<0.02	<0.02	<0.02	0.14	<0.02	0.02	0.1	<0.05	<0.02	<0.02	<0.05
	0089_PW346_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	**0.54**	<0.02	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.54**	<0.02	-	<0.02	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_QC114_241217	17 Dec 2024	Field_D	<0.02	<0.02	<0.02	<0.02	**0.40**	<0.02	<0.02	-	0.20	<0.1	<0.02	<0.02	<0.02	0.18	<0.02	0.01	0.19	<0.05	<0.02	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_QC121_241218	18 Dec 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	-	0.02	-	0.02	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_QC206_200108	08 Jan 2020	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	0089_QC215_200921	22 Sep 2020	Interlab_D	<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	-
	0089_QC221_241218	18 Dec 2024	Interlab_D	<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
				<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
0089_PW345	0089_PW345_180413	13 Apr 2018	Normal	-	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	0089_PW345_200109	09 Jan 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW345_200331	31 Mar 2020	Normal	<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	-
	0089_PW345_200924	24 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	0.02	-	-	0.02	-
	0089_PW345_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.03	0.03	-	-	-	-
	0089_PW345_210316	16 Mar 2021	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW345_210609	09 Jun 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW345_210901	01 Sep 2021	Normal	-	<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	-
	0089_PW345_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	0.03	-	-	0.03	-
	0089_PW345_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.19	-	-	-	0.19	-
	0089_PW345_220607	07 Jun 2022	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.5	0.5	-	-	-	-
	0089_PW345_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW345_221213	13 Dec 2022	Normal	<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	-
	0089_PW345_230314	14 Mar 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW345_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	0.02	-
	0089_PW345_230905	05 Sep 2023	Normal	<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	-
	0089_PW345_231213	13 Dec 2023	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.03	0.03	-	-	0.03	-
	0089_PW345_240313	13 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW345_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW345_241217	17 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW345_250313	13 Mar 2025	Normal	<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	-
	0089_PW345_250613	13 Jun 2025	Normal	<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	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW345_250912	12 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC111_25313	13 Mar 2025	Field_D	<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	-
	0089_QC111_220110	10 Jan 2022	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.02	-	-	-	0.02	-
	0089_QC113_241217	17 Dec 2024	Field_D	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_QC211_220110	10 Jan 2022	Interlab_D	<0.05	-	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	-	0.02	0.02	0.02
	0089_QC211_250313	13 Mar 2025	Interlab_D	<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	0.02	0.02	0.02
	0089_QC213_241217	17 Dec 2024	Interlab_D	<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
				<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	-	0.03	0.03
0089_PW346	0089_PW346_180417	17 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW346_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.4	2.33	-	-	2.23	-
	0089_PW346_200401	01 Apr 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW346_200715	15 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	0.1	0.1	-	-	0.1	-
	0089_PW346_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	6.06	5.89	-	-	5.62	-
	0089_PW346_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	3.46	3.36	-	-	3.16	-
	0089_PW346_210317	17 Mar 2021	Normal	<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	-	-	0.12	-
	0089_PW346_210610	10 Jun 2021	Normal	<0.05	<0.02	-	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW346_210830	30 Aug 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.39	0.39	-	-	0.39	-
	0089_PW346_220112	12 Jan 2022	Normal	-	-	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	2.23	-	-	-	2.09	-
	0089_PW346_220318	18 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	1.88	-	-	1.76	-
	0089_PW346_220608	08 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.49	0.49	-	-	-	-
	0089_PW346_220906	06 Sep 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.17	0.17	-	-	0.15	-
	0089_PW346_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	6.13	6.04	-	-	5.87	-
	0089_PW346_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.23	0.23	-	-	0.23	-
	0089_PW346_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.59	0.59	-	-	-	-
	0089_PW346_230905	05 Sep 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.26	0.26	-	-	0.26	-
	0089_PW346_231213	13 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	3.63	3.63	-	-	3.63	-
	0089_PW346_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.15	0.15	-	-	0.15	-
	0089_PW346_240528	28 May 2024	Normal	<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	-
	0089_PW346_241217	17 Dec 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.00	-	1.00	-	0.67	-
				<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1	1	-	-	0.67	-
	0089_PW346_250313	13 Mar 2025	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.46	-	1.44	-	1.31	-
	0089_PW346_250613	17 Jun 2025	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.77	-	1.74	-	1.46	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.77	-	-	-	1.46	-
	0089_PW346_250912	12 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	-	-	0.59	-	-	0.59	-
	0089_QC114_241217	17 Dec 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.98	-	0.98	-	0.60	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
				<0.02	<0.02	-	<0.02	**0.4**	<0.02	<0.02	-	0.2	<0.1	<0.02	<0.02	<0.02	0.18	<0.02	0.01	0.19	<0.05	<0.02	<0.02	-
	0089_QC118_221212	12 Dec 2022	Field_D	0.06	<0.02	-	0.07	**6.88**	-	0.05	-	0.44	<0.1	<0.02	<0.02	0.02	0.1	<0.02	0.05	0.05	<0.05	<0.02	<0.02	-
	0089_QC118_230314	14 Mar 2023	Field_D	<0.02	<0.02	-	<0.02	**0.41**	-	<0.02	-	0.02	<0.1	<0.02	-	-	-	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_QC214_241217	17 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	**0.47** [#1]	<0.01	0.01 [#1]	-	0.19 [#1]	<0.05	<0.01	<0.01	<0.05	0.17	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	-
				<0.01	<0.01	-	<0.01	**0.47** [#1]	<0.01	0.01 [#1]	-	0.19 [#1]	<0.05	<0.01	-	<0.05	0.17	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	-
	0089_QC218_221212	12 Dec 2022	Interlab_D	-	<0.01	-	0.09 [#1]	**7.1** [#1]	0.02	0.04 [#1]	<0.01	-	<0.05	<0.01	-	0.03 [#1]	0.1 [#1]	0.01	-	0.04	<0.01	<0.01	<0.01	-
	0089_QC218_230314	14 Mar 2023	Interlab_D	<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	<0.02	<0.01	<0.01	<0.01	-
0089_PW350	0089_PW350_180419	19 Apr 2018	Normal	0.94	<0.002	-	0.27	**0.14**	-	0.64	-	-	0.16	<0.002	<0.005	0.13	1.4	<0.001	0.27	0.25	<0.05	<0.01	<0.002	-
	0089_PW350_200130	30 Jan 2020	Normal	<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	<0.02	-
	0089_PW350_200402	02 Apr 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW350_200721	21 Jul 2020	Normal	<0.02	-	-	<0.02	**0.09**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_200923	23 Sep 2020	Normal	-	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_201216	16 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_210608	08 Jun 2021	Normal	<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	<0.02	-
	0089_PW350_210830	30 Aug 2021	Normal	-	<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	-
	0089_PW350_220111	11 Jan 2022	Normal	<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	<0.02	-
	0089_PW350_220314	14 Mar 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_220907	07 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	0089_PW350_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	-	<0.02	<0.02	-
	0089_PW350_230607	07 Jun 2023	Normal	<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	<0.02	-
	0089_PW350_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW350_231214	14 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_240527	27 May 2024	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_241219	19 Dec 2024	Normal	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.02**	<0.02	<0.02	<0.02	-	-	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW350_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW350_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	**0.04**	<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	<0.02	<0.05
				-	<0.02	-	<0.02	**0.04**	<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	-	-
	0089_PW350_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<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	<0.02	<0.05
0089_PW351	0089_PW351_180419	19 Apr 2018	Normal	0.25	<0.002	-	0.001	0.006	-	-	-	0.21	0.027	<0.002	-	0.003	0.1	-	<0.001	0.04	<0.05	-	<0.002	-
	0089_PW351_200130	30 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_200721	21 Jul 2020	Normal	<0.02	-	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_201216	16 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	-	-
	0089_PW351_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_210608	08 Jun 2021	Normal	<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	<0.02	-
	0089_PW351_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_220111	11 Jan 2022	Normal	<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	<0.05	<0.02	<0.02	-
	0089_PW351_220314	14 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW351_220607	07 Jun 2022	Normal	<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	<0.02	-
	0089_PW351_220907	07 Sep 2022	Normal	<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	<0.02	-
	0089_PW351_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	-	-	<0.05	<0.02	<0.02	-
	0089_PW351_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_230607	07 Jun 2023	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_230905	05 Sep 2023	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_231214	14 Dec 2023	Normal	<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	-	-
	0089_PW351_240311	11 Mar 2024	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW351_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW351_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW351_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW351_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.05
0089_PW352	0089_PW352_180419	19 Apr 2018	Normal	-	<0.002	-	<0.001	<0.001	-	-	-	0.034	<0.002	<0.002	<0.005	<0.001	-	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW352_200130	30 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW352_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW352_200721	21 Jul 2020	Normal	-	<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	<0.02	-
	0089_PW352_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW352_201216	16 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW352_210317	17 Mar 2021	Normal	-	<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	-	-	<0.02	-
	0089_PW352_210608	08 Jun 2021	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.98	0.98	-	-	0.6	-
	0089_QC118_221212	12 Dec 2022	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	7.72	7.6	-	-	7.32	-
	0089_QC118_230314	14 Mar 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.43	0.43	-	-	0.43	-
	0089_QC214_241217	17 Dec 2024	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.99	-	0.98	0.47	0.66	0.66
				<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.99	0.98	-	0.47	0.66	0.66
	0089_QC218_221212	12 Dec 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	0.02	<0.01	7.98	7.82	-	7.16	7.52	7.58
	0089_QC218_230314	14 Mar 2023	Interlab_D	<0.05	-	-	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.3	0.3	-	0.28	0.3	0.3
0089_PW350	0089_PW350_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	0089_PW350_200130	30 Jan 2020	Normal	<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	-
	0089_PW350_200402	02 Apr 2020	Normal	<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	-
	0089_PW350_200721	21 Jul 2020	Normal	-	<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	-
	0089_PW350_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW350_201216	16 Dec 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW350_210317	17 Mar 2021	Normal	<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	-
	0089_PW350_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.01	-	-	-	0.01	-
	0089_PW350_210830	30 Aug 2021	Normal	<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	-
	0089_PW350_220111	11 Jan 2022	Normal	-	<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	-
	0089_PW350_220314	14 Mar 2022	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW350_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW350_220907	07 Sep 2022	Normal	<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	-
	0089_PW350_221212	12 Dec 2022	Normal	-	<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	-
	0089_PW350_230315	15 Mar 2023	Normal	-	<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	-
	0089_PW350_230607	07 Jun 2023	Normal	<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	-
	0089_PW350_230905	05 Sep 2023	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW350_231214	14 Dec 2023	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW350_240311	11 Mar 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW350_240527	27 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW350_241219	19 Dec 2024	Normal	<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	-
				-	<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	-
	0089_PW350_250312	12 Mar 2025	Normal	<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	-
	0089_PW350_250609	09 Jun 2025	Normal	<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	-
				<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW350_250911	11 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	-	-
0089_PW351	0089_PW351_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW351_200130	30 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_PW351_200402	02 Apr 2020	Normal	<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	-
	0089_PW351_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	-	-
	0089_PW351_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_201216	16 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_210317	17 Mar 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW351_210608	08 Jun 2021	Normal	<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	-	-	-	-
	0089_PW351_210830	30 Aug 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW351_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_220314	14 Mar 2022	Normal	<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	-
	0089_PW351_220607	07 Jun 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_220907	07 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_221212	12 Dec 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	-	-
	0089_PW351_230607	07 Jun 2023	Normal	<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	-
	0089_PW351_230905	05 Sep 2023	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_231214	14 Dec 2023	Normal	<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	-
	0089_PW351_240311	11 Mar 2024	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_241219	19 Dec 2024	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW351_250312	12 Mar 2025	Normal	<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	-
	0089_PW351_250609	09 Jun 2025	Normal	<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	-
				<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	-	-	-	-
	0089_PW351_250911	11 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_PW352	0089_PW352_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	0089_PW352_200130	30 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_200402	02 Apr 2020	Normal	<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	-
	0089_PW352_200721	21 Jul 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	-	0.03	0.03	-	-	0.03	-
	0089_PW352_200923	23 Sep 2020	Normal	<0.05	-	-	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_201216	16 Dec 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW352_210830	30 Aug 2021	Normal	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW352_220111	11 Jan 2022	Normal	-	<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	<0.02	-
	0089_PW352_220314	14 Mar 2022	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<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	-
	0089_PW352_220607	07 Jun 2022	Normal	<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	<0.02	-
	0089_PW352_220907	07 Sep 2022	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW352_221212	12 Dec 2022	Normal	<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	<0.02	-
	0089_PW352_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW352_230607	07 Jun 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW352_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW352_231214	14 Dec 2023	Normal	-	<0.02	-	<0.02	**0.03**	-	<0.02	-	0.01	<0.1	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW352_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW352_240527	27 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW352_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-
	0089_PW352_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
	0089_PW352_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_PW352_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<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	<0.02	<0.05
0089_PW356	0089_PW356_180412	12 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.002	-	<0.001	-	<0.001	-	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW356_200110	10 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW356_200330	30 Mar 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW356_200720	20 Jul 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW356_200923	23 Sep 2020	Normal	-	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW356_201214	14 Dec 2020	Normal	<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	<0.02	-
	0089_PW356_210316	16 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW356_210608	08 Jun 2021	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW356_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW356_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW356_220315	15 Mar 2022	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW356_220608	08 Jun 2022	Normal	<0.02	<0.02	-	<0.02	**0.08**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW356_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW356_221212	12 Dec 2022	Normal	<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	-
	0089_PW356_230315	15 Mar 2023	Normal	<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	<0.02	-
	0089_PW356_230607	07 Jun 2023	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW356_230911	11 Sep 2023	Normal	<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	<0.02	-
	0089_PW356_231219	19 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW356_240311	11 Mar 2024	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW356_240528	28 May 2024	Normal	<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	<0.02	-
	0089_PW356_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-
	0089_PW356_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
	0089_PW356_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-	<0.02	<0.02	<0.05
	0089_PW356_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
	0089_QC6PW_180412	12 Apr 2018	Field_D	<0.001	<0.002	-	<0.001	<0.001	-	-	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	-	<0.002	-	
	0089_QC7PW_180412	12 Apr 2018	Interlab_D	<0.001	<0.001	-	<0.001	0.003	-	<0.001	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	<0.001	-	
	0089_QC102_200110	10 Jan 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC114_240528	28 May 2024	Field_D	<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	-	-	-
	0089_QC116_230607	07 Jun 2023	Field_D	<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	<0.02	-
	0089_QC202_200109	09 Jan 2020	Interlab_D	-	-	-	<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	-
	0089_QC214_240528	28 May 2024	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC216_230607	07 Jun 2023	Interlab_D	<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	-
0089_PW357	0089_PW357_180412	12 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.002	-	<0.001	-	-	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	-	-
	0089_PW357_200110	10 Jan 2020	Normal	<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	-	<0.02	<0.02	-
	0089_PW357_200330	30 Mar 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW357_200720	20 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW357_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW357_201214	14 Dec 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	-	<0.02	-
	0089_PW357_210316	16 Mar 2021	Normal	-	<0.02	-	-	<0.01	-	<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	<0.02	-
	0089_PW357_210608	08 Jun 2021	Normal	<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	-	<0.05	<0.02	-	-
	0089_PW357_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-	-
	0089_PW357_220110	10 Jan 2022	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW357_220315	15 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW357_220608	08 Jun 2022	Normal	<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	<0.02	<0.02	-
	0089_PW357_220905	05 Sep 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-	
	0089_PW357_221212	12 Dec 2022	Normal	<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	<0.02	-	
	0089_PW357_230315	15 Mar 2023	Normal	<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	<0.02	-	

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW352_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW352_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_220314	14 Mar 2022	Normal	<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	-
	0089_PW352_220607	07 Jun 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_PW352_220907	07 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_221212	12 Dec 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_230315	15 Mar 2023	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW352_230607	07 Jun 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_230905	05 Sep 2023	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_231214	14 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW352_240311	11 Mar 2024	Normal	<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	-
	0089_PW352_240527	27 May 2024	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_241219	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW352_250312	12 Mar 2025	Normal	<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	-
	0089_PW352_250609	09 Jun 2025	Normal	<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	-
				<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	-
	0089_PW352_250911	11 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_PW356	0089_PW356_180412	12 Apr 2018	Normal	<0.01	-	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW356_200110	10 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_200330	30 Mar 2020	Normal	<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	-
	0089_PW356_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_PW356_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	-	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW356_201214	14 Dec 2020	Normal	<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	-
	0089_PW356_210316	16 Mar 2021	Normal	-	<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	-
	0089_PW356_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.12	-	<0.05	0.12	0.12	-	-	<0.01	-
	0089_PW356_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_220315	15 Mar 2022	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_220608	08 Jun 2022	Normal	<0.05	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	<0.05	-	0.1	0.1	-	-	0.1	-
	0089_PW356_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW356_230315	15 Mar 2023	Normal	-	<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	-
	0089_PW356_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_230911	11 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_231219	19 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW356_240311	11 Mar 2024	Normal	<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	-
	0089_PW356_240528	28 May 2024	Normal	<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	-	-	-	-
	0089_PW356_250114	14 Jan 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW356_250314	14 Mar 2025	Normal	<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	-
	0089_PW356_250611	11 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW356_250923	23 Sep 2025	Normal	<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	-
	0089_QC6PW_180412	12 Apr 2018	Field_D	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-
	0089_QC7PW_180412	12 Apr 2018	Interlab_D	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	-	-	<0.005	<0.001	<0.001	<0.005	<0.005	-	-	0.003	-
	0089_QC102_200110	10 Jan 2020	Field_D	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC114_240528	28 May 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_QC116_230607	07 Jun 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC202_200109	09 Jan 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	-	<0.01
	0089_QC214_240528	28 May 2024	Interlab_D	-	<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
	0089_QC216_230607	07 Jun 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
0089_PW357	0089_PW357_180412	12 Apr 2018	Normal	-	<0.002	<0.05	-	-	<0.005	<0.01	-	<0.001	<0.001	-	<0.001	-	-	-	-	-	-
	0089_PW357_200110	10 Jan 2020	Normal	<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	-
	0089_PW357_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW357_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW357_200923	23 Sep 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW357_201214	14 Dec 2020	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW357_210316	16 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	-	-
	0089_PW357_210608	08 Jun 2021	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW357_210830	30 Aug 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW357_220110	10 Jan 2022	Normal	<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	-
	0089_PW357_220315	15 Mar 2022	Normal	<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	-	-	-	-
	0089_PW357_220608	08 Jun 2022	Normal	<0.05	-	-	<0.05	-	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW357_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW357_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW357_230315	15 Mar 2023	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW357_230607	07 Jun 2023	Normal	<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	<0.02	-
	0089_PW357_230911	11 Sep 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW357_231219	19 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW357_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_PW357_240528	28 May 2024	Normal	<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	<0.02	-
	0089_PW357_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW357_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW357_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW357_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC103_200110	10 Jan 2020	Field_D	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	0089_QC118_220315	15 Mar 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC203_200109	09 Jan 2020	Interlab_D	-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC218_220315	15 Mar 2022	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW358	0080_PW358_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW358_180412	12 Apr 2018	Normal	-	-	-	-	0.001	-	<0.001	-	<0.001	<0.002	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW358_200110	10 Jan 2020	Normal	<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	<0.02	-
	0089_PW358_200330	30 Mar 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	-	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_200720	20 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW358_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_210316	16 Mar 2021	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_210608	08 Jun 2021	Normal	<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	<0.02	-
	0089_PW358_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW358_220110	10 Jan 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_PW358_220315	15 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW358_220608	08 Jun 2022	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW358_220905	05 Sep 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_221212	12 Dec 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW358_230315	15 Mar 2023	Normal	<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	-	<0.05	-	<0.02	-
	0089_PW358_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_230911	11 Sep 2023	Normal	<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	<0.02	-
	0089_PW358_231219	19 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW358_250114	14 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	-
	0089_PW358_250611	11 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_PW358_250923	23 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC107_210608	08 Jun 2021	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_QC113_210316	16 Mar 2021	Field_D	<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	-	-
	0089_QC207_210608	08 Jun 2021	Interlab_D	<0.01	<0.01	-	<0.01	**0.02** [#1]	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-
	0089_QC213_210316	16 Mar 2021	Interlab_D	<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	-
0089_PW362	0089_PW362_25613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW362_180413	13 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.009	-	<0.001	-	0.006	0.003	<0.002	<0.005	-	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW362_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW362_200331	31 Mar 2020	Normal	<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	-	-
	0089_PW362_200715	15 Jul 2020	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW362_200922	22 Sep 2020	Normal	-	<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	-
	0089_PW362_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW362_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.23**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW362_210608	08 Jun 2021	Normal	-	-	-	<0.02	0.01	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW362_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW362_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW362_220314	14 Mar 2022	Normal	<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	<0.02	-
	0089_PW362_220607	07 Jun 2022	Normal	-	-	-	<0.02	**0.04**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW362_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW362_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW362_230313	13 Mar 2023	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW362_230607	07 Jun 2023	Normal	<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	<0.02	-
	0089_PW362_230905	05 Sep 2023	Normal	<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	<0.02	-
	0089_PW362_231211	11 Dec 2023	Normal	<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	<0.02	-
	0089_PW362_240311	11 Mar 2024	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW362_240529	29 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW362_241218	18 Dec 2024	Normal	<0.02	<0.02	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW357_230607	07 Jun 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW357_230911	11 Sep 2023	Normal	<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	-
	0089_PW357_231219	19 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW357_240311	11 Mar 2024	Normal	<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	-
	0089_PW357_240528	28 May 2024	Normal	<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	-
	0089_PW357_250114	14 Jan 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW357_250314	14 Mar 2025	Normal	<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	-
	0089_PW357_250611	11 Jun 2025	Normal	<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	-
				<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	-
	0089_PW357_250923	23 Sep 2025	Normal	<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	-
	0089_QC103_200110	10 Jan 2020	Field_D	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC118_220315	15 Mar 2022	Field_D	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_QC203_200109	09 Jan 2020	Interlab_D	<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
	0089_QC218_220315	15 Mar 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	-	<0.01	<0.1	<0.05	-	<0.01	-	<0.01
0089_PW358	0080_PW358_250314	14 Mar 2025	Normal	<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	-
	0089_PW358_180412	12 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	-	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW358_200110	10 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_200330	30 Mar 2020	Normal	<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	-
	0089_PW358_200720	20 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_200923	23 Sep 2020	Normal	<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	-
	0089_PW358_201214	14 Dec 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_210316	16 Mar 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW358_210608	08 Jun 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	-	-	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW358_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_220110	10 Jan 2022	Normal	<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	-
	0089_PW358_220315	15 Mar 2022	Normal	<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	-
	0089_PW358_220608	08 Jun 2022	Normal	<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	-
	0089_PW358_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_221212	12 Dec 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_230315	15 Mar 2023	Normal	<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	-	-	-	-
	0089_PW358_230607	07 Jun 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.01	-	-	-	0.01	-
	0089_PW358_230911	11 Sep 2023	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_231219	19 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW358_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW358_250114	14 Jan 2025	Normal	<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	-
				<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	-
	0089_PW358_250611	11 Jun 2025	Normal	<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	-
				<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	-
	0089_PW358_250923	23 Sep 2025	Normal	<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	-
	0089_QC107_210608	08 Jun 2021	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_QC113_210316	16 Mar 2021	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC207_210608	08 Jun 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	-	0.02	0.02
	0089_QC213_210316	16 Mar 2021	Interlab_D	<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
0089_PW362	0089_PW362_25613	13 Jun 2025	Normal	<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	-
				<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	-
	0089_PW362_180413	13 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	-	-	-	-	-	-	-
	0089_PW362_200108	08 Jan 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW362_200331	31 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW362_200715	15 Jul 2020	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW362_200922	22 Sep 2020	Normal	<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	-
	0089_PW362_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW362_210315	15 Mar 2021	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.23	-	-	0.23	-
	0089_PW362_210608	08 Jun 2021	Normal	<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	-
	0089_PW362_210830	30 Aug 2021	Normal	-	<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	-
	0089_PW362_220110	10 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW362_220314	14 Mar 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	-	-	-	-	-
	0089_PW362_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW362_220905	05 Sep 2022	Normal	<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	-
	0089_PW362_221212	12 Dec 2022	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW362_230313	13 Mar 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW362_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW362_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW362_231211	11 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.01	0.01	-	-	0.01	-
	0089_PW362_240311	11 Mar 2024	Normal	<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	-
	0089_PW362_240529	29 May 2024	Normal	<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	-	-	-	-
	0089_PW362_241218	18 Dec 2024	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
				<0.02	-	-	<0.02	**0.02**	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_PW362_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
	0089_PW362_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.05
	0089_QC107_221212	12 Dec 2022	Field_D	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_QC108_220905	05 Sep 2022	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	-	<0.02	-
	0089_QC109_230313	13 Mar 2023	Field_D	<0.02	<0.02	-	<0.02	**0.03**	-	-	-	<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	-
	0089_QC110_220607	07 Jun 2022	Field_D	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC207_221212	12 Dec 2022	Interlab_D	<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	-
	0089_QC208_220905	05 Sep 2022	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	-
	0089_QC209_230313	13 Mar 2023	Interlab_D	<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	-
	0089_QC210_220607	07 Jun 2022	Interlab_D	-	<0.004	-	-	**0.028**	-	<0.002	-	-	-	<0.001	<0.001	<0.004	<0.001	<0.002	0.001	<0.002	<0.001	<0.001	<0.001	-
0089_PW363	0088_QC102_250909	09 Sep 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW363_180413	13 Apr 2018	Normal	<0.001	<0.002	-	<0.001	0.002	-	<0.001	-	0.004	<0.002	<0.002	<0.005	<0.001	-	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW363_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW363_200331	31 Mar 2020	Normal	<0.02	<0.02	-	-	0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW363_200715	15 Jul 2020	Normal	-	<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	-	-
	0089_PW363_200922	22 Sep 2020	Normal	<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	-
	0089_PW363_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_PW363_210315	15 Mar 2021	Normal	<0.02	<0.02	-	-	**0.04**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW363_210608	08 Jun 2021	Normal	<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	<0.02	-
	0089_PW363_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW363_220110	10 Jan 2022	Normal	<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	<0.02	-
	0089_PW363_220314	14 Mar 2022	Normal	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW363_220607	07 Jun 2022	Normal	<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	<0.02	-
	0089_PW363_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW363_221212	12 Dec 2022	Normal	<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	-	<0.02	<0.02	-
	0089_PW363_230313	13 Mar 2023	Normal	<0.02	<0.02	-	-	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW363_230607	07 Jun 2023	Normal	-	<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	<0.02	-
	0089_PW363_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_PW363_231211	11 Dec 2023	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW363_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_PW363_240529	29 May 2024	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW363_241218	18 Dec 2024	Normal	<0.02	<0.02	<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	<0.02	<0.05
				<0.02	-	-	<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	<0.02	-
	0089_PW363_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<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	<0.02	-
	0089_PW363_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW363_250909	09 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC202_250909	09 Sep 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW364	0089_PW364_180413	13 Apr 2018	Normal	-	<0.002	-	-	0.017	-	<0.001	-	0.006	<0.002	<0.002	<0.005	-	0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW364_200109	09 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW364_200330	30 Mar 2020	Normal	-	<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	<0.02	-
	0089_PW364_200715	15 Jul 2020	Normal	-	-	-	<0.02	-	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW364_200922	22 Sep 2020	Normal	<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	-	-	-
	0089_PW364_201214	14 Dec 2020	Normal	<0.02	<0.02	-	-	-	-	-	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW364_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW364_210608	08 Jun 2021	Normal	<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	-	<0.02	<0.02	-
	0089_PW364_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW364_220110	10 Jan 2022	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW364_220314	14 Mar 2022	Normal	<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	-	-
	0089_PW364_220607	07 Jun 2022	Normal	-	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW364_220905	05 Sep 2022	Normal	<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	-
	0089_PW364_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_PW364_230313	13 Mar 2023	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW364_230607	07 Jun 2023	Normal	<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	<0.02	-
	0089_PW364_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW364_231211	11 Dec 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW364_240311	11 Mar 2024	Normal	<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	-	<0.02	<0.02	-
	0089_PW364_240529	29 May 2024	Normal	<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	<0.02	-
	0089_PW364_240909	09 Sep 2025	Normal	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	-	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
				<0.002	<0.002	-	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
	0089_PW364_241218	18 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.01**	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<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	-
	0089_PW364_250314	14 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW362_250314	14 Mar 2025	Normal	<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	-
				<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW362_250909	09 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC107_221212	12 Dec 2022	Field_D	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_QC108_220905	05 Sep 2022	Field_D	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC109_230313	13 Mar 2023	Field_D	-	<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	-
	0089_QC110_220607	07 Jun 2022	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	-	0.03	-	-	-	-
	0089_QC207_221212	12 Dec 2022	Interlab_D	<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
	0089_QC208_220905	05 Sep 2022	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC209_230313	13 Mar 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	0.02	0.02	0.02
	0089_QC210_220607	07 Jun 2022	Interlab_D	<0.004	<0.004	-	<0.004	<0.004	<0.008	-	<0.002	<0.008	<0.008	<0.002	<0.004	0.033	0.033	-	-	-	-
0089_PW363	0088_QC102_250909	09 Sep 2025	Field_D	<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	-
	0089_PW363_180413	13 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW363_200108	08 Jan 2020	Normal	-	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	-	-	-	-	<0.01	-
	0089_PW363_200331	31 Mar 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW363_200715	15 Jul 2020	Normal	<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	-
	0089_PW363_200922	22 Sep 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.01	-	-	0.01	-
	0089_PW363_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	0.25	-	<0.05	-	0.25	-	-	<0.01	-
	0089_PW363_210315	15 Mar 2021	Normal	-	<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	-
	0089_PW363_210608	08 Jun 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW363_210830	30 Aug 2021	Normal	<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	-
	0089_PW363_220110	10 Jan 2022	Normal	<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	-
	0089_PW363_220314	14 Mar 2022	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	-	0.06	-
	0089_PW363_220607	07 Jun 2022	Normal	-	<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	-
	0089_PW363_220905	05 Sep 2022	Normal	<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	-
	0089_PW363_221212	12 Dec 2022	Normal	<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	-	-	-	-
	0089_PW363_230313	13 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW363_230607	07 Jun 2023	Normal	<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	-
	0089_PW363_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW363_231211	11 Dec 2023	Normal	<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	-	-	-	-
	0089_PW363_240311	11 Mar 2024	Normal	<0.05	-	-	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW363_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW363_241218	18 Dec 2024	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_PW363_250314	14 Mar 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW363_250613	13 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW363_250909	09 Sep 2025	Normal	<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	-
				<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	-	-	-	-
	0089_QC202_250909	09 Sep 2025	Interlab_D	<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
0089_PW364	0089_PW364_180413	13 Apr 2018	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW364_200109	09 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW364_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	-	-	<0.01	-	-	<0.01	-
	0089_PW364_200715	15 Jul 2020	Normal	<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	-
	0089_PW364_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW364_201214	14 Dec 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW364_210315	15 Mar 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	0.04	0.04	-	-	0.04	-
	0089_PW364_210608	08 Jun 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	0.07	<0.05	-	-	0.09	-	-	-	-
	0089_PW364_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW364_220110	10 Jan 2022	Normal	<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	-
	0089_PW364_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW364_220607	07 Jun 2022	Normal	<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	-
	0089_PW364_220905	05 Sep 2022	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	-	-
	0089_PW364_221212	12 Dec 2022	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.04	-	-	-	-
	0089_PW364_230313	13 Mar 2023	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW364_230607	07 Jun 2023	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	0.02	-
	0089_PW364_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW364_231211	11 Dec 2023	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW364_240311	11 Mar 2024	Normal	<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	-
	0089_PW364_240529	29 May 2024	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW364_240909	09 Sep 2025	Normal	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005	<0.002	-	<0.005	<0.005	<0.005	<0.005	<0.002	-	<0.002	-	<0.002	-
				<0.005	<0.002	<0.005	<0.005	<0.002	<0.005	<0.002	-	-	<0.005	<0.005	<0.005	<0.002	<0.002	-	-	<0.002	-
	0089_PW364_241218	18 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.01	-	-	-	-
	0089_PW364_250314	14 Mar 2025	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW364_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_QC101_220314	14 Mar 2022	Field_D	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC105_200330	30 Mar 2020	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC106_210830	30 Aug 2021	Field_D	<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	<0.02	-
	0089_QC106_230313	13 Mar 2023	Field_D	<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	-	<0.05	<0.02	<0.02	-
	0089_QC106_231211	11 Dec 2023	Field_D	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_QC118_230607	07 Jun 2023	Field_D	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC201_220314	14 Mar 2022	Interlab_D	<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	-
	0089_QC205_200330	30 Mar 2020	Interlab_D	<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	-
	0089_QC206_210830	30 Aug 2021	Interlab_D	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	-
	0089_QC206_230313	13 Mar 2023	Interlab_D	<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	-
	0089_QC206_231211	11 Dec 2023	Interlab_D	<0.01	<0.01	-	<0.01	0.01 [#1]	<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	-
	0089_QC218_230607	07 Jun 2023	Interlab_D	<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	-
0089_PW367	0089_PW367_180417	17 Apr 2018	Normal	0.016	<0.002	-	0.001	**0.042**	-	<0.001	-	0.003	0.01	<0.002	<0.005	<0.001	-	0.001	0.003	<0.002	<0.05	<0.01	<0.002	-
	0089_PW367_200108	08 Jan 2020	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	<0.02	-
	0089_PW367_200331	31 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_200715	15 Jul 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_PW367_200922	22 Sep 2020	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_201215	15 Dec 2020	Normal	-	<0.02	-	<0.02	**0.13**	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_210315	15 Mar 2021	Normal	<0.02	0.03	-	<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	<0.02	-
	0089_PW367_210609	09 Jun 2021	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_210901	01 Sep 2021	Normal	-	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW367_220314	14 Mar 2022	Normal	<0.02	-	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	**0.27**	-	<0.02	-	0.03	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW367_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW367_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_230314	14 Mar 2023	Normal	<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	<0.02	-
	0089_PW367_230607	07 Jun 2023	Normal	<0.02	<0.02	-	-	**0.04**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW367_230905	05 Sep 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW367_231213	13 Dec 2023	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_240313	13 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.08**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_240529	29 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW367_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.03**	<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	<0.02	<0.05
				<0.02	<0.02	-	-	**0.03**	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW367_250313	13 Mar 2025	Normal	0.06	<0.02	<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	<0.02	<0.05
	0089_PW367_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	<0.05
	0089_QC106_250912	12 Sep 2025	Field_D	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
	0089_QC110_220905	05 Sep 2022	Field_D	<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	<0.05	<0.02	<0.02	-
	0089_QC111_230607	07 Jun 2023	Field_D	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC113_220111	11 Jan 2022	Field_D	<0.02	<0.02	-	-	**0.07**	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC115_231213	13 Dec 2023	Field_D	-	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_QC206_250912	12 Sep 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	**0.02**	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC210_220905	05 Sep 2022	Interlab_D	-	<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	-
	0089_QC211_230607	07 Jun 2023	Interlab_D	-	<0.01	-	<0.01	**0.02** [#1]	<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	-
	0089_QC213_220111	11 Jan 2022	Interlab_D	<0.01	<0.01	-	<0.01	**0.08** [#1]	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC215_231213	13 Dec 2023	Interlab_D	<0.01	<0.01	-	-	**0.06** [#1]	<0.01	<0.01	<0.01	0.05 [#1]	<0.05	<0.01	<0.01	-	0.04 [#1]	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	-
	0089-PW367_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
0089_PW368	0089_PW368_180417	17 Apr 2018	Normal	0.003	<0.002	-	0.001	**0.04**	-	0.002	-	-	0.026	<0.002	<0.005	0.003	0.016	<0.001	0.009	0.006	<0.05	<0.01	<0.002	-
	0089_PW368_200108	08 Jan 2020	Normal	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_200401	01 Apr 2020	Normal	<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	<0.02	-
	0089_PW368_200720	20 Jul 2020	Normal	-	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW368_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW368_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW368_210315	15 Mar 2021	Normal	-	<0.02	-	<0.02	**0.04**	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_PW368_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.07**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_220318	18 Mar 2022	Normal	<0.02	<0.02	-	-	**0.05**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_220608	08 Jun 2022	Normal	-	<0.02	-	<0.02	**0.27**	-	<0.02	-	0.06	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_PW368_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW368_221212	12 Dec 2022	Normal	<0.02	-	-	<0.02	**0.26**	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW368_230313	13 Mar 2023	Normal	-	<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	-
	0089_PW368_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	**0.15**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_231213	13 Dec 2023	Normal	<0.02	<0.02	-	<0.02	**0.08**	-	<0.02	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
				<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	-	-	-	-
	0089_PW364_250613	13 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC101_220314	14 Mar 2022	Field_D	<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	-
	0089_QC105_200330	30 Mar 2020	Field_D	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC106_210830	30 Aug 2021	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC106_230313	13 Mar 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	-	0.02	-	-	-	0.02	-
	0089_QC106_231211	11 Dec 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	-	-	-	0.01	-
	0089_QC118_230607	07 Jun 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.02	0.02	-	-	-	-
	0089_QC201_220314	14 Mar 2022	Interlab_D	<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
	0089_QC205_200330	30 Mar 2020	Interlab_D	<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
	0089_QC206_210830	30 Aug 2021	Interlab_D	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC206_230313	13 Mar 2023	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	-	<0.05	<0.01	-	<0.1	<0.05	-	0.01	0.01	0.01
	0089_QC206_231211	11 Dec 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	-	<0.01	<0.01	<0.1	<0.05	-	0.01	0.01	0.01
	0089_QC218_230607	07 Jun 2023	Interlab_D	<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
0089_PW367	0089_PW367_180417	17 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	0089_PW367_200108	08 Jan 2020	Normal	<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	-
	0089_PW367_200331	31 Mar 2020	Normal	<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	-
	0089_PW367_200715	15 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	-	-
	0089_PW367_200922	22 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.04	0.04	-	-	-	-
	0089_PW367_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	0.13	0.13	-	-	0.13	-
	0089_PW367_210315	15 Mar 2021	Normal	-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.01	-	-	0.01	-
	0089_PW367_210609	09 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	0.02	-	-	0.02	-
	0089_PW367_210901	01 Sep 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW367_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW367_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.3	-	-	-	0.3	-
	0089_PW367_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	0.01	-
	0089_PW367_221213	13 Dec 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW367_230314	14 Mar 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW367_230607	07 Jun 2023	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.04	-	-	-	-	-
	0089_PW367_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW367_231213	13 Dec 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW367_240313	13 Mar 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.1	0.1	-	-	0.1	-
	0089_PW367_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW367_241217	17 Dec 2024	Normal	<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	-
				-	<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	-
	0089_PW367_250313	13 Mar 2025	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.10	-	0.08	-	0.02	-
	0089_PW367_250912	12 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	-	-
	0089_QC106_250912	12 Sep 2025	Field_D	<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	-
	0089_QC110_220905	05 Sep 2022	Field_D	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC111_230607	07 Jun 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_QC113_220111	11 Jan 2022	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_QC115_231213	13 Dec 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	0.02	-
	0089_QC206_250912	12 Sep 2025	Interlab_D	<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	0.02	0.02	0.02
	0089_QC210_220905	05 Sep 2022	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC211_230607	07 Jun 2023	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	0.11	<0.01	<0.01	0.13	0.13	-	0.02	0.02	0.02
	0089_QC213_220111	11 Jan 2022	Interlab_D	<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	-	-	0.08	0.08
	0089_QC215_231213	13 Dec 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.2	0.2	-	0.06	0.11	0.11
	0089-PW367_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.06	0.06	-	-	0.06	-
0089_PW368	0089_PW368_180417	17 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW368_200108	08 Jan 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	0.08	-	<0.05	0.1	0.1	-	-	0.02	-
	0089_PW368_200401	01 Apr 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW368_200720	20 Jul 2020	Normal	<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	-
	0089_PW368_200922	22 Sep 2020	Normal	<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	-
	0089_PW368_201215	15 Dec 2020	Normal	<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	-
	0089_PW368_210315	15 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW368_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	-	-	-	-	-
	0089_PW368_210901	01 Sep 2021	Normal	<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	-
	0089_PW368_220111	11 Jan 2022	Normal	<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	-
	0089_PW368_220318	18 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	-	-	-	0.05	-
	0089_PW368_220608	08 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.33	0.33	-	-	0.33	-
	0089_PW368_220905	05 Sep 2022	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW368_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.26	-	-	-	-	-
	0089_PW368_230313	13 Mar 2023	Normal	<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	-
	0089_PW368_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.15	0.15	-	-	0.15	-
	0089_PW368_230905	05 Sep 2023	Normal	<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	-	-	-	-
	0089_PW368_231213	13 Dec 2023	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW368_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.1**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW368_240529	29 May 2024	Normal	<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	<0.02	-
	0089_PW368_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.03**	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.03**	<0.02	-	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW368_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	**0.03**	<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	<0.02	<0.05
	0089_PW368_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	**0.03**	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	**0.03**	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW368_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_QC102_200401	01 Apr 2020	Field_D	<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	<0.02	-
	0089_QC102_210315	15 Mar 2021	Field_D	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC116_221212	12 Dec 2022	Field_D	<0.02	<0.02	-	<0.02	**0.22**	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC118_220905	05 Sep 2022	Field_D	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC202_200401	01 Apr 2020	Interlab_D	<0.01	<0.01	-	<0.01	0.01 [#1]	-	<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	-
	0089_QC202_210315	15 Mar 2021	Interlab_D	<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	-
	0089_QC216_221212	12 Dec 2022	Interlab_D	<0.01	<0.01	-	<0.01	**0.27** [#1]	<0.01	<0.01	-	0.01 [#1]	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC218_220905	05 Sep 2022	Interlab_D	<0.01	<0.01	-	<0.01	0.01 [#1]	<0.01	<0.01	<0.01	0.01 [#1]	<0.05	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	-
0089_PW369	0089_PW369_180417	17 Apr 2018	Normal	<0.001	<0.002	-	0.002	0.018	-	<0.001	-	-	0.01	<0.002	<0.005	<0.001	0.001	-	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW369_200109	09 Jan 2020	Normal	<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	<0.02	-
	0089_PW369_200331	31 Mar 2020	Normal	<0.02	<0.02	-	-	0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_200715	15 Jul 2020	Normal	<0.02	<0.02	-	<0.02	**0.04**	-	-	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_200924	24 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	-	-
	0089_PW369_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	**0.6**	-	-	-	0.09	<0.1	<0.02	<0.02	0.02	0.05	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_210316	16 Mar 2021	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_210609	09 Jun 2021	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW369_210901	01 Sep 2021	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_220110	10 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW369_220314	14 Mar 2022	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_PW369_220607	07 Jun 2022	Normal	<0.02	-	-	<0.02	**0.17**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_220905	05 Sep 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW369_221213	13 Dec 2022	Normal	<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	-
	0089_PW369_230314	14 Mar 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW369_230607	07 Jun 2023	Normal	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_PW369_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	-
	0089_PW369_231213	13 Dec 2023	Normal	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_240313	13 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_240529	29 May 2024	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW369_241217	17 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	**0.05**	<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	<0.02	<0.05
				<0.02	-	-	<0.02	**0.05**	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW369_250313	13 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	**0.05**	<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	<0.02	<0.05
	0089_PW369_250613	13 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<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	<0.02	<0.05
	0089_PW369_250912	12 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	0.01	<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	<0.05
	0089_QC118_210901	01 Sep 2021	Field_D	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC218_210901	01 Sep 2021	Interlab_D	<0.01	<0.01	-	<0.01	0.01 [#1]	<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	-
0089_PW374	0089_PW374_180418	18 Apr 2018	Normal	-	<0.002	-	<0.001	0.007	-	-	-	0.021	<0.002	<0.002	-	<0.001	<0.001	0.001	<0.001	<0.002	<0.05	<0.01	-	-
	0089_PW374_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW374_200330	30 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.44**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW374_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW374_200921	21 Sep 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW374_201214	14 Dec 2020	Normal	<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	-
	0089_PW374_210315	15 Mar 2021	Normal	<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	<0.02	-
	0089_PW374_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	**0.08**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW374_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_PW374_220113	13 Jan 2022	Normal	<0.02	<0.02	-	<0.02	**0.08**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW374_220316	16 Mar 2022	Normal	-	-	-	<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	<0.02	-
	0089_PW374_220609	09 Jun 2022	Normal	<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	<0.02	-
	0089_PW374_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW374_221213	13 Dec 2022	Normal	<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	-	-
	0089_PW374_230314	14 Mar 2023	Normal	<0.02	-	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW374_230606	06 Jun 2023	Normal	<0.02	-	-	<0.02	**0.07**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW374_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW374_231212	12 Dec 2023	Normal	<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	<0.02	-
	0089_PW374_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	0.15	<0.02	-	0.15	<0.05	<0.02	<0.02	-
	0089_PW374_240528	28 May 2024	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW374_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW368_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.1	0.1	-	-	0.1	-
	0089_PW368_240529	29 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW368_241217	17 Dec 2024	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	-	-	-	0.03	-
	0089_PW368_250313	13 Mar 2025	Normal	<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	-
	0089_PW368_250613	13 Jun 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW368_250912	12 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	0.02	-	-	0.02	-
	0089_QC102_200401	01 Apr 2020	Field_D	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC102_210315	15 Mar 2021	Field_D	<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	-
	0089_QC116_221212	12 Dec 2022	Field_D	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.22	0.22	-	-	0.22	-
	0089_QC118_220905	05 Sep 2022	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.03	-	-	-	0.03	-
	0089_QC202_200401	01 Apr 2020	Interlab_D	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	-	<0.01	<0.01	<0.1	<0.05	-	0.01	0.01	-
	0089_QC202_210315	15 Mar 2021	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	-	0.02	0.02	0.02
	0089_QC216_221212	12 Dec 2022	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.28	0.28	-	0.27	0.28	0.28
	0089_QC218_220905	05 Sep 2022	Interlab_D	<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
0089_PW369	0089_PW369_180417	17 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW369_200109	09 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	-	-
	0089_PW369_200331	31 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW369_200715	15 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW369_200924	24 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW369_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.89	0.89	-	-	-	-
	0089_PW369_210316	16 Mar 2021	Normal	<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	-
	0089_PW369_210609	09 Jun 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW369_210901	01 Sep 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW369_220110	10 Jan 2022	Normal	-	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	-	0.06	-
	0089_PW369_220314	14 Mar 2022	Normal	<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	-	-	-	-
	0089_PW369_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.2	0.2	-	-	0.2	-
	0089_PW369_220905	05 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	-	-	-	-	-	0.11	-
	0089_PW369_221213	13 Dec 2022	Normal	<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	-
	0089_PW369_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_PW369_230607	07 Jun 2023	Normal	<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	-	-	-	-
	0089_PW369_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW369_231213	13 Dec 2023	Normal	<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	-
	0089_PW369_240313	13 Mar 2024	Normal	<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	-
	0089_PW369_240529	29 May 2024	Normal	<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	-	-	-	-
	0089_PW369_241217	17 Dec 2024	Normal	<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	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	0.05	-	-	-	-
	0089_PW369_250313	13 Mar 2025	Normal	<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	-
	0089_PW369_250613	13 Jun 2025	Normal	<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	-
				-	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW369_250912	12 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_QC118_210901	01 Sep 2021	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC218_210901	01 Sep 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	-	-	-
0089_PW374	0089_PW374_180418	18 Apr 2018	Normal	<0.01	<0.002	<0.05	-	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW374_200108	08 Jan 2020	Normal	<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	-	-	-	-
	0089_PW374_200330	30 Mar 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.44	0.44	-	-	-	-
	0089_PW374_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW374_200921	21 Sep 2020	Normal	<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	-
	0089_PW374_201214	14 Dec 2020	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW374_210315	15 Mar 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.04	-	-	-	0.04	-
	0089_PW374_210610	10 Jun 2021	Normal	<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	-
	0089_PW374_210901	01 Sep 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW374_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	-	0.08	-
	0089_PW374_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW374_220609	09 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW374_220906	06 Sep 2022	Normal	<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	-
	0089_PW374_221213	13 Dec 2022	Normal	<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	-	-	-	-
	0089_PW374_230314	14 Mar 2023	Normal	<0.05	<0.02	-	-	<0.02	-	<0.02	-	-	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW374_230606	06 Jun 2023	Normal	<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	-
	0089_PW374_230904	04 Sep 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW374_231212	12 Dec 2023	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW374_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.43	-	-	-	0.02	-
	0089_PW374_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.82	0.82	-	-	-	-
	0089_PW374_241217	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW374_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW374_250612	12 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	<0.05
	0089_PW374_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	<0.05
	0089_QC103_200921	21 Sep 2020	Field_D	<0.02	<0.02	-	<0.02	**0.02**	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_QC106_210315	15 Mar 2021	Field_D	<0.02	<0.02	-	-	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC108_200108	08 Jan 2020	Field_D	<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	-
	0089_QC108_230606	06 Jun 2023	Field_D	<0.02	<0.02	-	<0.02	**0.12**	-	<0.02	-	<0.01	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC203_200921	21 Sep 2020	Interlab_D	<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	-
	0089_QC206_210315	15 Mar 2021	Interlab_D	-	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	-	<0.05	-	<0.01	0.01	<0.01	<0.01	0.01 [#1]	<0.01	<0.01	<0.01	<0.01	-
	0089_QC208_200108	08 Jan 2020	Interlab_D	<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	-
	0089_QC208_230606	06 Jun 2023	Interlab_D	<0.01	<0.01	-	<0.01	**0.05** [#1]	<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	-	-
0089_PW375	0089_PW375_180418	18 Apr 2018	Normal	-	<0.002	-	<0.001	0.003	-	0.007	-	-	0.006	<0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.05	<0.01	<0.002	-
	0089_PW375_200108	08 Jan 2020	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW375_200330	30 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.09**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	-	<0.05	<0.02	<0.02	-
	0089_PW375_200721	21 Jul 2020	Normal	<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	<0.02	-
	0089_PW375_200921	21 Sep 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW375_201214	14 Dec 2020	Normal	<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	-	<0.02	<0.02	-
	0089_PW375_210315	15 Mar 2021	Normal	-	-	-	<0.02	**0.03**	-	<0.02	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW375_210610	10 Jun 2021	Normal	<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	<0.02	-
	0089_PW375_210901	01 Sep 2021	Normal	<0.02	-	-	<0.02	**0.05**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW375_220113	13 Jan 2022	Normal	<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	<0.02	-
	0089_PW375_220316	16 Mar 2022	Normal	<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	<0.02	-
	0089_PW375_220609	09 Jun 2022	Normal	<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	-	<0.02	<0.02	-
	0089_PW375_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW375_221213	13 Dec 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	-	<0.01	-	<0.05	<0.02	-	-
	0089_PW375_230314	14 Mar 2023	Normal	-	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW375_230606	06 Jun 2023	Normal	-	<0.02	-	<0.02	**0.65**	-	<0.02	-	<0.01	<0.1	-	<0.02	-	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW375_230904	04 Sep 2023	Normal	-	<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	<0.02	-
	0089_PW375_231212	12 Dec 2023	Normal	<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	<0.02	-
	0089_PW375_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	0.08	<0.02	<0.01	0.14	-	<0.02	<0.02	-
	0089_PW375_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	**0.68**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_PW375_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW375_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW375_250612	12 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW375_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	<0.05
	0089_QC109_201214	14 Dec 2020	Field_D	<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	-	<0.02	<0.02	-
	0089_QC118_210610	10 Jun 2021	Field_D	<0.02	<0.02	-	<0.02	**0.06**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_QC209_201114	14 Dec 2020	Interlab_D	<0.01	<0.01	-	<0.01	**0.02** [#1]	<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	-
	0089_QC218_210610	10 Jun 2021	Interlab_D	-	<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	-
0089_PW378	0089_PW378_180417	17 Apr 2018	Normal	0.016	<0.002	-	<0.001	0.007	-	0.013	-	0.02	0.024	<0.002	<0.005	0.005	0.081	<0.001	0.005	0.01	<0.05	<0.01	-	-
	0089_PW378_200108	08 Jan 2020	Normal	-	<0.02	-	-	**0.12**	-	<0.02	-	-	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_200330	30 Mar 2020	Normal	<0.02	<0.02	-	<0.02	**0.1**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_200921	21 Sep 2020	Normal	<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	<0.02	-
	0089_PW378_201214	14 Dec 2020	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_PW378_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_210901	01 Sep 2021	Normal	<0.02	-	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	-
	0089_PW378_220113	13 Jan 2022	Normal	<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	<0.02	-
	0089_PW378_220316	16 Mar 2022	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	<0.02	-
	0089_PW378_220609	09 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_220906	06 Sep 2022	Normal	<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	<0.02	-
	0089_PW378_221213	13 Dec 2022	Normal	<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	<0.02	-
	0089_PW378_230314	14 Mar 2023	Normal	<0.02	-	-	-	**0.06**	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW378_230606	06 Jun 2023	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW378_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_231212	12 Dec 2023	Normal	<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	-	<0.02	-	-
	0089_PW378_240311	11 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	-	<0.01	0.17	<0.05	<0.02	<0.02	-
	0089_PW378_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	**0.1**	-	<0.02	-	-	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW378_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW378_250310	10 Mar 2025	Normal	0.02	<0.02	<0.02	<0.02	**0.02**	<0.02	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW378_250612	12 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW374_250310	10 Mar 2025	Normal	<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	-
	0089_PW374_250612	12 Jun 2025	Normal	<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	-
				<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	-
	0089_PW374_250916	16 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC103_200921	21 Sep 2020	Field_D	<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	-	-	-	-
	0089_QC106_210315	15 Mar 2021	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_QC108_200108	08 Jan 2020	Field_D	<0.05	-	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC108_230606	06 Jun 2023	Field_D	<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	-
	0089_QC203_200921	21 Sep 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	<0.01	-	-
	0089_QC206_210315	15 Mar 2021	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.01	<0.05	<0.01	<0.01	0.13	0.13	-	0.05	0.11	0.12
	0089_QC208_200108	08 Jan 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
	0089_QC208_230606	06 Jun 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.01	-	<0.01	<0.01	-	0.05	-	0.05	0.05	0.05
0089_PW375	0089_PW375_180418	18 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW375_200108	08 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	-	0.03	-
	0089_PW375_200330	30 Mar 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.09	0.09	-	-	0.09	-
	0089_PW375_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.02	-	-	0.02	-
	0089_PW375_200921	21 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	0.01	0.01	-	-	-	-
	0089_PW375_201214	14 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	-	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW375_210315	15 Mar 2021	Normal	<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	-
	0089_PW375_210610	10 Jun 2021	Normal	<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	-
	0089_PW375_210901	01 Sep 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	-	0.05	-
	0089_PW375_220113	13 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW375_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	-	-	-	-	-
	0089_PW375_220609	09 Jun 2022	Normal	<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	-
	0089_PW375_220906	06 Sep 2022	Normal	<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	-
	0089_PW375_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW375_230314	14 Mar 2023	Normal	-	<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	-
	0089_PW375_230606	06 Jun 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	-	-	<0.05	<0.05	0.65	0.65	-	-	0.65	-
	0089_PW375_230904	04 Sep 2023	Normal	<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	-
	0089_PW375_231212	12 Dec 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW375_240311	11 Mar 2024	Normal	<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	-	-	0.01	-
	0089_PW375_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.72	0.68	-	-	0.68	-
	0089_PW375_241217	19 Dec 2024	Normal	<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	-
				<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	-	-	-	-
	0089_PW375_250310	10 Mar 2025	Normal	<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	-
	0089_PW375_250612	12 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW375_250916	16 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.01	0.01	-	-	0.01	-
	0089_QC109_201214	14 Dec 2020	Field_D	<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	-
	0089_QC118_210610	10 Jun 2021	Field_D	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	-	0.06	-
	0089_QC209_201114	14 Dec 2020	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	<0.05	-	0.02	0.02	0.02
	0089_QC218_210610	10 Jun 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.01	<0.01	-	-	-	<0.01	<0.01	-
0089_PW378	0089_PW378_180417	17 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-
	0089_PW378_200108	08 Jan 2020	Normal	<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	-	-	-	-
	0089_PW378_200330	30 Mar 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.1	0.1	-	-	0.1	-
	0089_PW378_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_PW378_200921	21 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW378_201214	14 Dec 2020	Normal	<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	-
	0089_PW378_210315	15 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW378_210610	10 Jun 2021	Normal	<0.05	<0.02	-	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	-	0.05	-
	0089_PW378_210901	01 Sep 2021	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.01	-	-	-	-	-
	0089_PW378_220113	13 Jan 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW378_220316	16 Mar 2022	Normal	<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW378_220609	09 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW378_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW378_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW378_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	0.06	0.06	-	-	0.06	-
	0089_PW378_230606	06 Jun 2023	Normal	-	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW378_230904	04 Sep 2023	Normal	<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	-	-	-	-
	0089_PW378_231212	12 Dec 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW378_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.25	0.25	-	-	<0.01	-
	0089_PW378_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	0.1	0.1	-	-	0.1	-
	0089_PW378_241217	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	0089_PW378_250310	10 Mar 2025	Normal	<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	-	0.04	-
	0089_PW378_250612	12 Jun 2025	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
				-	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	<0.05
	0089_PW378_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_QC102_230904	04 Sep 2023	Field_D	<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	<0.02	-
	0089_QC110_231212	12 Dec 2023	Field_D	<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	-	<0.02	<0.02	-
	0089_QC110_241217	19 Dec 2024	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	-
	0089_QC111_250612	12 Jun 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
	0089_QC202_230904	04 Sep 2023	Interlab_D	<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	-
	0089_QC210_231213	12 Dec 2023	Interlab_D	<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	-
	0089_QC210_241217	17 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	-
	0089_QC211_250612	12 Jun 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW380	0089_PW380_180419	19 Apr 2018	Normal	0.83	<0.002	-	0.004	0.008	-	0.54	-	0.86	0.11	-	<0.005	0.016	0.68	<0.001	0.001	0.16	<0.05	<0.01	<0.002	-
	0089_PW380_200130	30 Jan 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<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	-
	0089_PW380_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW380_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	-	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW380_200923	23 Sep 2020	Normal	<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	-	-
	0089_PW380_201216	16 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW380_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW380_210608	08 Jun 2021	Normal	<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	<0.02	-
	0089_PW380_210830	30 Aug 2021	Normal	<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	<0.02	-
	0089_PW380_220111	11 Jan 2022	Normal	<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	<0.02	-
	0089_PW380_220314	14 Mar 2022	Normal	-	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_PW380_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW380_220907	07 Sep 2022	Normal	<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	<0.02	-
	0089_PW380_221212	12 Dec 2022	Normal	-	<0.02	-	<0.02	**0.06**	-	<0.02	-	0.03	-	-	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW380_230315	15 Mar 2023	Normal	<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	<0.05	<0.02	<0.02	-
	0089_PW380_230607	07 Jun 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW380_230905	05 Sep 2023	Normal	<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	-	-	<0.02	-
	0089_PW380_231214	14 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW380_240311	11 Mar 2024	Normal	-	-	-	<0.02	-	-	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW380_240527	27 May 2024	Normal	<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	<0.02	-
	0089_PW380_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	-	-	-	0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW380_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW380_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	0.01	<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	<0.02	<0.05
	0089_PW380_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	-	<0.02	<0.02	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	-	<0.05
0089_PW381	0089_PW381_180419	19 Apr 2018	Normal	0.48	<0.002	-	0.01	0.006	-	0.28	-	1.4	0.11	<0.002	<0.005	0.012	0.57	<0.001	0.004	0.21	-	<0.01	<0.002	-
	0089_PW381_200130	30 Jan 2020	Normal	<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	<0.02	-
	0089_PW381_200402	02 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW381_200923	23 Sep 2020	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_201216	16 Dec 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW381_210317	17 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW381_210608	08 Jun 2021	Normal	<0.02	-	-	<0.02	0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_210830	30 Aug 2021	Normal	<0.02	-	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_220111	11 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_220314	14 Mar 2022	Normal	<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	-
	0089_PW381_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	-	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW381_220907	07 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_221212	12 Dec 2022	Normal	-	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW381_230315	15 Mar 2023	Normal	-	-	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW381_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_PW381_230905	05 Sep 2023	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_231214	14 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_240311	11 Mar 2024	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_240527	27 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW381_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	-	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	-	<0.02	<0.05	-	-	-
	0089_PW381_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW381_250609	09 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW381_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_QC108_250312	12 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
				<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	-
	0089_PW378_250916	16 Sep 2025	Normal	<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	-
				<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	-	-	-	-
	0089_QC102_230904	04 Sep 2023	Field_D	<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	-
	0089_QC110_231212	12 Dec 2023	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC110_241217	19 Dec 2024	Field_D	<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	-
				-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC111_250612	12 Jun 2025	Field_D	<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	-
	0089_QC202_230904	04 Sep 2023	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	-	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC210_231213	12 Dec 2023	Interlab_D	<0.05	<0.05	-	-	-	<0.05	<0.05	-	<0.01	-	-	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC210_241217	17 Dec 2024	Interlab_D	<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
				<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
	0089_QC211_250612	12 Jun 2025	Interlab_D	<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
0089_PW380	0089_PW380_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	<0.01	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW380_200130	30 Jan 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW380_200402	02 Apr 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	-	0.05	-	-	0.05	-
	0089_PW380_200721	21 Jul 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	-	-	-	0.05	-
	0089_PW380_200923	23 Sep 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.04	0.04	-	-	0.04	-
	0089_PW380_201216	16 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW380_210317	17 Mar 2021	Normal	<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	-
	0089_PW380_210608	08 Jun 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW380_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	<0.05	<0.05	0.14	0.14	-	-	0.14	-
	0089_PW380_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW380_220314	14 Mar 2022	Normal	<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	-	-	-	-
	0089_PW380_220607	07 Jun 2022	Normal	<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	-	-	-	-
	0089_PW380_220907	07 Sep 2022	Normal	<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	-
	0089_PW380_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	-	0.09	-
	0089_PW380_230315	15 Mar 2023	Normal	<0.05	-	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW380_230607	07 Jun 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW380_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_PW380_231214	14 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW380_240311	11 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW380_240527	27 May 2024	Normal	<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	-
	0089_PW380_241219	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW380_250312	12 Mar 2025	Normal	<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	-
	0089_PW380_250609	09 Jun 2025	Normal	<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	-
				<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	-
	0089_PW380_250911	11 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
0089_PW381	0089_PW381_180419	19 Apr 2018	Normal	<0.01	<0.002	<0.05	<0.005	<0.002	<0.005	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW381_200130	30 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_200402	02 Apr 2020	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW381_200721	21 Jul 2020	Normal	<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	-
	0089_PW381_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW381_201216	16 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_210317	17 Mar 2021	Normal	<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	-
	0089_PW381_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	0.01	0.01	-	-	0.01	-
	0089_PW381_210830	30 Aug 2021	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW381_220111	11 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW381_220907	07 Sep 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_221212	12 Dec 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	-	0.02	-
	0089_PW381_230315	15 Mar 2023	Normal	<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	-
	0089_PW381_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_230905	05 Sep 2023	Normal	-	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW381_231214	14 Dec 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW381_240311	11 Mar 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_240527	27 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_241219	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW381_250312	12 Mar 2025	Normal	<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	-
	0089_PW381_250609	09 Jun 2025	Normal	<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	-
				<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	-
	0089_PW381_250911	11 Sep 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_QC108_250312	12 Mar 2025	Field_D	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_QC208_250312	12 Mar 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW401	0089_PW379_180419	19 Apr 2018	Normal	-	<0.002	-	0.079	**0.04**	-	0.61	-	-	0.17	<0.002	<0.005	-	1.6	<0.001	0.032	0.24	<0.05	-	<0.002	-
	0089_PW401_200130	30 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW401_200402	02 Apr 2020	Normal	-	<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	<0.02	-
	0089_PW401_200721	21 Jul 2020	Normal	<0.02	-	-	<0.02	**0.05**	-	<0.02	-	0.02	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.02	-
	0089_PW401_200923	23 Sep 2020	Normal	<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	<0.02	-
	0089_PW401_201216	16 Dec 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW401_210317	17 Mar 2021	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW401_210608	08 Jun 2021	Normal	<0.02	<0.02	-	<0.02	**0.03**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW401_210830	30 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW401_220111	11 Jan 2022	Normal	<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	-	<0.02	<0.02	-
	0089_PW401_220314	14 Mar 2022	Normal	<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	<0.02	-
	0089_PW401_220607	07 Jun 2022	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW401_220907	07 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW401_221212	12 Dec 2022	Normal	<0.02	<0.02	-	<0.02	**0.05**	-	-	-	0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW401_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW401_230607	07 Jun 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW401_230905	05 Sep 2023	Normal	<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	<0.02	-
	0089_PW401_231214	14 Dec 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW401_240311	11 Mar 2024	Normal	<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	<0.02	-
	0089_PW401_240527	27 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW401_241219	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	0.01	<0.02	-	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW401_250312	12 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW401_250609	09 Jun 2025	Normal	<0.02	<0.02	<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	<0.02	<0.05
				-	<0.02	-	<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	<0.05	<0.02	<0.02	<0.05
	0089_PW401_250911	11 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				-	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	-	<0.02	<0.01	<0.02	-	-	<0.02	<0.05
0089_PW405	0089_PW405_200114	14 Jan 2020	Normal	<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	<0.02	-
	0089_PW405_200401	01 Apr 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW405_200722	22 Jul 2020	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW405_200921	21 Sep 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW405_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW405_210315	15 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_PW405_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	-	-	-	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	0.05	<0.05	<0.02	<0.02	-
	0089_PW405_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	0.02	-	<0.01	0.02	<0.05	<0.02	<0.02	-
	0089_PW405_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW405_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	0.05	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW405_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	-	-
	0089_PW405_220907	07 Sep 2022	Normal	<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	<0.05	<0.02	<0.02	-
	0089_PW405_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW405_230314	14 Mar 2023	Normal	-	<0.02	-	-	<0.01	-	0.08	-	0.01	<0.1	<0.02	<0.02	<0.02	0.5	<0.02	<0.01	0.16	<0.05	-	<0.02	-
	0089_PW405_230608	08 Jun 2023	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	0.04	<0.05	<0.02	-	-
	0089_PW405_230905	05 Sep 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW405_231211	11 Dec 2023	Normal	<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	<0.02	-
	0089_PW405_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW405_240528	28 May 2024	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW405_241217	19 Dec 2024	Normal	0.02	<0.02	<0.02	<0.02	<0.01	<0.02	0.02	-	0.06	0.1	<0.02	<0.02	0.10	0.59	<0.02	0.01	0.36	<0.05	<0.02	<0.02	<0.05
				0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	0.06	0.1	-	<0.02	0.1	0.59	<0.02	0.01	-	<0.05	<0.02	<0.02	-
	0089_PW405_250310	10 Mar 2025	Normal	0.08	<0.02	<0.02	<0.02	<0.01	<0.02	0.06	-	0.16	0.4	<0.02	<0.02	0.34	2.04	<0.02	0.08	1.53	<0.05	<0.02	<0.02	<0.05
	0089_PW405_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW405_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	<0.05
	0089_QC103_231211	11 Dec 2023	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC110_200921	21 Sep 2020	Field_D	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC114_240312	12 Mar 2024	Field_D	<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	<0.02	-
	0089_QC115_210610	10 Jun 2021	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	0.05	-	<0.02	-	-
	0089_QC117_210831	31 Aug 2021	Field_D	<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	<0.02	-
	0089_QC118_250616	16 Jun 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC203_231211	11 Dec 2023	Interlab_D	<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	-
	0089_QC210_200921	21 Sep 2020	Interlab_D	<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	-
	0089_QC214_240312	12 Mar 2024	Interlab_D	<0.01	<0.01	-	<0.01	0.01	<0.01	<0.01	<0.01	0.02	<0.05	<0.01	<0.01	<0.05	0.08	<0.01	-	0.04	<0.01	<0.01	<0.01	-
	0089_QC215_210610	10 Jun 2021	Interlab_D	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	-
	0089_QC217_210831	31 Aug 2021	Interlab_D	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-	<0.01	-	0.03	<0.01	<0.01	-	<0.01	-	<0.01	-
	0089_QC218_250616	16 Jun 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW407	0089_PW407_200114	14 Jan 2020	Normal	<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	-
	0089_PW407_200401	01 Apr 2020	Normal	<0.02	<0.02	-	<0.02	**0.02**	-	<0.02	-	<0.02	0.1	<0.02	<0.02	<0.02	0.51	<0.02	<0.01	0.83	<0.05	<0.02	-	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_QC208_250312	12 Mar 2025	Interlab_D	<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
0089_PW401	0089_PW379_180419	19 Apr 2018	Normal	<0.01	<0.002	-	<0.005	<0.002	<0.005	<0.01	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-
	0089_PW401_200130	30 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW401_200402	02 Apr 2020	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW401_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	0.07	0.07	-	-	0.07	-
	0089_PW401_200923	23 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	0.02	-	-	-	0.02	-
	0089_PW401_201216	16 Dec 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW401_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW401_210608	08 Jun 2021	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	-	-	0.03	0.03	-	-	0.03	-
	0089_PW401_210830	30 Aug 2021	Normal	<0.05	<0.02	<0.05	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_PW401_220111	11 Jan 2022	Normal	<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	-
	0089_PW401_220314	14 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW401_220607	07 Jun 2022	Normal	<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	-
	0089_PW401_220907	07 Sep 2022	Normal	<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	-
	0089_PW401_221212	12 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	0.07	0.07	-	-	0.07	-
	0089_PW401_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW401_230607	07 Jun 2023	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	0.01	-	-	0.01	-
	0089_PW401_230905	05 Sep 2023	Normal	<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	-
	0089_PW401_231214	14 Dec 2023	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW401_240311	11 Mar 2024	Normal	<0.05	-	-	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW401_240527	27 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW401_241219	19 Dec 2024	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	-	-	-	0.01	-
	0089_PW401_250312	12 Mar 2025	Normal	<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	-
	0089_PW401_250609	09 Jun 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.05	-	0.02	0.02	-	-	0.02	-
	0089_PW401_250911	11 Sep 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
0089_PW405	0089_PW405_200114	14 Jan 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW405_200401	01 Apr 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW405_200722	22 Jul 2020	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW405_200921	21 Sep 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW405_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW405_210315	15 Mar 2021	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW405_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	0.14	-	-	-	<0.01	-
	0089_PW405_210831	31 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	0.04	-	-	<0.01	-
	0089_PW405_220114	14 Jan 2022	Normal	<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	-
	0089_PW405_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	-	<0.05	0.08	-	-	-	<0.01	-
	0089_PW405_220607	07 Jun 2022	Normal	<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	-
	0089_PW405_220907	07 Sep 2022	Normal	<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	-
	0089_PW405_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	-	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW405_230314	14 Mar 2023	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	-	<0.05	<0.05	0.75	0.67	-	-	-	-
	0089_PW405_230608	08 Jun 2023	Normal	<0.05	-	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	-	-	-	<0.01	-
	0089_PW405_230905	05 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW405_231211	11 Dec 2023	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW405_240312	12 Mar 2024	Normal	<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	-
	0089_PW405_240528	28 May 2024	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_PW405_241217	19 Dec 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.26	-	1.24	-	0.06	-
				<0.05	<0.02	<0.05	-	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	1.26	1.24	-	-	0.06	-
	0089_PW405_250310	10 Mar 2025	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.34	<0.05	<0.05	5.03	-	4.97	-	0.16	-
	0089_PW405_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	-	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW405_250916	16 Sep 2025	Normal	<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	-
				<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	-
	0089_QC103_231211	11 Dec 2023	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_QC110_200921	21 Sep 2020	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC114_240312	12 Mar 2024	Field_D	-	<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	-
	0089_QC115_210610	10 Jun 2021	Field_D	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.12	0.12	-	-	<0.01	-
	0089_QC117_210831	31 Aug 2021	Field_D	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.02	0.02	-	-	<0.01	-
	0089_QC118_250616	16 Jun 2025	Field_D	<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	-
	0089_QC203_231211	11 Dec 2023	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	-	-	<0.01	<0.01	<0.01
	0089_QC210_200921	21 Sep 2020	Interlab_D	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.01	-	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01
	0089_QC214_240312	12 Mar 2024	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.15	0.15	-	-	0.03	-
	0089_QC215_210610	10 Jun 2021	Interlab_D	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.11	0.11	-	-	<0.01	<0.01
	0089_QC217_210831	31 Aug 2021	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	-	<0.1	0.05	-	<0.01	<0.01	<0.01
	0089_QC218_250616	16 Jun 2025	Interlab_D	<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
0089_PW407	0089_PW407_200114	14 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW407_200401	01 Apr 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.46	1.46	-	-	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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW407_200722	22 Jul 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW407_200921	21 Sep 2020	Normal	-	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW407_201215	15 Dec 2020	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW407_210315	15 Mar 2021	Normal	<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	<0.02	-
	0089_PW407_210610	10 Jun 2021	Normal	<0.02	0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW407_210831	31 Aug 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW407_220114	14 Jan 2022	Normal	<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	<0.02	-
	0089_PW407_220316	16 Mar 2022	Normal	<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	<0.02	-
	0089_PW407_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW407_220907	07 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW407_221213	13 Dec 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW407_230314	14 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW407_230608	08 Jun 2023	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	0.04	<0.05	<0.02	<0.02	-
	0089_PW407_230905	05 Sep 2023	Normal	<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	<0.02	-
	0089_PW407_231211	11 Dec 2023	Normal	<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	-	<0.02	<0.02	-
	0089_PW407_240312	12 Mar 2024	Normal	<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	<0.02	-
	0089_PW407_240528	28 May 2024	Normal	-	<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	<0.02	-
	0089_PW407_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	0.03	0.08	<0.02	<0.01	0.03	<0.05	<0.02	<0.02	<0.05
				<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-	<0.01	<0.1	<0.02	<0.02	0.03	0.08	<0.02	<0.01	0.03	<0.05	<0.02	<0.02	-
	0089_PW407_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW407_250616	16 Jun 2025	Normal	0.04	<0.02	<0.02	<0.02	<0.01	<0.02	0.03	-	<0.01	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	<0.01	0.08	<0.05	<0.02	<0.02	<0.05
				0.04	<0.02	-	<0.02	<0.01	-	0.03	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	<0.01	-	<0.05	<0.02	<0.02	<0.05
	0089_PW407_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC102_250310	10 Mar 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC112_230905	05 Sep 2023	Field_D	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_QC112_250916	16 Sep 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC202_250310	10 Mar 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
	0089_QC212_230905	05 Sep 2023	Interlab_D	<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	-
	0089_QC212_250916	16 Sep 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
0089_PW409	0089_PW409_200114	14 Jan 2020	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW409_200401	01 Apr 2020	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	-	-	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW409_200721	21 Jul 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW409_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW409_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW409_210317	17 Mar 2021	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW409_210610	10 Jun 2021	Normal	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	-	-
	0089_PW409_210831	31 Aug 2021	Normal	<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	-	<0.05	<0.02	<0.02	-
	0089_PW409_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	-	<0.02	-	-	<0.01	-	-	<0.02	<0.02	-
	0089_PW409_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW409_220607	07 Jun 2022	Normal	<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	-	<0.05	<0.02	-	-
	0089_PW409_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	-	<0.02	-
	0089_PW409_221213	13 Dec 2022	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_PW409_230314	14 Mar 2023	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW409_230608	08 Jun 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW409_230904	04 Sep 2023	Normal	<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	<0.02	-
	0089_PW409_231211	11 Dec 2023	Normal	<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	-	-
	0089_PW409_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW409_240528	28 May 2024	Normal	<0.02	<0.02	-	-	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW409_241217	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	-	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW409_250310	10 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW409_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW409_250916	16 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_QC113_200922	22 Sep 2020	Field_D	<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	<0.02	-
	0089_QC213_200921	22 Sep 2020	Interlab_D	<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	-
0089_PW411	0089_PW411_200114	14 Jan 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_200401	01 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	-	-	-	-
	0089_PW411_200721	21 Jul 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_200922	22 Sep 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW411_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_210318	18 Mar 2021	Normal	<0.02	-	-	<0.02	-	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW411_210609	09 Jun 2021	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_210901	01 Sep 2021	Normal	<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	<0.02	-
	0089_PW411_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW411_220316	16 Mar 2022	Normal	<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	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW407_200722	22 Jul 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_PW407_200921	21 Sep 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	0.01	-	-	-	0.01	-
	0089_PW407_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW407_210315	15 Mar 2021	Normal	<0.05	-	<0.05	-	<0.02	-	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW407_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	-	-	-	<0.01	-
	0089_PW407_210831	31 Aug 2021	Normal	-	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW407_220114	14 Jan 2022	Normal	-	<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	-
	0089_PW407_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW407_220607	07 Jun 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW407_220907	07 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW407_221213	13 Dec 2022	Normal	-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW407_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW407_230608	08 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	0.08	0.08	-	-	<0.01	-
	0089_PW407_230905	05 Sep 2023	Normal	<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	-
	0089_PW407_231211	11 Dec 2023	Normal	<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	-
	0089_PW407_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW407_240528	28 May 2024	Normal	<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	-
	0089_PW407_241217	19 Dec 2024	Normal	<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	-	<0.01	-
				-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.14	0.14	-	-	<0.01	-
	0089_PW407_250310	10 Mar 2025	Normal	<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	-
	0089_PW407_250616	16 Jun 2025	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.24	-	0.21	-	<0.01	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.24	-	-	-	<0.01	-
	0089_PW407_250916	16 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC102_250310	10 Mar 2025	Field_D	<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	-
	0089_QC112_230905	05 Sep 2023	Field_D	<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	-
	0089_QC112_250916	16 Sep 2025	Field_D	<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	-
	0089_QC202_250310	10 Mar 2025	Interlab_D	<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
	0089_QC212_230905	05 Sep 2023	Interlab_D	<0.05	<0.05	-	<0.05	<0.05	-	<0.05	-	<0.01	-	<0.01	<0.01	<0.1	<0.05	-	<0.01	<0.01	<0.01
	0089_QC212_250916	16 Sep 2025	Interlab_D	<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
0089_PW409	0089_PW409_200114	14 Jan 2020	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_200401	01 Apr 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_200721	21 Jul 2020	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_200922	22 Sep 2020	Normal	<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	-
	0089_PW409_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_210317	17 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_210610	10 Jun 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW409_210831	31 Aug 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW409_220114	14 Jan 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_220316	16 Mar 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_220607	07 Jun 2022	Normal	<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	-
	0089_PW409_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	-	-
	0089_PW409_221213	13 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_230314	14 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_230608	08 Jun 2023	Normal	<0.05	<0.02	-	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_230904	04 Sep 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_231211	11 Dec 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW409_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_240528	28 May 2024	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	0.01	-	-	0.01	-
	0089_PW409_241217	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_250310	10 Mar 2025	Normal	<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	-
	0089_PW409_250616	16 Jun 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW409_250916	16 Sep 2025	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC113_200922	22 Sep 2020	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_QC213_200921	22 Sep 2020	Interlab_D	-	<0.05	-	-	-	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	-	-	<0.01	<0.01
0089_PW411	0089_PW411_200114	14 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	-	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_200401	01 Apr 2020	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW411_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_200922	22 Sep 2020	Normal	<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	-
	0089_PW411_201215	15 Dec 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	-	-	<0.01	-	-	<0.01	-
	0089_PW411_210318	18 Mar 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_210609	09 Jun 2021	Normal	-	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_210901	01 Sep 2021	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_220114	14 Jan 2022	Normal	<0.05	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2								10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																				*19*				
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW411_220607	07 Jun 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_220906	06 Sep 2022	Normal	<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	<0.02	-
	0089_PW411_221214	14 Dec 2022	Normal	<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	<0.02	-
	0089_PW411_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_230608	08 Jun 2023	Normal	<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	<0.02	-
	0089_PW411_230904	04 Sep 2023	Normal	<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	<0.02	-
	0089_PW411_231213	13 Dec 2023	Normal	<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	<0.02	-
	0089_PW411_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW411_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	-	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW411_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
	0089_PW411_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.05
	0089_PW411_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	-	<0.02	<0.02	<0.02	-	<0.02	<0.05	-	<0.02	<0.05
	0089_QC110_230904	04 Sep 2023	Field_D	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_QC116_240528	28 May 2024	Field_D	<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	<0.02	-
	0089_QC117_241218	19 Dec 2024	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<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	-	<0.05	-	<0.02	-
	0089_QC210_230904	04 Sep 2023	Interlab_D	<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	-
	0089_QC216_240528	28 May 2024	Interlab_D	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	-
	0089_QC217_241218	18 Dec 2024	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
				<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-
0089_PW413	0089_PW413_200114	14 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW413_200401	01 Apr 2020	Normal	<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	<0.02	-
	0089_PW413_200721	21 Jul 2020	Normal	<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	-
	0089_PW413_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW413_201215	15 Dec 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW413_210318	18 Mar 2021	Normal	<0.02	<0.02	-	-	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	-	<0.02	-
	0089_PW413_210609	09 Jun 2021	Normal	<0.02	-	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW413_210901	01 Sep 2021	Normal	<0.02	<0.02	-	-	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW413_220114	14 Jan 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW413_220316	16 Mar 2022	Normal	<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	-
	0089_PW413_220607	07 Jun 2022	Normal	-	<0.02	-	<0.02	<0.01	-	-	-	<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	-
	0089_PW413_220906	06 Sep 2022	Normal	<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	<0.05	<0.02	<0.02	-
	0089_PW413_221214	14 Dec 2022	Normal	-	<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	<0.02	-
	0089_PW413_230315	15 Mar 2023	Normal	-	<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	<0.02	-
	0089_PW413_230608	08 Jun 2023	Normal	<0.02	-	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	-	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW413_230904	04 Sep 2023	Normal	<0.02	<0.02	-	<0.02	-	-	<0.02	-	<0.01	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW413_231213	13 Dec 2023	Normal	-	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW413_240312	12 Mar 2024	Normal	<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	-
	0089_PW413_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.01	<0.02	<0.05	-	<0.02	-
	0089_PW413_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<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	-	-
	0089_PW413_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
	0089_PW413_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.05
	0089_PW413_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.05
				<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	<0.02	<0.05
0089_PW415	0089_PW415_200114	14 Jan 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	-	<0.05	<0.02	<0.02	-
	0089_PW415_200401	01 Apr 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	-	-
	0089_PW415_200721	21 Jul 2020	Normal	<0.02	-	-	<0.02	<0.01	-	<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	-
	0089_PW415_200922	22 Sep 2020	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW415_201215	15 Dec 2020	Normal	-	-	-	<0.02	**0.02**	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-
	0089_PW415_210318	18 Mar 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW415_210609	09 Jun 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1	-	<0.02	<0.02	-	<0.02	<0.02	<0.01	-	<0.05	<0.02	-	-
	0089_PW415_210901	01 Sep 2021	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	-	-
	0089_PW415_220114	14 Jan 2022	Normal	<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	<0.02	-
	0089_PW415_220316	16 Mar 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<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	-
	0089_PW415_220607	07 Jun 2022	Normal	-	<0.02	-	<0.02	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.05	<0.02	<0.02	-
	0089_PW415_220906	06 Sep 2022	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	-	<0.01	<0.02	<0.05	<0.02	<0.02	-	-
	0089_PW415_221214	14 Dec 2022	Normal	<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	<0.02	-
	0089_PW415_230315	15 Mar 2023	Normal	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW415_230608	08 Jun 2023	Normal	<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	<0.02	-
	0089_PW415_230904	04 Sep 2023	Normal	<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	<0.02	-
	0089_PW415_231213	13 Dec 2023	Normal	<0.02	<0.02	-	-	-	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	-	<0.02	<0.02	-
	0089_PW415_240312	12 Mar 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.05	<0.02	<0.02	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW411_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW411_221214	14 Dec 2022	Normal	<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	-
	0089_PW411_230315	15 Mar 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	-	-	<0.05	<0.05	<0.01	-	-	-	-	-
	0089_PW411_230608	08 Jun 2023	Normal	-	<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	-
	0089_PW411_230904	04 Sep 2023	Normal	<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	-
	0089_PW411_231213	13 Dec 2023	Normal	-	<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	-
	0089_PW411_240312	12 Mar 2024	Normal	-	-	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_240528	28 May 2024	Normal	<0.05	<0.02	-	-	<0.02	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW411_241218	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.01	-
	0089_PW411_250311	11 Mar 2025	Normal	<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	-
	0089_PW411_250616	16 Jun 2025	Normal	<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	-
				<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	-
	0089_PW411_250910	10 Sep 2025	Normal	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC110_230904	04 Sep 2023	Field_D	<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	-
	0089_QC116_240528	28 May 2024	Field_D	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_QC117_241218	19 Dec 2024	Field_D	<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	-
				<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_QC210_230904	04 Sep 2023	Interlab_D	<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
	0089_QC216_240528	28 May 2024	Interlab_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	-	<0.05	-	<0.01	<0.01	<0.01
	0089_QC217_241218	18 Dec 2024	Interlab_D	<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
				-	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.01	-	<0.01	<0.01	-	<0.05	-	-	<0.01	<0.01
0089_PW413	0089_PW413_200114	14 Jan 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_200401	01 Apr 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	-	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_200721	21 Jul 2020	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	-	-	-	<0.01	-
	0089_PW413_200922	22 Sep 2020	Normal	<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	-
	0089_PW413_201215	15 Dec 2020	Normal	-	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW413_210318	18 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	-	-
	0089_PW413_210609	09 Jun 2021	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW413_210901	01 Sep 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW413_220114	14 Jan 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW413_220316	16 Mar 2022	Normal	<0.05	<0.02	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_220607	07 Jun 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_220906	06 Sep 2022	Normal	<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	-
	0089_PW413_221214	14 Dec 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_230315	15 Mar 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_230608	08 Jun 2023	Normal	<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	-
	0089_PW413_230904	04 Sep 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_231213	13 Dec 2023	Normal	<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	-
	0089_PW413_240312	12 Mar 2024	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_240528	28 May 2024	Normal	<0.05	-	<0.05	-	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW413_241218	19 Dec 2024	Normal	<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	-
				<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	-	-
	0089_PW413_250311	11 Mar 2025	Normal	<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	-
	0089_PW413_250616	16 Jun 2025	Normal	<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	-
				<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	-
	0089_PW413_250910	10 Sep 2025	Normal	<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	-
				-	<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	-
0089_PW415	0089_PW415_200114	14 Jan 2020	Normal	<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	-
	0089_PW415_200401	01 Apr 2020	Normal	<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	-
	0089_PW415_200721	21 Jul 2020	Normal	<0.05	-	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW415_200922	22 Sep 2020	Normal	<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	-
	0089_PW415_201215	15 Dec 2020	Normal	<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	-
	0089_PW415_210318	18 Mar 2021	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW415_210609	09 Jun 2021	Normal	-	<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	-
	0089_PW415_210901	01 Sep 2021	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW415_220114	14 Jan 2022	Normal	<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	-
	0089_PW415_220316	16 Mar 2022	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW415_220607	07 Jun 2022	Normal	<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	-
	0089_PW415_220906	06 Sep 2022	Normal	<0.05	<0.02	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW415_221214	14 Dec 2022	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	-	<0.05	0.01	0.01	-	-	0.01	-
	0089_PW415_230315	15 Mar 2023	Normal	<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW415_230608	08 Jun 2023	Normal	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	-	<0.01	<0.01	-	-	<0.01	-
	0089_PW415_230904	04 Sep 2023	Normal	-	<0.02	-	<0.05	<0.02	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW415_231213	13 Dec 2023	Normal	<0.05	-	<0.05	<0.05	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	-	<0.01	-	-	<0.01	-
	0089_PW415_240312	12 Mar 2024	Normal	<0.05	<0.02	-	-	-	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluoro-n-hexadecanoic acid (PFHxDA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.001	0.001	0.002	0.001	0.001	0.01	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
PFAS NEMP 3.0 2025 Recreational water quality								2				2							10					
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)								**0.02**																
PFAS NEMP 3.0 2025 Interim marine 99%																			*19*					
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_PW415_240528	28 May 2024	Normal	<0.02	<0.02	-	<0.02	<0.01	-	-	-	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-
	0089_PW415_241218	19 Dec 2024	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	-	<0.02	<0.02	<0.01	<0.02	-	<0.02	<0.02	-
	0089_PW415_250311	11 Mar 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW415_250616	16 Jun 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<0.02	<0.02	-	<0.02	<0.01	<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	<0.02	<0.05
	0089_PW415_250910	10 Sep 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
				<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	<0.02	<0.05
	0089_QC117_250616	16 Jun 2025	Field_D	<0.02	<0.02	<0.02	<0.02	<0.01	<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	<0.02	<0.05
	0089_QC217_250616	16 Jun 2025	Interlab_D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)	Sum of WA DWER PFAS (n=10)*	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	ug/L	µg/L	µg/L	µg/L	µg/L
EQL				0.004	0.002	0.005	0.004	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.001	0.01
PFAS NEMP 3.0 2025 Recreational water quality																				2	
ANZG (2018) – Freshwater – 99% species protection (updated 18/03/2026)																					
PFAS NEMP 3.0 2025 Interim marine 99%																					
Location Code	**Field ID**	**Date**	**Sample Type**																		
	0089_PW415_240528	28 May 2024	Normal	<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	-
	0089_PW415_241218	19 Dec 2024	Normal	<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	-
				<0.05	<0.02	-	<0.05	<0.02	<0.05	<0.02	-	<0.05	-	<0.05	<0.05	<0.01	<0.01	-	-	<0.01	-
	0089_PW415_250311	11 Mar 2025	Normal	<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	-
	0089_PW415_250616	16 Jun 2025	Normal	<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	-
				-	<0.02	<0.05	<0.05	<0.02	-	<0.02	-	-	<0.05	-	<0.05	<0.01	-	-	-	<0.01	-
	0089_PW415_250910	10 Sep 2025	Normal	<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	-
				<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	-
	0089_QC117_250616	16 Jun 2025	Field_D	<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	-
	0089_QC217_250616	16 Jun 2025	Interlab_D	<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

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
SD304	0089_QC110_240312	12 Mar 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC210_240312	12 Mar 2024	Interlab_D	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	0089_SD304_0.40-0.50_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_180417	17 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0004	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD304_200109	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_210610	10 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_220318	18 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_230313	13 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_241217	17 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_250313	13 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD304_250912	12 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD306	0089_QC115_210831	31 Aug 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC215_210831	31 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD306_180418	18 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD306_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_200331_1.00	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD306_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD307	0089_QC110_240528	28 May 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC210_240528	28 May 2024	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD307_180430	30 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD307_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_200331_1.00	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
SD304	0089_QC110_240312	12 Mar 2024	Field_D	<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	-	0.0002	-
	0089_QC210_240312	12 Mar 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_SD304_0.40-0.50_20	01 Apr 2020	Normal	<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	-	0.0004	-
	0089_SD304_180417	17 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD304_200109	08 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD304_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD304_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD304_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD304_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD304_210610	10 Jun 2021	Normal	<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	-	0.0006	-
	0089_SD304_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD304_220111	11 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD304_220318	18 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD304_220608	08 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD304_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD304_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD304_230313	13 Mar 2023	Normal	<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	-	0.0004	-
	0089_SD304_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD304_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD304_231213	13 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD304_240312	12 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD304_240529	29 May 2024	Normal	<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	-
	0089_SD304_241217	17 Dec 2024	Normal	<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	-
	0089_SD304_250313	13 Mar 2025	Normal	<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	-	0.0003	-
	0089_SD304_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD304_250912	12 Sep 2025	Normal	<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	-	<0.0002	-
SD306	0089_QC115_210831	31 Aug 2021	Field_D	<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	-	<0.0002	-
	0089_QC215_210831	31 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD306_180418	18 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD306_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD306_200331_1.00	31 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD306_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD306_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD306_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD306_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD306_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD306_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD306_220113	13 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD306_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD306_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD306_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD306_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD306_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD306_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD306_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD306_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD306_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD306_240528	28 May 2024	Normal	<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	-
	0089_SD306_241218	19 Dec 2024	Normal	<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	-
	0089_SD306_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD306_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD306_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD307	0089_QC110_240528	28 May 2024	Field_D	<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	-
	0089_QC210_240528	28 May 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_SD307_180430	30 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD307_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD307_200331_1.00	31 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD307_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD307_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD307_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD307_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD307_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD307_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD307_220113	13 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD307_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD307_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD307_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD307_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD307_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD307_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD307_230904	04 Sep 2023	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD307_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD307_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC103_250910	10 Sep 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC203_250910	10 Sep 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD307_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD308	0089_QC117_210317	17 Mar 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC217_210317	17 Mar 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD308_0.50_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_1.00-1.20_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_180430	30 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD308_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD308_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD314	0089_QC102_220607	07 Jun 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC202_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	-	<0.0004	<0.0004	-	<0.0004	-	-	<0.0004	<0.0008	<0.0002	<0.0002	<0.0008	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	0089_SD314_180418	18 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD314_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_200331_0.60	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD314_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD315	0089_QC106_240311	11 Mar 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC206_240311	11 Mar 2024	Interlab_D	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	0089_SD315_1.00-1.20_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_180430	30 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD315_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD307_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD307_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD307_240528	28 May 2024	Normal	<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	-
	0089_SD307_241218	19 Dec 2024	Normal	<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	-
	0089_SD307_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD307_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_QC103_250910	10 Sep 2025	Field_D	<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	-	<0.0002	-
	0089_QC203_250910	10 Sep 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD307_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD308	0089_QC117_210317	17 Mar 2021	Field_D	<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	-	<0.0002	-
	0089_QC217_210317	17 Mar 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD308_0.50_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD308_1.00-1.20_20	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD308_180430	30 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD308_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD308_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD308_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD308_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD308_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD308_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD308_220113	13 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD308_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD308_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD308_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD308_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD308_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD308_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD308_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD308_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD308_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD308_240528	28 May 2024	Normal	<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	-
	0089_SD308_241218	19 Dec 2024	Normal	<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	-
	0089_SD308_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD308_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD308_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD314	0089_QC102_220607	07 Jun 2022	Field_D	<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	-	<0.0002	-
	0089_QC202_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	-	<0.0004	-
	0089_SD314_180418	18 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD314_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD314_200331_0.60	31 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD314_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD314_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD314_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD314_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD314_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD314_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD314_220113	13 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD314_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD314_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD314_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD314_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD314_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD314_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD314_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD314_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD314_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD314_240528	28 May 2024	Normal	<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	-
	0089_SD314_241218	19 Dec 2024	Normal	<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	-
	0089_SD314_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD314_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD314_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD315	0089_QC106_240311	11 Mar 2024	Field_D	<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	-	<0.0002	-
	0089_QC206_240311	11 Mar 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_SD315_1.00-1.20_20	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD315_180430	30 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD315_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD315_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD315_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD315_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD315_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD315_210609	09 Jun 2021	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD315_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD315_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD316	0089_QC105_250311	11 Mar 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC205_250311	10 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD316_1.20-1.40_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_180430	30 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD316_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD316_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD323	0089_SD323_180430	30 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD324	0089_SD324_180430	30 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
SD325	0089_SD325_180501	01 May 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD329	0089_QC101_201214	14 Dec 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC104_210608	08 Jun 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC109_220110	10 Jan 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC109_250611	11 Jun 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC115_220315	15 Mar 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC201_201114	14 Dec 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC204_210608	08 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC209_220110	10 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC209_250611	10 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC215_220315	15 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD329_180412	12 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD329_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_200330_0.50	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_220315	15 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_230911	11 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD315_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD315_220113	13 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD315_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD315_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD315_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD315_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD315_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD315_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD315_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD315_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD315_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD315_240528	28 May 2024	Normal	<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	-
	0089_SD315_241218	19 Dec 2024	Normal	<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	-
	0089_SD315_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD315_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD315_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD316	0089_QC105_250311	11 Mar 2025	Field_D	<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	-	<0.0002	-
	0089_QC205_250311	10 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD316_1.20-1.40_20	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD316_180430	30 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD316_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD316_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD316_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD316_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD316_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD316_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD316_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD316_220113	13 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD316_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD316_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD316_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD316_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD316_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD316_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD316_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD316_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD316_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD316_241218	19 Dec 2024	Normal	<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	-
	0089_SD316_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD316_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD316_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD323	0089_SD323_180430	30 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD324	0089_SD324_180430	30 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD325	0089_SD325_180501	01 May 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD329	0089_QC101_201214	14 Dec 2020	Field_D	<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	-	<0.0002	-
	0089_QC104_210608	08 Jun 2021	Field_D	<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	-	<0.0002	-
	0089_QC109_220110	10 Jan 2022	Field_D	<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	-	<0.0002	-
	0089_QC109_250611	11 Jun 2025	Field_D	<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	-	<0.0002	-
	0089_QC115_220315	15 Mar 2022	Field_D	<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	-	<0.0002	-
	0089_QC201_201114	14 Dec 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC204_210608	08 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC209_220110	10 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC209_250611	10 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC215_220315	15 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD329_180412	12 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD329_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD329_200330_0.50	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD329_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD329_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD329_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD329_210316	16 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD329_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD329_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD329_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD329_220315	15 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD329_220608	08 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD329_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD329_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD329_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD329_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD329_230911	11 Sep 2023	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD329_231219	19 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_250114-0.10	14 Jan 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_250611	11 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD329_250923	23 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD330	0089_QC106_221212	12 Dec 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC206_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_SD330_180412	12 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_SD330_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_200330_0.50	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_220315	15 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_230911	11 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_231219	19 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_250114-0.10	14 Jan 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_250611	11 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD330_250923	23 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD331	0089_QC103_201214	14 Dec 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC203_201114	14 Dec 2020	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_SD331_180412	12 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_SD331_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_200330_0.30	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_220315	15 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_230911	11 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_231219	19 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_250114-0.10	14 Jan 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_250611	11 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD331_250923	23 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD335	0089_QC1SD_180413	13 Apr 2018	Field_D	<0.0001	<0.0002	-	<0.0001	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_QC2SD_180413	13 Apr 2018	Interlab_D	<0.001	<0.001	-	<0.001	<0.001[#1]	-	<0.001	-	-	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	0089_QC101_200715	15 Jul 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC101_231211	11 Dec 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC103_220110	10 Jan 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC104_230313	13 Mar 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC113_220607	07 Jun 2022	Field_D	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_QC113_250613	13 Jun 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC201_200215	15 Jul 2020	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC201_231211	11 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC203_220110	10 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC204_230313	13 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD329_231219	19 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD329_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD329_240528	28 May 2024	Normal	<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	-
	0089_SD329_250114-0.10	14 Jan 2025	Normal	<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	-
	0089_SD329_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD329_250611	11 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD329_250923	23 Sep 2025	Normal	<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	-	<0.0002	-
SD330	0089_QC106_221212	12 Dec 2022	Field_D	<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	-	<0.0002	-
	0089_QC206_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD330_180412	12 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD330_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD330_200330_0.50	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD330_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD330_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD330_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD330_210316	16 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD330_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD330_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD330_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD330_220315	15 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD330_220608	08 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD330_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD330_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD330_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD330_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD330_230911	11 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD330_231219	19 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD330_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD330_240528	28 May 2024	Normal	<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	-
	0089_SD330_250114-0.10	14 Jan 2025	Normal	<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	-
	0089_SD330_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD330_250611	11 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD330_250923	23 Sep 2025	Normal	<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	-	<0.0002	-
SD331	0089_QC103_201214	14 Dec 2020	Field_D	<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	-	<0.0002	-
	0089_QC203_201114	14 Dec 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD331_180412	12 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD331_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD331_200330_0.30	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD331_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD331_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD331_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD331_210316	16 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD331_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD331_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD331_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD331_220315	15 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD331_220608	08 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD331_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD331_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD331_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD331_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD331_230911	11 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD331_231219	19 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD331_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD331_240528	28 May 2024	Normal	<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	-
	0089_SD331_250114-0.10	14 Jan 2025	Normal	<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	-
	0089_SD331_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD331_250611	11 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD331_250923	23 Sep 2025	Normal	<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	-	<0.0002	-
SD335	0089_QC1SD_180413	13 Apr 2018	Field_D	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_QC2SD_180413	13 Apr 2018	Interlab_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	<0.05	<0.01	-	<0.005	-
	0089_QC101_200715	15 Jul 2020	Field_D	<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	-	<0.0002	-
	0089_QC101_231211	11 Dec 2023	Field_D	<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	-	<0.0002	-
	0089_QC103_220110	10 Jan 2022	Field_D	<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	-	<0.0002	-
	0089_QC104_230313	13 Mar 2023	Field_D	<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	-	<0.0002	-
	0089_QC113_220607	07 Jun 2022	Field_D	<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	-	0.0004	-
	0089_QC113_250613	13 Jun 2025	Field_D	<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	-	<0.0002	-
	0089_QC201_200215	15 Jul 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC201_231211	11 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC203_220110	10 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC204_230313	13 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_QC213_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	-	<0.0004	<0.0004	-	<0.0004	-	-	<0.0004	<0.0008	<0.0002	<0.0002	<0.0008	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	0089_QC213_250613	12 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD335_0.40-0.50_20	09 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_0.50_200330	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_180413	13 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0002	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_SD335_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_220607	07 Jun 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD335_220905	05 Sep 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD335_221212	12 Dec 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD335_230313	13 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_241218	18 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD335_250909	09 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD340	0089_QC105_220905	05 Sep 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC107_210830	30 Aug 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC108_200330	30 Mar 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC108_230313	13 Mar 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC205_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC207_210830	30 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC208_200330	30 Mar 2020	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC208_230313	13 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_SD340_0.40-0.50_20	09 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_180413	13 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0002	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_SD340_200330	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_230313	13 Mar 2023	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD340_230607	07 Jun 2023	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD340_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_241218	18 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD340_250909	09 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD341	0089_QC105_200108	08 Jan 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC110_221212	12 Dec 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC205_200108	08 Jan 2020	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC210_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_SD341_180413	13 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0002	<0.0001	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_SD341_200108	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_200331	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_QC213_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	-	<0.0004	-
	0089_QC213_250613	12 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD335_0.40-0.50_20	09 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD335_0.50_200330	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD335_180413	13 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD335_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD335_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD335_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD335_210315	15 Mar 2021	Normal	<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	-	0.0005	-
	0089_SD335_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD335_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD335_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD335_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD335_220607	07 Jun 2022	Normal	<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	-	0.0003	-
	0089_SD335_220905	05 Sep 2022	Normal	<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	-	0.0003	-
	0089_SD335_221212	12 Dec 2022	Normal	<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	-	0.0003	-
	0089_SD335_230313	13 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD335_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD335_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD335_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD335_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD335_240529	29 May 2024	Normal	<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	-
	0089_SD335_241218	18 Dec 2024	Normal	<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	-
	0089_SD335_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD335_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD335_250909	09 Sep 2025	Normal	<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	-	<0.0002	-
SD340	0089_QC105_220905	05 Sep 2022	Field_D	<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	-	<0.0002	-
	0089_QC107_210830	30 Aug 2021	Field_D	<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	-	<0.0002	-
	0089_QC108_200330	30 Mar 2020	Field_D	<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	-	<0.0002	-
	0089_QC108_230313	13 Mar 2023	Field_D	<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	-	<0.0002	-
	0089_QC205_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC207_210830	30 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC208_200330	30 Mar 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC208_230313	13 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD340_0.40-0.50_20	09 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD340_180413	13 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD340_200330	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD340_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD340_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD340_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD340_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD340_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD340_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD340_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD340_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD340_220607	07 Jun 2022	Normal	<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	-	0.0002	-
	0089_SD340_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD340_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD340_230313	13 Mar 2023	Normal	<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	-	0.0003	-
	0089_SD340_230607	07 Jun 2023	Normal	<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	-	0.0003	-
	0089_SD340_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD340_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD340_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD340_240529	29 May 2024	Normal	<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	-
	0089_SD340_241218	18 Dec 2024	Normal	<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	-
	0089_SD340_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD340_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD340_250909	09 Sep 2025	Normal	<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	-	<0.0002	-
SD341	0089_QC105_200108	08 Jan 2020	Field_D	<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	-	<0.0002	-
	0089_QC110_221212	12 Dec 2022	Field_D	<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	-	<0.0002	-
	0089_QC205_200108	08 Jan 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC210_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD341_180413	13 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD341_200108	08 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD341_200331	31 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD341_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD341_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD341_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD341_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD341_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD341_210830	30 Aug 2021	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD341_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_230313	13 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_241218	18 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD341_250909	09 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD345	0089_QC114_250613	13 Jun 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC214_250613	12 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD345_0.30-0.40_20	09 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_0.40-0.50_20	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_180413	13 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0002	0.0005	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD345_200924	24 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_240313	13 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_241217	17 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_250313	13 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD345_250912	12 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD346	0089_QC105_210830	30 Aug 2021	Field_D	<0.0002	<0.0002	-	<0.0002	0.0022	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_QC117_220112	12 Jan 2022	Field_D	<0.0002	<0.0002	-	<0.0002	0.0070	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_QC117_230314	14 Mar 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC205_210830	30 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_220112	12 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_230314	14 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD346_0.30-0.40_20	01 Apr 2020	Normal	<0.0002	<0.0002	-	<0.0002	0.0009	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_180417	17 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0007	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD346_200109	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD346_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD346_200922	22 Sep 2020	Normal	<0.0002	<0.0002	-	<0.0002	0.0114	-	<0.0002	-	-	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_201215	15 Dec 2020	Normal	<0.0002	<0.0002	-	<0.0002	0.0094	-	<0.0002	-	-	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD346_210610	10 Jun 2021	Normal	<0.0002	<0.0002	-	<0.0002	0.0028	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_210830	30 Aug 2021	Normal	<0.0002	<0.0002	-	<0.0002	0.0024	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_220112	12 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD346_220318	18 Mar 2022	Normal	<0.0002	<0.0002	-	<0.0002	0.0153	-	<0.0002	-	-	0.0024	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_220608	08 Jun 2022	Normal	<0.0002	<0.0002	-	<0.0002	0.0019	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_220906	06 Sep 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_221212	12 Dec 2022	Normal	<0.0002	<0.0002	-	<0.0002	0.0097	-	<0.0002	-	-	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD346_230607	07 Jun 2023	Normal	<0.0002	<0.0002	-	<0.0002	0.0009	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_230905	05 Sep 2023	Normal	<0.0002	<0.0002	-	<0.0002	0.0013	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_231213	13 Dec 2023	Normal	<0.0002	<0.0002	-	<0.0002	0.0040	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD346_240528	28 May 2024	Normal	<0.0002	<0.0002	-	<0.0002	0.0021	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_241217	17 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD346_250313	13 Mar 2025	Normal	<0.0002	<0.0002	<0.0002	<0.0002	0.0029	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_250613	17 Jun 2025	Normal	<0.0002	<0.0002	<0.0002	<0.0002	0.0009	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD346_250912	12 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD350	0089_SD350_180419	19 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0005	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD341_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD341_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD341_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD341_220905	05 Sep 2022	Normal	<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	-	0.0004	-
	0089_SD341_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD341_230313	13 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD341_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD341_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD341_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD341_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD341_240529	29 May 2024	Normal	<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	-
	0089_SD341_241218	18 Dec 2024	Normal	<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	-
	0089_SD341_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD341_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD341_250909	09 Sep 2025	Normal	<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	-	<0.0002	-
SD345	0089_QC114_250613	13 Jun 2025	Field_D	<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	-	<0.0002	-
	0089_QC214_250613	12 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD345_0.30-0.40_20	09 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD345_0.40-0.50_20	31 Mar 2020	Normal	<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	-	0.0002	-
	0089_SD345_180413	13 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD345_200924	24 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD345_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD345_210316	16 Mar 2021	Normal	<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	-	0.0017	-
	0089_SD345_210609	09 Jun 2021	Normal	<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	-	0.0003	-
	0089_SD345_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD345_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD345_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD345_220607	07 Jun 2022	Normal	<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	-	0.0007	-
	0089_SD345_220905	05 Sep 2022	Normal	<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	-	0.0016	-
	0089_SD345_221212	13 Dec 2022	Normal	<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	-	0.0003	-
	0089_SD345_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD345_230607	07 Jun 2023	Normal	<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	-	0.0004	-
	0089_SD345_230905	05 Sep 2023	Normal	<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	-	0.0002	-
	0089_SD345_231213	13 Dec 2023	Normal	<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	-	0.0002	-
	0089_SD345_240313	13 Mar 2024	Normal	<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	-	0.0003	-
	0089_SD345_240529	29 May 2024	Normal	<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	-
	0089_SD345_241217	17 Dec 2024	Normal	<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	-
	0089_SD345_250313	13 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD345_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD345_250912	12 Sep 2025	Normal	<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	-	0.0002	-
SD346	0089_QC105_210830	30 Aug 2021	Field_D	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0022	0.0022	-	0.0022	-
	0089_QC117_220112	12 Jan 2022	Field_D	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0070	0.0070	-	0.0070	-
	0089_QC117_230314	14 Mar 2023	Field_D	<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	-	0.0004	-
	0089_QC205_210830	30 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_220112	12 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_230314	14 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD346_0.30-0.40_20	01 Apr 2020	Normal	<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	-	0.0009	-
	0089_SD346_180417	17 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD346_200109	08 Jan 2020	Normal	<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	-	0.0006	-
	0089_SD346_200715	15 Jul 2020	Normal	<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	-	0.0012	-
	0089_SD346_200922	22 Sep 2020	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0116	0.0116	-	0.0116	-
	0089_SD346_201215	15 Dec 2020	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0096	0.0096	-	0.0096	-
	0089_SD346_210317	17 Mar 2021	Normal	<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	-	0.0008	-
	0089_SD346_210610	10 Jun 2021	Normal	<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	-	0.0028	-
	0089_SD346_210830	30 Aug 2021	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0024	0.0024	-	0.0024	-
	0089_SD346_220112	12 Jan 2022	Normal	<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	-	0.0032	-
	0089_SD346_220318	18 Mar 2022	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0179	0.0179	-	0.0177	-
	0089_SD346_220608	08 Jun 2022	Normal	<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	-	0.0019	-
	0089_SD346_220906	06 Sep 2022	Normal	<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	-	0.0025	-
	0089_SD346_221212	12 Dec 2022	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0099	0.0099	-	0.0099	-
	0089_SD346_230314	14 Mar 2023	Normal	<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	-	0.0004	-
	0089_SD346_230607	07 Jun 2023	Normal	<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	-	0.0009	-
	0089_SD346_230905	05 Sep 2023	Normal	<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	-	0.0013	-
	0089_SD346_231213	13 Dec 2023	Normal	<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	-	0.0040	-
	0089_SD346_240312	12 Mar 2024	Normal	<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	-	0.0004	-
	0089_SD346_240528	28 May 2024	Normal	<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	-
	0089_SD346_241217	17 Dec 2024	Normal	<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	-
	0089_SD346_250313	13 Mar 2025	Normal	<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	-	0.0029	-
	0089_SD346_250613	17 Jun 2025	Normal	<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	-	0.0009	-
	0089_SD346_250912	12 Sep 2025	Normal	<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	-	0.0003	-
SD350	0089_SD350_180419	19 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD350_200130	30 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_200402	02 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_201216	16 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_231214	14 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_240527	27 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_241219	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_250312	12 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_250609	09 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD350_250911	11 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD351	0089_SD351_0.80-0.90_20	02 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_180419	19 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD351_200130	30 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_201216	16 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_231214	14 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_240527	27 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_241219	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_250312	12 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_250609	09 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD351_250911	11 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD352	0089_QC109_250312	12 Mar 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC209_250312	11 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD352_180419	19 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD352_200130	30 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_201216	16 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_231214	14 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_240527	27 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_241219	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_250312	12 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD352_250609	09 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD350_200130	30 Jan 2020	Normal	<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	-	0.0004	-
	0089_SD350_200402	02 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD350_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD350_200923	23 Sep 2020	Normal	<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	-	0.0003	-
	0089_SD350_201216	16 Dec 2020	Normal	<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	-	0.0004	-
	0089_SD350_210317	17 Mar 2021	Normal	<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	-	0.0005	-
	0089_SD350_210608	08 Jun 2021	Normal	<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	-	0.0003	-
	0089_SD350_210830	30 Aug 2021	Normal	<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	-	0.0002	-
	0089_SD350_220111	11 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD350_220314	14 Mar 2022	Normal	<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	-	0.0002	-
	0089_SD350_220607	07 Jun 2022	Normal	<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	-	0.0006	-
	0089_SD350_220907	07 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD350_221212	12 Dec 2022	Normal	<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	-	0.0002	-
	0089_SD350_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD350_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD350_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD350_231214	14 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD350_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD350_240527	27 May 2024	Normal	<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	-
	0089_SD350_241219	19 Dec 2024	Normal	<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	-
	0089_SD350_250312	12 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD350_250609	09 Jun 2025	Normal	<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	-	0.0003	-
	0089_SD350_250911	11 Sep 2025	Normal	<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	-	<0.0002	-
SD351	0089_SD351_0.80-0.90_20	02 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD351_180419	19 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD351_200130	30 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD351_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD351_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD351_201216	16 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD351_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD351_210608	08 Jun 2021	Normal	<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	-	0.0003	-
	0089_SD351_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD351_220111	11 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD351_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD351_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD351_220907	07 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD351_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD351_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD351_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD351_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD351_231214	14 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD351_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD351_240527	27 May 2024	Normal	<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	-
	0089_SD351_241219	19 Dec 2024	Normal	<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	-
	0089_SD351_250312	12 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD351_250609	09 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD351_250911	11 Sep 2025	Normal	<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	-	<0.0002	-
SD352	0089_QC109_250312	12 Mar 2025	Field_D	<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	-	<0.0002	-
	0089_QC209_250312	11 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD352_180419	19 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD352_200130	30 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD352_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD352_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD352_201216	16 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD352_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD352_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD352_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD352_220111	11 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD352_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD352_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD352_220907	07 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD352_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD352_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD352_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD352_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD352_231214	14 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD352_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD352_240527	27 May 2024	Normal	<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	-
	0089_SD352_241219	19 Dec 2024	Normal	<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	-
	0089_SD352_250312	12 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD352_250609	09 Jun 2025	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD352_250911	11 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD356	0089_QC1SD_180412	12 Apr 2018	Field_D	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_QC2SD_180412	12 Apr 2018	Interlab_D	<0.001	<0.001	-	<0.001	<0.001[#1]	-	<0.001	-	-	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	0089_QC109_210830	30 Aug 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC112_220315	15 Mar 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC114_230607	07 Jun 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC209_210830	30 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC212_220315	15 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC214_230607	07 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD356_180412	12 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD356_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_200330_0.50	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_220315	15 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_230911	11 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_231219	19 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_250114-0.10	14 Jan 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_250611	11 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD356_250923	23 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD357	0089_QC107_220905	05 Sep 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC114_250314	14 Mar 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC207_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC214_250314	13 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD357_180412	12 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD357_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_200330_0.40	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_220315	15 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_230911	11 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_231219	19 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_250114-0.10	14 Jan 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_250611	11 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD357_250923	23 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD358	0089_QC108_210608	08 Jun 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC108_240311	11 Mar 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC208_210608	08 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC208_240311	11 Mar 2024	Interlab_D	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	0089_SD358_0.30_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_180412	12 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD358_200110	10 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_200330_0.50	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD352_250911	11 Sep 2025	Normal	<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	-	<0.0002	-
SD356	0089_QC1SD_180412	12 Apr 2018	Field_D	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_QC2SD_180412	12 Apr 2018	Interlab_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	<0.05	<0.01	-	<0.005	-
	0089_QC109_210830	30 Aug 2021	Field_D	<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	-	<0.0002	-
	0089_QC112_220315	15 Mar 2022	Field_D	<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	-	<0.0002	-
	0089_QC114_230607	07 Jun 2023	Field_D	<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	-	<0.0002	-
	0089_QC209_210830	30 Aug 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC212_220315	15 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC214_230607	07 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD356_180412	12 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD356_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD356_200330_0.50	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD356_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD356_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD356_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD356_210316	16 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD356_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD356_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD356_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD356_220315	15 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD356_220608	08 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD356_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD356_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD356_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD356_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD356_230911	11 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD356_231219	19 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD356_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD356_240528	28 May 2024	Normal	<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	-
	0089_SD356_250114-0.10	14 Jan 2025	Normal	<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	-
	0089_SD356_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD356_250611	11 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD356_250923	23 Sep 2025	Normal	<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	-	<0.0002	-
SD357	0089_QC107_220905	05 Sep 2022	Field_D	<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	-	<0.0002	-
	0089_QC114_250314	14 Mar 2025	Field_D	<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	-	<0.0002	-
	0089_QC207_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC214_250314	13 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD357_180412	12 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD357_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD357_200330_0.40	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD357_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD357_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD357_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD357_210316	16 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD357_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD357_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD357_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD357_220315	15 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD357_220608	08 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD357_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD357_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD357_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD357_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD357_230911	11 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD357_231219	19 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD357_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD357_240528	28 May 2024	Normal	<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	-
	0089_SD357_250114-0.10	14 Jan 2025	Normal	<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	-
	0089_SD357_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD357_250611	11 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD357_250923	23 Sep 2025	Normal	<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	-	<0.0002	-
SD358	0089_QC108_210608	08 Jun 2021	Field_D	<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	-	<0.0002	-
	0089_QC108_240311	11 Mar 2024	Field_D	<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	-	<0.0002	-
	0089_QC208_210608	08 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC208_240311	11 Mar 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_SD358_0.30_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD358_180412	12 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD358_200110	10 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD358_200330_0.50	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD358_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD358_200923	23 Sep 2020	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD358_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_220315	15 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_230911	11 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_231219	19 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_250114-0.10	14 Jan 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_250611	11 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_260314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD358_250923	23 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD362	0089_QC102_200715	15 Jul 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC202_200215	15 Jul 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD362_180413	13 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0002	0.0003	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD362_200108	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_200331	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_230313	13 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_241218	18 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD362_250909	09 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD363	0089_QC112_220905	05 Sep 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC112_230313	13 Mar 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC212_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC212_230313	13 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD363_180413	13 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0002	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD363_200108	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_200331	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_230313	13 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_241218	18 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD363_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD358_210316	16 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD358_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD358_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD358_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD358_220315	15 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD358_220608	08 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD358_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD358_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD358_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD358_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD358_230911	11 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD358_231219	19 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD358_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD358_240528	28 May 2024	Normal	<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	-
	0089_SD358_250114-0.10	14 Jan 2025	Normal	<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	-
	0089_SD358_250611	11 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD358_260314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD358_250923	23 Sep 2025	Normal	<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	-	<0.0002	-
SD362	0089_QC102_200715	15 Jul 2020	Field_D	<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	-	<0.0002	-
	0089_QC202_200215	15 Jul 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD362_180413	13 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD362_200108	08 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD362_200331	31 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD362_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD362_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD362_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD362_210315	15 Mar 2021	Normal	<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	-	0.0002	-
	0089_SD362_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD362_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD362_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD362_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD362_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD362_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD362_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD362_230313	13 Mar 2023	Normal	<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	-	0.0002	-
	0089_SD362_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD362_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD362_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD362_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD362_240529	29 May 2024	Normal	<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	-
	0089_SD362_241218	18 Dec 2024	Normal	<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	-
	0089_SD362_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD362_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD362_250909	09 Sep 2025	Normal	<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	-	<0.0002	-
SD363	0089_QC112_220905	05 Sep 2022	Field_D	<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	-	0.0004	-
	0089_QC112_230313	13 Mar 2023	Field_D	<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	-	0.0002	-
	0089_QC212_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC212_230313	13 Mar 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD363_180413	13 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD363_200108	08 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD363_200331	31 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD363_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD363_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD363_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD363_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD363_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD363_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD363_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD363_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD363_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD363_220905	05 Sep 2022	Normal	<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	-	0.0005	-
	0089_SD363_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD363_230313	13 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD363_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD363_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD363_231211	11 Dec 2023	Normal	<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	-	0.0002	-
	0089_SD363_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD363_240529	29 May 2024	Normal	<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	-
	0089_SD363_241218	18 Dec 2024	Normal	<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	-
	0089_SD363_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD363_250613	13 Jun 2025	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD363_250909	09 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD364	0089_QC102_221212	12 Dec 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC106_200330	30 Mar 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC113_230905	05 Sep 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC117_230607	07 Jun 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC202_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC206_200330	30 Mar 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC213_230905	05 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_230607	07 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD364_0.40-0.50_20	09 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_180413	13 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0002	0.0006	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD364_200330	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_230313	13 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_241218	18 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_250314	14 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD364_250909	09 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD367	0089_QC109_220905	05 Sep 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC110_220314	14 Mar 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC112_250313	13 Mar 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC114_220111	11 Jan 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC116_231213	13 Dec 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC209_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC210_220314	14 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC212_250313	12 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC214_220111	11 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC216_231213	13 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD367_0.40-0.50_20	31 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_180417	17 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0011	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD367_200109	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_240313	13 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD367_241217	17 Dec 2024	Normal	<0.0002	<0.0002	-	<0.0002	0.0003	-	<0.0002	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD367_250313	13 Mar 2025	Normal	<0.0002	<0.0002	<0.0002	<0.0002	0.0013	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD367_250912	12 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD368	0089_QC101_210315	15 Mar 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC117_221212	12 Dec 2022	Field_D	<0.0002	<0.0002	-	<0.0002	0.0009	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_QC201_210315	15 Mar 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD368_0.30-0.40_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD363_250909	09 Sep 2025	Normal	<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	-	<0.0002	-
SD364	0089_QC102_221212	12 Dec 2022	Field_D	<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	-	0.0002	-
	0089_QC106_200330	30 Mar 2020	Field_D	<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	-	<0.0002	-
	0089_QC113_230905	05 Sep 2023	Field_D	<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	-	<0.0002	-
	0089_QC117_230607	07 Jun 2023	Field_D	<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	-	<0.0002	-
	0089_QC202_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC206_200330	30 Mar 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC213_230905	05 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_230607	07 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD364_0.40-0.50_20	09 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD364_180413	13 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD364_200330	30 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD364_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD364_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD364_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD364_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD364_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD364_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD364_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD364_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD364_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD364_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD364_221212	12 Dec 2022	Normal	<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	-	0.0002	-
	0089_SD364_230313	13 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD364_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD364_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD364_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD364_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD364_240529	29 May 2024	Normal	<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	-
	0089_SD364_241218	18 Dec 2024	Normal	<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	-
	0089_SD364_250314	14 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD364_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD364_250909	09 Sep 2025	Normal	<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	-	<0.0002	-
SD367	0089_QC109_220905	05 Sep 2022	Field_D	<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	-	0.0011	-
	0089_QC110_220314	14 Mar 2022	Field_D	<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	-	0.0006	-
	0089_QC112_250313	13 Mar 2025	Field_D	<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	-	0.0011	-
	0089_QC114_220111	11 Jan 2022	Field_D	<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	-	0.0004	-
	0089_QC116_231213	13 Dec 2023	Field_D	<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	-	0.0003	-
	0089_QC209_220905	05 Sep 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC210_220314	14 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC212_250313	12 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC214_220111	11 Jan 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC216_231213	13 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD367_0.40-0.50_20	31 Mar 2020	Normal	<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	-	<0.0002	-
	0089_SD367_180417	17 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD367_200109	08 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD367_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD367_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD367_201215	15 Dec 2020	Normal	<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	-	0.0007	-
	0089_SD367_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD367_210609	09 Jun 2021	Normal	<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	-	0.0004	-
	0089_SD367_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD367_220111	11 Jan 2022	Normal	<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	-	0.0004	-
	0089_SD367_220314	14 Mar 2022	Normal	<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	-	0.0006	-
	0089_SD367_220607	07 Jun 2022	Normal	<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	-	0.0008	-
	0089_SD367_220905	05 Sep 2022	Normal	<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	-	0.0011	-
	0089_SD367_221212	13 Dec 2022	Normal	<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	-	0.0004	-
	0089_SD367_230314	14 Mar 2023	Normal	<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	-	0.0007	-
	0089_SD367_230607	07 Jun 2023	Normal	<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	-	0.0008	-
	0089_SD367_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD367_231213	13 Dec 2023	Normal	<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	-	0.0003	-
	0089_SD367_240313	13 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD367_240529	29 May 2024	Normal	<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	-
	0089_SD367_241217	17 Dec 2024	Normal	<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	-
	0089_SD367_250313	13 Mar 2025	Normal	<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	-	0.0013	-
	0089_SD367_250912	12 Sep 2025	Normal	<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	-	<0.0002	-
SD368	0089_QC101_210315	15 Mar 2021	Field_D	<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	-	<0.0002	-
	0089_QC117_221212	12 Dec 2022	Field_D	<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	-	0.0009	-
	0089_QC201_210315	15 Mar 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_221212	12 Dec 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD368_0.30-0.40_20	01 Apr 2020	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD368_180417	17 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0006	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD368_200109	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_200720	20 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_210610	10 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_220318	18 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_220608	08 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_220905	05 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_221212	12 Dec 2022	Normal	<0.0002	<0.0002	-	<0.0002	0.0009	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD368_230313	13 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_241217	17 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_250313	13 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD368_250912	12 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD369	0089_QC106_220607	07 Jun 2022	Field_D	<0.0002	<0.0002	-	<0.0002	0.0019	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_QC109_220314	14 Mar 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC113_230607	07 Jun 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC206_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	-	<0.0004	<0.0004	-	<0.0004	-	-	<0.0004	<0.0008	<0.0002	<0.0002	<0.0008	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	0089_QC209_220314	14 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC213_230607	07 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD369_0.40-0.50_20	09 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_0.40-0.50_20	31 Mar 2020	Normal	<0.0002	<0.0002	-	<0.0002	0.0005	-	<0.0002	-	-	<0.0002	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD369_180417	17 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0004	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD369_200715	15 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_200924	24 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_210316	16 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_220110	10 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_220607	07 Jun 2022	Normal	<0.0002	<0.0002	-	<0.0002	0.0021	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD369_220905	05 Sep 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD369_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_240313	13 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_240529	29 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_241217	17 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_250313	13 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_250613	13 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD369_250912	12 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD374	0089_QC102_200921	21 Sep 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC105_210315	15 Mar 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC107_200109	08 Jan 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC107_230606	06 Jun 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC202_200921	21 Sep 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC205_210315	15 Mar 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC207_200108	08 Jan 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC207_230606	06 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD374_0.40-0.50_20	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_180418	18 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD374_200109	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_200921	21 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_210610	10 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD368_180417	17 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD368_200109	08 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD368_200720	20 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD368_200922	22 Sep 2020	Normal	<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	-	0.0004	-
	0089_SD368_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD368_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD368_210610	10 Jun 2021	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0010	0.0010	-	0.0010	-
	0089_SD368_210901	01 Sep 2021	Normal	<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	-	0.0006	-
	0089_SD368_220111	11 Jan 2022	Normal	<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	-	0.0004	-
	0089_SD368_220318	18 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD368_220608	08 Jun 2022	Normal	<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	-	0.0005	-
	0089_SD368_220905	05 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD368_221212	12 Dec 2022	Normal	<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	-	0.0009	-
	0089_SD368_230313	13 Mar 2023	Normal	<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	-	0.0003	-
	0089_SD368_230607	07 Jun 2023	Normal	<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	-	0.0003	-
	0089_SD368_230905	05 Sep 2023	Normal	<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	-	0.0003	-
	0089_SD368_231213	13 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD368_240312	12 Mar 2024	Normal	<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	-	0.0002	-
	0089_SD368_240529	29 May 2024	Normal	<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	-
	0089_SD368_241217	17 Dec 2024	Normal	<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	-
	0089_SD368_250313	13 Mar 2025	Normal	<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	-	0.0002	-
	0089_SD368_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD368_250912	12 Sep 2025	Normal	<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	-	<0.0002	-
SD369	0089_QC106_220607	07 Jun 2022	Field_D	<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	-	0.0019	-
	0089_QC109_220314	14 Mar 2022	Field_D	<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	-	0.0006	-
	0089_QC113_230607	07 Jun 2023	Field_D	<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	-	<0.0002	-
	0089_QC206_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	-	<0.0004	-
	0089_QC209_220314	14 Mar 2022	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC213_230607	07 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD369_0.40-0.50_20	09 Jan 2020	Normal	<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	-	0.0006	-
	0089_SD369_0.40-0.50_20	31 Mar 2020	Normal	<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	-	0.0005	-
	0089_SD369_180417	17 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD369_200715	15 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD369_200924	24 Sep 2020	Normal	<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	-	0.0006	-
	0089_SD369_201215	15 Dec 2020	Normal	<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	-	0.0003	-
	0089_SD369_210316	16 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD369_210609	09 Jun 2021	Normal	<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	-	0.0003	-
	0089_SD369_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD369_220110	10 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD369_220314	14 Mar 2022	Normal	<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	-	0.0005	-
	0089_SD369_220607	07 Jun 2022	Normal	<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	-	0.0021	-
	0089_SD369_220905	05 Sep 2022	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0020	0.0020	-	0.0020	-
	0089_SD369_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD369_230314	14 Mar 2023	Normal	<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	-	0.0003	-
	0089_SD369_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD369_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD369_231213	13 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD369_240313	13 Mar 2024	Normal	<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	-	0.0002	-
	0089_SD369_240529	29 May 2024	Normal	<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	-
	0089_SD369_241217	17 Dec 2024	Normal	<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	-
	0089_SD369_250313	13 Mar 2025	Normal	<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	-	0.0003	-
	0089_SD369_250613	13 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD369_250912	12 Sep 2025	Normal	<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	-	<0.0002	-
SD374	0089_QC102_200921	21 Sep 2020	Field_D	<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	-	0.0003	-
	0089_QC105_210315	15 Mar 2021	Field_D	<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	-	<0.0002	-
	0089_QC107_200109	08 Jan 2020	Field_D	<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	-	<0.0002	-
	0089_QC107_230606	06 Jun 2023	Field_D	<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	-	0.0005	-
	0089_QC202_200921	21 Sep 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC205_210315	15 Mar 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC207_200108	08 Jan 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC207_230606	06 Jun 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD374_0.40-0.50_20	30 Mar 2020	Normal	<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	-	0.0003	-
	0089_SD374_180418	18 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD374_200109	08 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD374_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD374_200921	21 Sep 2020	Normal	<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	-	0.0002	-
	0089_SD374_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD374_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD374_210610	10 Jun 2021	Normal	<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	-	0.0004	-
	0089_SD374_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD374_220113	13 Jan 2022	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD374_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_220609	09 Jun 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD374_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_230606	06 Jun 2023	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD374_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_231212	12 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_241217	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_250310	10 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_250612	12 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD374_250916	16 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD375	0089_SD375_0.30-0.40_20	30 Mar 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_0.30_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_180418	18 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0012	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_SD375_200109	08 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_200921	21 Sep 2020	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD375_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_210610	10 Jun 2021	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD375_210901	01 Sep 2021	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD375_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_220609	09 Jun 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD375_220906	06 Sep 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD375_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_230606	06 Jun 2023	Normal	<0.0002	<0.0002	-	<0.0002	0.0030	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD375_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_231212	12 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_240311	11 Mar 2024	Normal	<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	0.0003	<0.0005	<0.0002	<0.0002
	0089_SD375_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_241217	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_250310	10 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_250612	12 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD375_250916	16 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD376	0089_SD376_180418	18 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0006	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
SD377	0089_QC1SD_180418	18 Apr 2018	Field_D	<0.0001	<0.0002	-	<0.0001	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_QC2SD_180418	18 Apr 2018	Interlab_D	<0.001	<0.001	-	<0.001	<0.001[#1]	-	<0.001	-	-	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	0089_SD377_180418	18 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
SD378	0089_QC103_230904	04 Sep 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC105_200921	21 Sep 2020	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC110_250612	12 Jun 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC111_231212	12 Dec 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC117_210610	10 Jun 2021	Field_D	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_QC203_230904	04 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC205_200921	21 Sep 2020	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC210_250612	11 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC211_231212	12 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_QC217_210610	10 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005	<0.005
	0089_SD378_0.30-0.40_20	30 Mar 2020	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD378_180417	17 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0003	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005	<0.0005
	0089_SD378_200109	08 Jan 2020	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD378_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_200921	21 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_201214	14 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_210610	10 Jun 2021	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD378_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_220113	13 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_220609	09 Jun 2022	Normal	<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	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD378_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_230606	06 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_231212	12 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_240311	11 Mar 2024	Normal	<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	0.0003	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD374_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD374_220609	09 Jun 2022	Normal	<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	-	0.0003	-
	0089_SD374_220906	06 Sep 2022	Normal	<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	-	0.0006	-
	0089_SD374_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD374_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD374_230606	06 Jun 2023	Normal	<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	-	0.0003	-
	0089_SD374_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD374_231212	12 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD374_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD374_240528	28 May 2024	Normal	<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	-
	0089_SD374_241217	19 Dec 2024	Normal	<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	-
	0089_SD374_250310	10 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD374_250612	12 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD374_250916	16 Sep 2025	Normal	<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	-	<0.0002	-
SD375	0089_SD375_0.30-0.40_20	30 Mar 2020	Normal	<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	-	0.0002	-
	0089_SD375_0.30_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD375_180418	18 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD375_200109	08 Jan 2020	Normal	<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	-	0.0006	-
	0089_SD375_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD375_200921	21 Sep 2020	Normal	<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	-	0.0003	-
	0089_SD375_210315	15 Mar 2021	Normal	<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	-	0.0002	-
	0089_SD375_210610	10 Jun 2021	Normal	<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	-	0.0004	-
	0089_SD375_210901	01 Sep 2021	Normal	<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	-	0.0004	-
	0089_SD375_220113	13 Jan 2022	Normal	<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	-	0.0002	-
	0089_SD375_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD375_220609	09 Jun 2022	Normal	<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	-	0.0003	-
	0089_SD375_220906	06 Sep 2022	Normal	<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	-	0.0003	-
	0089_SD375_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD375_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD375_230606	06 Jun 2023	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0030	0.0030	-	0.0030	-
	0089_SD375_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD375_231212	12 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD375_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD375_240528	28 May 2024	Normal	<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	-
	0089_SD375_241217	19 Dec 2024	Normal	<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	-
	0089_SD375_250310	10 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD375_250612	12 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD375_250916	16 Sep 2025	Normal	<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	-	<0.0002	-
SD376	0089_SD376_180418	18 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD377	0089_QC1SD_180418	18 Apr 2018	Field_D	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_QC2SD_180418	18 Apr 2018	Interlab_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	<0.05	<0.01	-	<0.005	-
	0089_SD377_180418	18 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD378	0089_QC103_230904	04 Sep 2023	Field_D	<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	-	<0.0002	-
	0089_QC105_200921	21 Sep 2020	Field_D	<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	-	<0.0002	-
	0089_QC110_250612	12 Jun 2025	Field_D	<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	-	<0.0002	-
	0089_QC111_231212	12 Dec 2023	Field_D	<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	-	<0.0002	-
	0089_QC117_210610	10 Jun 2021	Field_D	<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	-	0.0003	-
	0089_QC203_230904	04 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC205_200921	21 Sep 2020	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC210_250612	11 Jun 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC211_231212	12 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_210610	10 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD378_0.30-0.40_20	30 Mar 2020	Normal	<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	-	0.0004	-
	0089_SD378_180417	17 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD378_200109	08 Jan 2020	Normal	<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	-	0.0003	-
	0089_SD378_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD378_200921	21 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD378_201214	14 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD378_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD378_210610	10 Jun 2021	Normal	<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	-	0.0004	-
	0089_SD378_210901	01 Sep 2021	Normal	<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	-	0.0005	-
	0089_SD378_220113	13 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD378_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD378_220609	09 Jun 2022	Normal	<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	-	0.0003	-
	0089_SD378_220906	06 Sep 2022	Normal	<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	-	0.0002	-
	0089_SD378_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD378_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD378_230606	06 Jun 2023	Normal	<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	-	0.0002	-
	0089_SD378_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD378_231212	12 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD378_240311	11 Mar 2024	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD378_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_241217	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_250612	12 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD378_250916	16 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD379	0089_SD379_180417	17 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
SD380	0089_SD380_180419	19 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD380_200130	30 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_201216	16 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_231214	14 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_240527	27 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_241219	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_250312	12 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_250609	09 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD380_250911	11 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD381	0089_SD381_0.80-0.90_20	02 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_180419	19 Apr 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD381_200130	30 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_201216	16 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_221212	12 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_231214	14 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_240527	27 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_241219	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_250312	12 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_250609	09 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD381_250911	11 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD385	0089_SD385_180501	01 May 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD386	0089_SD386_180501	01 May 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD387	0089_SD387_180501	01 May 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD391	0089_SD391_180530	30 May 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD392	0089_SD392_180530	30 May 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD393	0089_SD393_180530	30 May 2018	Normal	<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	<0.0002	<0.005	<0.0005	<0.0005
SD401	0089_SD379_180419	19 Apr 2018	Normal	<0.0001	<0.0002	-	<0.0001	0.0002	-	<0.0001	-	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.005	<0.0005	<0.0005
	0089_SD401_0.80-0.90_20	02 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_200130	30 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_200923	23 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_201216	16 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_210608	08 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_210830	30 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_220111	11 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_220314	14 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD378_240528	28 May 2024	Normal	<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	-
	0089_SD378_241217	19 Dec 2024	Normal	<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	-
	0089_SD378_250612	12 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD378_250916	16 Sep 2025	Normal	<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	-	<0.0002	-
SD379	0089_SD379_180417	17 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD380	0089_SD380_180419	19 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD380_200130	30 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD380_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD380_200923	23 Sep 2020	Normal	<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	-	0.0002	-
	0089_SD380_201216	16 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD380_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD380_210608	08 Jun 2021	Normal	<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	-	0.0003	-
	0089_SD380_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD380_220111	11 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD380_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD380_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD380_220907	07 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD380_221212	12 Dec 2022	Normal	<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	-	0.0002	-
	0089_SD380_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD380_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD380_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD380_231214	14 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD380_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD380_240527	27 May 2024	Normal	<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	-
	0089_SD380_241219	19 Dec 2024	Normal	<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	-
	0089_SD380_250312	12 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD380_250609	09 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD380_250911	11 Sep 2025	Normal	<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	-	<0.0002	-
SD381	0089_SD381_0.80-0.90_20	02 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD381_180419	19 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD381_200130	30 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD381_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD381_200923	23 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD381_201216	16 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD381_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD381_210608	08 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD381_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD381_220111	11 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD381_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD381_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD381_220907	07 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD381_221212	12 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD381_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD381_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD381_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD381_231214	14 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD381_240311	11 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD381_240527	27 May 2024	Normal	<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	-
	0089_SD381_241219	19 Dec 2024	Normal	<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	-
	0089_SD381_250312	12 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD381_250609	09 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD381_250911	11 Sep 2025	Normal	<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	-	<0.0002	-
SD385	0089_SD385_180501	01 May 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD386	0089_SD386_180501	01 May 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD387	0089_SD387_180501	01 May 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD391	0089_SD391_180530	30 May 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD392	0089_SD392_180530	30 May 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD393	0089_SD393_180530	30 May 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
SD401	0089_SD379_180419	19 Apr 2018	Normal	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-
	0089_SD401_0.80-0.90_20	02 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD401_200130	30 Jan 2020	Normal	<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	-	0.0004	-
	0089_SD401_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD401_200923	23 Sep 2020	Normal	<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	-	0.0003	-
	0089_SD401_201216	16 Dec 2020	Normal	<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	-	0.0004	-
	0089_SD401_210317	17 Mar 2021	Normal	<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	-	0.0004	-
	0089_SD401_210608	08 Jun 2021	Normal	<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	-	0.0003	-
	0089_SD401_210830	30 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD401_220111	11 Jan 2022	Normal	<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	-	0.0002	-
	0089_SD401_220314	14 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD401_220607	07 Jun 2022	Normal	<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	-	0.0003	-
	0089_SD401_220907	07 Sep 2022	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD401_221212	12 Dec 2022	Normal	<0.0002	<0.0002	-	<0.0002	0.0015	-	<0.0002	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD401_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_230607	07 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_231214	14 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_240311	11 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_240527	27 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_241219	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_250312	12 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_250609	09 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD401_250911	11 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD405	0089_QC105_231211	11 Dec 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC107_240528	28 May 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC115_240312	12 Mar 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC116_210610	10 Jun 2021	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC205_231211	11 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC207_240528	28 May 2024	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC215_240312	12 Mar 2024	Interlab_D	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	0089_QC216_210610	10 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD405_200114	14 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_200401	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_200921	21 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_210610	10 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_220114	14 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_241217	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD405_250916	16 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD407	0089_QC114_220607	07 Jun 2022	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC214_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	-	<0.0004	<0.0004	-	<0.0004	-	-	<0.0004	<0.0008	<0.0002	<0.0002	<0.0008	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	0089_SD407_200114	14 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_200401	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_200402	02 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_200722	22 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_200921	21 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_210315	15 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_210610	10 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_220114	14 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_220907	07 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_230905	05 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_241217	19 Dec 2024	Normal	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD407_250310	10 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD407_250916	16 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD409	0089_QC108_230904	04 Sep 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC208_230904	04 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD409_200114	14 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_200401	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD401_221212	12 Dec 2022	Normal	<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	-	0.0015	-
	0089_SD401_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD401_230607	07 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD401_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD401_231214	14 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD401_240311	11 Mar 2024	Normal	<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	-	0.0002	-
	0089_SD401_240527	27 May 2024	Normal	<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	-
	0089_SD401_241219	19 Dec 2024	Normal	<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	-
	0089_SD401_250312	12 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD401_250609	09 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD401_250911	11 Sep 2025	Normal	<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	-	<0.0002	-
SD405	0089_QC105_231211	11 Dec 2023	Field_D	<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	-	<0.0002	-
	0089_QC107_240528	28 May 2024	Field_D	<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	-
	0089_QC115_240312	12 Mar 2024	Field_D	<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	-	<0.0002	-
	0089_QC116_210610	10 Jun 2021	Field_D	<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	-	0.0006	-
	0089_QC205_231211	11 Dec 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC207_240528	28 May 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_QC215_240312	12 Mar 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_QC216_210610	10 Jun 2021	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD405_200114	14 Jan 2020	Normal	<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	-	0.0003	-
	0089_SD405_200401	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD405_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD405_200921	21 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD405_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD405_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD405_210610	10 Jun 2021	Normal	<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	-	0.0003	-
	0089_SD405_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD405_220114	14 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD405_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD405_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD405_220907	07 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD405_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD405_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD405_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD405_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD405_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD405_240312	12 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD405_240528	28 May 2024	Normal	<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	-
	0089_SD405_241217	19 Dec 2024	Normal	<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	-
	0089_SD405_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD405_250916	16 Sep 2025	Normal	<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	-	<0.0002	-
SD407	0089_QC114_220607	07 Jun 2022	Field_D	<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	-	<0.0002	-
	0089_QC214_220607	07 Jun 2022	Interlab_D	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	-	<0.0004	-
	0089_SD407_200114	14 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD407_200401	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD407_200402	02 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD407_200722	22 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD407_200921	21 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD407_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD407_210315	15 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD407_210610	10 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD407_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD407_220114	14 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD407_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD407_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD407_220907	07 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD407_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD407_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD407_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD407_230905	05 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD407_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD407_240312	12 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD407_240528	28 May 2024	Normal	<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	-
	0089_SD407_241217	19 Dec 2024	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	-	<0.0002	-
	0089_SD407_250310	10 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD407_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD407_250916	16 Sep 2025	Normal	<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	-	<0.0002	-
SD409	0089_QC108_230904	04 Sep 2023	Field_D	<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	-	<0.0002	-
	0089_QC208_230904	04 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD409_200114	14 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD409_200401	01 Apr 2020	Normal	<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	-	<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 (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)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD409_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_210317	17 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_210610	10 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_210831	31 Aug 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_220114	14 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_221212	13 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_230314	14 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_231211	11 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_241217	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_250310	10 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD409_250916	16 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD411	0089_QC106_250311	11 Mar 2025	Field_D	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_QC111_230904	04 Sep 2023	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC117_240528	28 May 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC206_250311	10 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC211_230904	04 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_240528	28 May 2024	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD411_1.00-1.10_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_200114	14 Jan 2020	Normal	<0.0002	<0.0002	-	<0.0002	<0.0002	-	0.0004	-	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
	0089_SD411_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_210318	18 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_220114	14 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_221214	14 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD411_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD413	0089_QC118_240528	28 May 2024	Field_D	<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	<0.0005	<0.0002	<0.0002
	0089_QC218_240528	28 May 2024	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_SD413_0.60-0.70_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_200114	14 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_210318	18 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_220114	14 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_221214	14 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD409_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD409_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD409_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD409_210317	17 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD409_210610	10 Jun 2021	Normal	<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	-	0.0011	-
	0089_SD409_210831	31 Aug 2021	Normal	<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	-	<0.0002	-
	0089_SD409_220114	14 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD409_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD409_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD409_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD409_221212	13 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD409_230314	14 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD409_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD409_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD409_231211	11 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD409_240312	12 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD409_240528	28 May 2024	Normal	<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	-
	0089_SD409_241217	19 Dec 2024	Normal	<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	-
	0089_SD409_250310	10 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD409_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD409_250916	16 Sep 2025	Normal	<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	-	<0.0002	-
SD411	0089_QC106_250311	11 Mar 2025	Field_D	<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	-	<0.0002	-
	0089_QC111_230904	04 Sep 2023	Field_D	<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	-	<0.0002	-
	0089_QC117_240528	28 May 2024	Field_D	<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	-
	0089_QC206_250311	10 Mar 2025	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC211_230904	04 Sep 2023	Interlab_D	<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	<0.005	<0.005	<0.005
	0089_QC217_240528	28 May 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_SD411_1.00-1.10_20	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD411_200114	14 Jan 2020	Normal	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	<0.0002	-	<0.0002	-
	0089_SD411_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD411_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD411_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD411_210318	18 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD411_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD411_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD411_220114	14 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD411_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD411_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD411_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD411_221214	14 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD411_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD411_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD411_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD411_231213	13 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD411_240312	12 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD411_240528	28 May 2024	Normal	<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	-
	0089_SD411_241218	19 Dec 2024	Normal	<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	-
	0089_SD411_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD411_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD411_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD413	0089_QC118_240528	28 May 2024	Field_D	<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	-
	0089_QC218_240528	28 May 2024	Interlab_D	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.01	<0.005	<0.005	<0.05	-	<0.005	<0.005	<0.005
	0089_SD413_0.60-0.70_20	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD413_200114	14 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD413_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD413_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD413_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD413_210318	18 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD413_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD413_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD413_220114	14 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD413_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD413_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD413_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD413_221214	14 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD413_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD413_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD413_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD413_231213	13 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD413_240312	12 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD413_240528	28 May 2024	Normal	<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	-

				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 (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG	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	0.0002	0.0002	0.0002	0.0001	0.005	0.0001	0.0002	5	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Location Code	**Field ID**	**Date**	**Sample Type**																					
	0089_SD413_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD413_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
SD415	0089_SD415_0.50-0.60_20	01 Apr 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_200114	14 Jan 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_200721	21 Jul 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_200922	22 Sep 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_201215	15 Dec 2020	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_210318	18 Mar 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_210609	09 Jun 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_210901	01 Sep 2021	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_220114	14 Jan 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_220316	16 Mar 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_220607	07 Jun 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_220906	06 Sep 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_221214	14 Dec 2022	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_230315	15 Mar 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_230608	08 Jun 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_230904	04 Sep 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_231213	13 Dec 2023	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_240312	12 Mar 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_240528	28 May 2024	Normal	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_241218	19 Dec 2024	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_250311	11 Mar 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_250616	16 Jun 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002
	0089_SD415_250910	10 Sep 2025	Normal	<0.0002	<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	<0.0005	<0.0002	<0.0002

				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 (PFOSA)	Perfluorooctane sulfonamidoacetic acid (FOSAA)	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)*
				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				0.0004	0.0002	0.0005	0.0004	0.0002	0.0005	0.0002	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.005	0.0002	0.005
Location Code	**Field ID**	**Date**	**Sample Type**																	
	0089_SD413_241218	19 Dec 2024	Normal	<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	-
	0089_SD413_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD413_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD413_250910	10 Sep 2025	Normal	<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	-	<0.0002	-
SD415	0089_SD415_0.50-0.60_20	01 Apr 2020	Normal	<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	-	<0.0002	-
	0089_SD415_200114	14 Jan 2020	Normal	<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	-	<0.0002	-
	0089_SD415_200721	21 Jul 2020	Normal	<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	-	<0.0002	-
	0089_SD415_200922	22 Sep 2020	Normal	<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	-	<0.0002	-
	0089_SD415_201215	15 Dec 2020	Normal	<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	-	<0.0002	-
	0089_SD415_210318	18 Mar 2021	Normal	<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	-	<0.0002	-
	0089_SD415_210609	09 Jun 2021	Normal	<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	-	<0.0002	-
	0089_SD415_210901	01 Sep 2021	Normal	<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	-	<0.0002	-
	0089_SD415_220114	14 Jan 2022	Normal	<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	-	<0.0002	-
	0089_SD415_220316	16 Mar 2022	Normal	<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	-	<0.0002	-
	0089_SD415_220607	07 Jun 2022	Normal	<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	-	<0.0002	-
	0089_SD415_220906	06 Sep 2022	Normal	<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	-	<0.0002	-
	0089_SD415_221214	14 Dec 2022	Normal	<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	-	<0.0002	-
	0089_SD415_230315	15 Mar 2023	Normal	<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	-	<0.0002	-
	0089_SD415_230608	08 Jun 2023	Normal	<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	-	<0.0002	-
	0089_SD415_230904	04 Sep 2023	Normal	<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	-	<0.0002	-
	0089_SD415_231213	13 Dec 2023	Normal	<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	-	<0.0002	-
	0089_SD415_240312	12 Mar 2024	Normal	<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	-	<0.0002	-
	0089_SD415_240528	28 May 2024	Normal	<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	-
	0089_SD415_241218	19 Dec 2024	Normal	<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	-
	0089_SD415_250311	11 Mar 2025	Normal	<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	-	<0.0002	-
	0089_SD415_250616	16 Jun 2025	Normal	<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	-	<0.0002	-
	0089_SD415_250910	10 Sep 2025	Normal	<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	-	<0.0002	-

Appendix D

Tidal conditions

Area	Location	Field ID[1]	Sample date	Sample time	Nearest low tide[2]	Deviation[3] (+/- in hours and minutes)	Tide status[4]	Total PFAS Concentration (µg/L)	EC (µS/cm)	TDS (mg/L)	Sample composition[5]
Fire Training Area Pathway	0089_PW335	0089_PW335_231211	11/12/2023	9:16:00 AM	5:03:00 AM	+04:13	Incoming tide	0.01	57,446	-	Seawater
		0089_PW335_240311	11/03/2024	10:40:00 AM	3:00:00 PM	-04:20	Outgoing tide	0.01	64,770	-	Seawater
		0089_PW335_240529	29/05/2024	10:59:00 AM	11:30:00 PM	-12:31	Outgoing tide	<0.01	50,894	-	Seawater
		0089_PW335_241218	18/12/2024	2:26:00 PM	8:15:00 AM	+06:11	Incoming tide	0.02	58,794	38,168	Seawater
		0089_PW335_250314	14/03/2025	1:34:00 PM	3:14:00 PM	-01:40	Outgoing tide	<0.01	42,781	27,808	Seawater/groundwater mixture
		0089_PW335_250613	13/06/2025	8:54:00 AM	8:00:00 PM	-11:06	Outgoing tide	<0.01	52,693	34,244	Seawater
		0089_PW335_250909	9/09/2025	7:51:00 AM	5:09:00 AM	+02:42	Incoming tide	<0.01	50,531	32,829	Seawater
	0089_PW340	0089_PW340_231211	11/12/2023	10:27:00 AM	5:03:00 AM	+05:24	Incoming tide	0.02	58,710	-	Seawater
		0089_PW340_240311	11/03/2024	11:16:00 AM	3:00:00 PM	-03:44	Outgoing tide	0.02	64,338	-	Seawater
		0089_PW340_240529	29/05/2024	10:54:00 AM	10:25:00 PM (28/05/2024)	-11:31	Outgoing tide	0.04	46,755	-	Seawater
		0089_PW340_241218	18/12/2024	11:19:00 AM	8:15:00 AM	+03:04	Incoming tide	0.03	56,800	36,984	Seawater
		0089_PW340_250314	14/03/2025	1:33:00 PM	3:14:00 PM	-01:41	Outgoing tide	0.02	39,690	25,798	Seawater/groundwater mixture
		0089_PW340_250613	13/06/2025	11:25:00 AM	8:00:00 PM	-08:35	Outgoing tide	<0.01	53,724	34,918	Seawater
		0089_PW340_250909	9/09/2025	8:06:00 AM	5:09:00 AM	+02:57	Incoming tide	<0.01	49,717	32,405	Predominantly seawater
	0089_PW341	0089_PW341_231211	11/12/2023	11:44:00 AM	5:03:00 AM	+06:41	Incoming tide	0.02	58,720	-	Seawater
		0089_PW341_240311	11/03/2024	11:35:00 AM	3:00:00 PM	-03:25	Outgoing tide	0.01	59,968	-	Seawater
		0089_PW341_240529	29/05/2024	10:16:00 AM	10:25:00 PM (28/05/2024)	-12:09	Outgoing tide	<0.01	51,079	-	Seawater
		0089_PW341_241218	18/12/2024	10:14:00 AM	8:15:00 AM	+01:59	Incoming tide	0.02	56,020	36,474	Seawater
		0089_PW341_250314	14/03/2025	1:23:00 PM	3:14:00 PM	-01:51	Outgoing tide	<0.01	34,049	22,132	Seawater/groundwater mixture
		0089_PW341_250613	13/06/2025	11:26:00 AM	8:00:00 PM	-08:34	Outgoing tide	<0.01	53,161	34,553	Seawater
		0089_PW341_250909	9/09/2025	8:09:00 AM	5:09:00 AM	+03:00	Incoming tide	<0.01	51,662	33,250	Seawater
	0089_PW362	0089_PW362_25613	13/06/2025	11:35:00 AM	8:00:00 PM	-08:25	Outgoing tide	<0.01	52,744	34,285	Seawater
		0089_PW362_231211	11/12/2023	11:05:00 AM	5:03:00 AM	+06:02	Incoming tide	0.01	58,838	-	Seawater
		0089_PW362_240311	11/03/2024	11:36:00 AM	3:00:00 PM	-03:24	Outgoing tide	<0.01	61,366	-	Seawater
		0089_PW362_240529	29/05/2024	10:32:00 AM	10:25:00 PM (28/05/2024)	-11:53	Outgoing tide	<0.01	51,038	-	Seawater
		0089_PW362_241218	18/12/2024	10:45:00 AM	8:15:00 AM	+02:30	Incoming tide	0.02	55,869	36,344	Seawater
		0089_PW362_250314	14/03/2025	1:26:00 PM	3:14:00 PM	-01:48	Outgoing tide	<0.01	41,666	27,083	Seawater/groundwater mixture
		0089_PW362_250909	9/09/2025	8:17:00 AM	5:09:00 AM	+03:08	Incoming tide	<0.01	52,125	33,880	Seawater
	0089_PW363	0089_PW363_231211	11/12/2023	12:07:00 PM	5:03:00 AM	+07:04	Incoming tide	0.02	59,625	-	Seawater
		0089_PW363_240311	11/03/2024	11:26:00 AM	3:00:00 PM	-03:34	Outgoing tide	<0.01	62,119	-	Seawater
		0089_PW363_240529	29/05/2024	10:14:00 AM	10:25:00 PM (28/05/2024)	-12:11	Outgoing tide	0.03	51,007	-	Seawater
		0089_PW363_241218	18/12/2024	9:26:00 AM	8:15:00 AM	+01:11	Incoming tide	0.02	56,046	36,512	Seawater
		0089_PW363_250314	14/03/2025	1:18:00 PM	3:14:00 PM	-01:56	Outgoing tide	<0.01	33,879	22,021	Seawater/groundwater mixture
		0089_PW363_250613	13/06/2025	11:36:00 AM	8:00:00 PM	-08:24	Outgoing tide	<0.01	54,083	35,141	Seawater
		0089_PW363_250909	9/09/2025	7:46:00 AM	5:09:00 AM	+02:37	Incoming tide	<0.01	50,590	32,945	Predominantly seawater
	0089_PW364	0089_PW364_231211	11/12/2023	9:50:00 AM	5:03:00 AM	+04:47	Incoming tide	0.01	57,845	-	Seawater
		0089_PW364_240311	11/03/2024	11:04:00 AM	3:00:00 PM	-03:56	Outgoing tide	0.02	65,187	-	Seawater
		0089_PW364_240529	29/05/2024	10:44:00 AM	10:25:00 PM (28/05/2024)	-11:41	Outgoing tide	0.02	51,294	-	Seawater
		0089_PW364_240909	9/09/2025	3:46:00 PM	4:47:00 PM	-01:01	Outgoing tide	<0.002	50,250	32,668	Predominantly seawater
		0089_PW364_241218	18/12/2024	11:49:00 AM	8:15:00 AM	+03:34	Incoming tide	0.01	57,122	37,158	Seawater
		0089_PW364_250314	14/03/2025	1:31:00 PM	3:14:00 PM	-01:43	Outgoing tide	<0.01	45,434	29,532	Seawater/groundwater mixture
		0089_PW364_250613	13/06/2025	11:38:00 AM	8:00:00 PM	-08:22	Outgoing tide	<0.01	54,183	35,218	Seawater
Demolition Ground Pathway	0089_PW329	0089_PW329_231219	19/12/2023	12:33:00 PM	10:18:00 AM	+02:15	Incoming tide	<0.01	56,196	-	Seawater
		0089_PW329_240311	11/03/2024	12:30:00 PM	3:00:00 PM	-02:30	Outgoing tide	<0.01	56,464	-	Seawater
		0089_PW329_240528	28/05/2024	10:23:00 AM	10:25:00 PM	-12:02	Outgoing tide	<0.01	53,188	-	Seawater
		0089_PW329_250114	14/01/2025	11:24:00 AM	6:48:00 AM	+04:36	Incoming tide	<0.01	58,757	38,200	Seawater
		0089_PW329_250314	14/03/2025	8:57:00 AM	4:30:00 AM	+04:27	Incoming tide	<0.01	59,490	38,679	Seawater
		0089_PW329_250611	11/06/2025	2:36:00 PM	6:47:00 PM	-04:11	Outgoing tide	<0.01	57,163	33,678	Seawater
		0089_PW329_250923	23/09/2025	8:06:00 AM	4:20:00 AM	+03:46	Incoming tide	<0.01	-	-	-
	0089_PW330	0089_PW330_231219	19/12/2023	12:29:00 PM	10:18:00 AM	+02:11	Incoming tide	<0.01	56,600	-	Seawater
		0089_PW330_240311	11/03/2024	12:25:00 PM	3:00:00 PM	-02:35	Outgoing tide	<0.01	56,570	-	Seawater
		0089_PW330_240528	28/05/2024	10:25:00 AM	10:25:00 PM	-12:00	Outgoing tide	<0.01	53,260	-	Seawater
		0089_PW330_250114	14/01/2025	1:50:00 PM	6:48:00 AM	+07:02	Incoming tide	<0.01	58,256	38,880	Seawater
		0089_PW330_250314	14/03/2025	9:52:00 AM	4:30:00 AM	+05:22	Incoming tide	<0.01	58,189	37,797	Seawater
		0089_PW330_250611	11/06/2025	2:36:00 PM	6:47:00 PM	-04:11	Outgoing tide	<0.01	53,829	34,988	Seawater
		0089_PW330_250923	23/09/2025	8:29:00 AM	4:20:00 AM	+04:09	Incoming tide	<0.01	-	-	-
	0089_PW331	0089_PW331_231219	19/12/2023	12:28:00 PM	10:18:00 AM	+02:10	Incoming tide	<0.01	61,451	-	Seawater
		0089_PW331_240311	11/03/2024	12:26:00 PM	3:00:00 PM	-02:34	Outgoing tide	<0.01	57,415	-	Seawater
		0089_PW331_240528	28/05/2024	10:27:00 AM	10:25:00 PM	-11:58	Outgoing tide	<0.01	53,767	-	Seawater
		0089_PW331_250114	14/01/2025	2:32:00 PM	6:48:00 AM	+07:44	Incoming tide	<0.01	57,984	37,657	Seawater
		0089_PW331_250314	14/03/2025	10:07:00 AM	3:14:00 PM	-05:07	Outgoing tide	<0.01	58,893	38,276	Seawater
		0089_PW331_250611	11/06/2025	2:35:00 PM	6:47:00 PM	-04:12	Outgoing tide	<0.01	52,267	33,973	Seawater
		0089_PW331_250923	23/09/2025	8:11:00 AM	4:20:00 AM	+03:51	Incoming tide	<0.01	-	-	-
	0089_PW356	0089_PW356_231219	19/12/2023	12:32:00 PM	10:18:00 AM	+02:14	Incoming tide	<0.01	63,906	-	Seawater
		0089_PW356_240311	11/03/2024	12:30:00 PM	3:00:00 PM	-02:30	Outgoing tide	<0.01	56,450	-	Seawater
		0089_PW356_240528	28/05/2024	10:26:00 AM	10:25:00 PM	-11:59	Outgoing tide	0.02	51,660	-	Seawater
		0089_PW356_250114	14/01/2025	2:49:00 PM	6:48:00 AM	+08:01	Incoming tide	<0.01	57,739	37,531	Seawater
		0089_PW356_250314	14/03/2025	3:00:00 PM	3:14:00 PM	-00:14	Low tide	<0.01	57,947	37,608	Seawater
		0089_PW356_250611	11/06/2025	2:34:00 PM	6:47:00 PM	-04:13	Outgoing tide	<0.01	53,691	34,923	Seawater
		0089_PW356_250923	23/09/2025	7:59:00 AM	4:20:00 AM	+03:39	Incoming tide	<0.01	58,710	-	Seawater
	0089_PW357	0089_PW357_231219	19/12/2023	12:30:00 PM	10:18:00 AM	+02:12	Incoming tide	<0.01	59,463	-	Seawater
		0089_PW357_240311	11/03/2024	12:32:00 PM	3:00:00 PM	-02:28	Outgoing tide	0.01	56,625	-	Seawater
		0089_PW357_240528	28/05/2024	10:24:00 AM	10:25:00 PM	-12:01	Outgoing tide	<0.01	53,647	-	Seawater
		0089_PW357_250114	14/01/2025	2:13:00 PM	6:48:00 AM	+07:25	Incoming tide	<0.01	58,087	37,738	Seawater
		0089_PW357_250314	14/03/2025	9:58:00 AM	3:14:00 PM	-05:16	Outgoing tide	<0.01	63,354	41,152	Seawater
		0089_PW357_250611	11/06/2025	2:33:00 PM	6:47:00 PM	-04:14	Outgoing tide	<0.01	53,671	34,896	Seawater
		0089_PW357_250923	23/09/2025	8:26:00 AM	4:20:00 AM	+04:06	Incoming tide	<0.01	-	-	-
	0089_PW358	0080_PW358_250314	14/03/2025	9:06:00 AM	4:30:00 AM	+04:36	Incoming tide	<0.01	58,657	-	Seawater
		0089_PW358_231219	19/12/2023	12:27:00 PM	10:18:00 AM	+02:09	Incoming tide	<0.01	56,798	-	Seawater
		0089_PW358_240311	11/03/2024	12:29:00 PM	3:00:00 PM	-02:31	Outgoing tide	<0.01	54,064	-	Seawater
		0089_PW358_240528	28/05/2024	10:23:00 AM	10:25:00 PM	-12:02	Outgoing tide	<0.01	58,044	37,770	Seawater
		0089_PW358_250114	14/01/2025	12:32:00 PM	6:48:00 AM	+05:44	Incoming tide	<0.01	56,570	36,763	Seawater
		0089_PW358_250611	11/06/2025	2:32:00 PM	6:47:00 PM	-04:15	Outgoing tide	<0.01	53,785	34,960	Seawater
		0089_PW358_250923	23/09/2025	8:30:00 AM	4:20:00 AM	+04:10	Incoming tide	<0.01	-	-	-
	0089_PW304	0089_PW304_231213	13/12/2023	9:41:00 AM	6:21:00 AM	+03:20	Incoming tide	<0.01	18,257	-	Seawater/groundwater mixture
		0089_PW304_240312	12/03/2024	9:57:00 AM	5:14:00 AM	+04:43	Incoming tide	0.04	58,660	-	Seawater
		0089_PW304_240529	29/05/2024	10:13:00 AM	10:25:00 PM (28/05/2024)	-12:12	Outgoing tide	0.06	50,037	-	Seawater
		0089_PW304_241217	17/12/2024	12:54:00 PM	7:44:00 AM	+05:10	Incoming tide	0.05	45,830	29,761	Seawater/groundwater mixture
		0089_PW304_250313	13/03/2025	2:10:00 PM	2:17:00 PM	-00:07	Low tide	0.05	4,180	2,708	Seawater/groundwater mixture
		0089_PW304_250613	13/06/2025	3:28:00 PM	8:00:00 PM	-04:32	Outgoing tide	<0.01	54,588	35,467	Seawater
		0089_PW304_250912	12/09/2025	3:58:00 PM	12:17:00 PM	+03:41	Incoming tide	<0.01	30,748	19,959	Seawater/groundwater mixture
	0089_PW345	0089_PW345_231213	13/12/2023	9:40:00 AM	6:21:00 AM	+03:19	Incoming tide	0.03	63,070	-	Seawater
		0089_PW345_240313	13/03/2024	8:15:00 AM	4:11:00 AM	+04:04	Incoming tide	0.01	55,023	-	Seawater
		0089_PW345_240529	29/05/2024	8:24:00 AM	10:25:00 PM (28/05/2024)	-14:01	Outgoing tide	<0.01	45,007	-	Predominantly seawater
		0089_PW345_241217	17/12/2024	10:46:00 AM	7:44:00 AM	+03:02	Incoming tide	0.04	63,008	40,972	Seawater

WWTP Pathway		0089_PW345_250313	13/03/2025	10:05:00 AM	2:17:00 PM	-04:12	Outgoing tide	0.02	14,004	9,089	Seawater/groundwater mixture
		0089_PW345_250613	13/06/2025	1:15:00 PM	8:00:00 PM	-06:45	Outgoing tide	<0.01	54,600	35,487	Seawater
		0089_PW345_250912	12/09/2025	3:03:00 PM	12:17:00 PM	+02:46	Incoming tide	<0.01	51,663	33,653	Seawater
	0089_PW350	0089_PW350_231214	14/12/2023	7:41:00 AM	7:04:00 AM	+00:37	Low tide	<0.01	28,940	-	Seawater/groundwater mixture
		0089_PW350_240311	11/03/2024	7:44:00 AM	5:15:00 AM	+02:29	Incoming tide	<0.01	55,116	-	Seawater
		0089_PW350_240527	27/05/2024	2:46:00 PM	9:32:00 PM	-06:46	Outgoing tide	<0.01	54,119	-	Seawater
		0089_PW350_241219	19/12/2024	2:44:00 PM	8:38:00 AM	+06:06	Incoming tide	0.02	-	-	-
		0089_PW350_250312	12/03/2025	2:36:00 PM	1:15:00 PM	+01:21	Incoming tide	<0.01	55,419	36,036	Seawater
		0089_PW350_250609	9/06/2025	10:18:00 AM	5:45:00 PM	-07:27	Outgoing tide	0.04	55,743	36,258	Seawater
		0089_PW350_250911	11/09/2025	8:40:00 PM	3:53:00 PM	+04:47	Incoming tide	<0.01	53,081	34,511	Seawater
	0089_PW351	0089_PW351_231214	14/12/2023	7:35:00 AM	7:04:00 AM	+00:31	Low tide	<0.01	54,685	-	Seawater
		0089_PW351_240311	11/03/2024	7:48:00 AM	5:15:00 AM	+02:33	Incoming tide	<0.01	54,949	-	Seawater
		0089_PW351_241219	19/12/2024	2:38:00 PM	8:38:00 AM	+06:00	Incoming tide	<0.01	53,142	31,729	Predominantly seawater
		0089_PW351_250312	12/03/2025	2:38:00 PM	1:15:00 PM	+01:23	Incoming tide	<0.01	55,677	36,200	Seawater
		0089_PW351_250609	9/06/2025	12:14:00 PM	5:45:00 PM	-05:31	Outgoing tide	<0.01	54,924	35,742	Seawater
		0089_PW351_250911	11/09/2025	8:44:00 PM	3:53:00 PM	+04:51	Incoming tide	<0.01	52,980	34,453	Seawater
	0089_PW352	0089_PW352_231214	14/12/2023	7:35:00 AM	7:04:00 AM	+00:31	Low tide	0.04	54,565	-	Seawater
		0089_PW352_240311	11/03/2024	7:51:00 AM	5:15:00 AM	+02:36	Incoming tide	<0.01	54,305	-	Seawater
		0089_PW352_240527	27/05/2024	2:46:00 PM	9:32:00 PM	-06:46	Outgoing tide	<0.01	53,471	-	Seawater
		0089_PW352_241219	19/12/2024	2:46:00 PM	8:38:00 AM	+06:08	Incoming tide	<0.01	53,891	32,145	Predominantly seawater
		0089_PW352_250312	12/03/2025	2:42:00 PM	1:15:00 PM	+01:27	Incoming tide	<0.01	55,622	-	Seawater
		0089_PW352_250609	9/06/2025	1:18:00 PM	5:45:00 PM	-04:27	Outgoing tide	<0.01	55,578	36,135	Seawater
		0089_PW352_250911	11/09/2025	2:58:00 PM	3:53:00 PM	-00:55	Low tide	<0.01	52,858	34,410	Seawater
	0089_PW367	0089_PW367_231213	13/12/2023	9:18:00 AM	6:21:00 AM	+02:57	Incoming tide	0.02	59,222	-	Seawater
		0089_PW367_240313	13/03/2024	8:16:00 AM	4:11:00 AM	+04:05	Incoming tide	0.1	53,694	-	Seawater
		0089_PW367_240529	29/05/2024	8:29:00 AM	10:25:00 PM (28/05/2024)	-13:56	Outgoing tide	<0.01	44,793	-	Predominantly seawater
		0089_PW367_241217	17/12/2024	11:25:00 AM	7:44:00 AM	+03:41	Incoming tide	0.03	55,261	35,941	Seawater
		0089_PW367_250313	13/03/2025	10:29:00 AM	2:17:00 PM	-03:48	Outgoing tide	0.1	7,711	5,018	Seawater/groundwater mixture
		0089_PW367_250912	12/09/2025	3:15:00 PM	12:17:00 PM	+02:58	Incoming tide	0.01	47,593	30,916	Seawater/groundwater mixture
	0089_PW368	0089_PW368_231213	13/12/2023	9:42:00 AM	6:21:00 AM	+03:21	Incoming tide	0.08	61,798	-	Seawater
		0089_PW368_240312	12/03/2024	9:32:00 AM	5:14:00 AM	+04:18	Incoming tide	0.1	60,884	-	Seawater
		0089_PW368_240529	29/05/2024	10:09:00 AM	10:25:00 PM (28/05/2024)	-12:16	Outgoing tide	0.03	49,983	-	Seawater
		0089_PW368_241217	17/12/2024	12:52:00 PM	7:44:00 AM	+05:08	Incoming tide	0.03	50,455	32,814	Predominantly seawater
		0089_PW368_250313	13/03/2025	12:45:00 PM	2:17:00 PM	-01:32	Outgoing tide	0.03	1,229	799	Groundwater
		0089_PW368_250613	13/06/2025	3:28:00 PM	8:00:00 PM	-04:32	Outgoing tide	0.03	39,098	25,359	Seawater/groundwater mixture
		0089_PW368_250912	12/09/2025	3:16:00 PM	12:17:00 PM	+02:59	Incoming tide	0.02	31,919	20,757	Seawater/groundwater mixture
	0089_PW369	0089_PW369_231213	13/12/2023	10:04:00 AM	6:21:00 AM	+03:43	Incoming tide	0.02	45,264	-	Predominantly seawater
		0089_PW369_240313	13/03/2024	8:17:00 AM	4:11:00 AM	+04:06	Incoming tide	0.02	53,701	-	Seawater
		0089_PW369_240529	29/05/2024	8:24:00 AM	10:25:00 PM (28/05/2024)	-14:01	Outgoing tide	0.03	53,426	-	Seawater
		0089_PW369_241217	17/12/2024	9:36:00 AM	7:44:00 AM	+01:52	Incoming tide	0.05	55,559	36,186	Seawater
		0089_PW369_250313	13/03/2025	9:43:00 AM	2:17:00 PM	-04:34	Outgoing tide	0.05	12,567	8,201	Seawater/groundwater mixture
		0089_PW369_250613	13/06/2025	1:14:00 PM	8:00:00 PM	-06:46	Outgoing tide	0.01	20,572	13,369	Seawater/groundwater mixture
		0089_PW369_250912	12/09/2025	3:07:00 PM	12:17:00 PM	+02:50	Incoming tide	0.01	52,430	33,828	Seawater
	0089_PW380	0089_PW380_231214	14/12/2023	7:37:00 AM	7:04:00 AM	+00:33	Low tide	<0.01	54,969	-	Seawater
		0089_PW380_240311	11/03/2024	7:47:00 AM	5:15:00 AM	+02:32	Incoming tide	<0.01	54,912	-	Seawater
		0089_PW380_240527	27/05/2024	2:48:00 PM	9:32:00 PM	-06:44	Outgoing tide	<0.01	53,419	-	Seawater
		0089_PW380_241219	19/12/2024	2:29:00 PM	8:38:00 AM	+05:51	Incoming tide	0.01	53,670	34,761	Seawater
		0089_PW380_250312	12/03/2025	2:43:00 PM	1:15:00 PM	+01:28	Incoming tide	<0.01	55,576	36,128	Seawater
		0089_PW380_250609	9/06/2025	11:53:00 AM	5:45:00 PM	-05:52	Outgoing tide	0.01	50,938	33,551	Seawater
		0089_PW380_250911	11/09/2025	8:54:00 PM	3:53:00 PM	+05:01	Incoming tide	<0.01	53,282	35,609	Seawater
	0089_PW381	0089_PW381_231214	14/12/2023	7:34:00 AM	7:04:00 AM	+00:30	Low tide	<0.01	54,571	-	Seawater
		0089_PW381_240311	11/03/2024	7:49:00 AM	5:15:00 AM	+02:34	Incoming tide	<0.01	55,233	-	Seawater
		0089_PW381_240527	27/05/2024	2:45:00 PM	9:32:00 PM	-06:47	Outgoing tide	<0.01	53,945	-	Seawater
		0089_PW381_241219	19/12/2024	2:34:00 PM	8:38:00 AM	+05:56	Incoming tide	<0.01	54,208	34,712	Seawater
		0089_PW381_250312	12/03/2025	2:38:00 PM	1:15:00 PM	+01:23	Incoming tide	<0.01	-	-	-
		0089_PW381_250609	9/06/2025	12:58:00 PM	5:45:00 PM	-04:47	Outgoing tide	<0.01	54,777	35,688	Seawater
		0089_PW381_250911	11/09/2025	3:56:00 PM	3:53:00 PM	+00:03	Low tide	<0.01	52,857	34,504	Seawater
	0089_PW401	0089_PW401_231214	14/12/2023	7:39:00 AM	7:04:00 AM	+00:35	Low tide	<0.01	54,809	-	Seawater
		0089_PW401_240311	11/03/2024	7:45:00 AM	5:15:00 AM	+02:30	Incoming tide	<0.01	55,092	-	Seawater
		0089_PW401_240527	27/05/2024	2:47:00 PM	9:32:00 PM	-06:45	Outgoing tide	<0.01	54,022	-	Seawater
		0089_PW401_241219	19/12/2024	2:41:00 PM	8:38:00 AM	+06:03	Incoming tide	0.01	54,144	35,216	Seawater
		0089_PW401_250312	12/03/2025	2:40:00 PM	1:15:00 PM	+01:25	Incoming tide	<0.01	55,654	36,182	Seawater
		0089_PW401_250609	9/06/2025	11:14:00 AM	5:45:00 PM	-06:31	Outgoing tide	0.02	54,555	35,436	Seawater
		0089_PW401_250911	11/09/2025	7:44:00 AM	6:27:00 AM	+01:17	Incoming tide	<0.01	52,428	34,127	Seawater
	0089_PW306	0089_PW306_231211	11/12/2023	1:45:00 PM	5:03:00 AM	+08:42	Incoming tide	0.05	65,173	-	Seawater
		0089_PW306_240311	11/03/2024	10:31:00 AM	3:00:00 PM	-04:29	Outgoing tide	<0.01	55,730	-	Seawater
		0089_PW306_240528	28/05/2024	10:50:00 AM	10:25:00 PM	-11:35	Outgoing tide	<0.01	53,040	-	Seawater
		0089_PW306_241218	18/12/2024	11:36:00 AM	8:15:00 AM	+03:21	Incoming tide	<0.01	51,521	31,178	Predominantly seawater
		0089_PW306_250311	11/03/2025	9:43:00 AM	4:37:00 AM	+05:06	Incoming tide	<0.01	55,729	36,242	Seawater
		0089_PW306_250616	16/06/2025	8:56:00 AM	9:12:00 PM (15/6/2025)	-12:16	Outgoing tide	<0.01	53,864	35,019	Seawater
		0089_PW306_250910	10/09/2025	8:38:00 PM	4:12:00 PM	+04:26	Incoming tide	<0.01	52,628	34,228	Seawater
	0089_PW307	0089_PW307_231211	11/12/2023	2:07:00 PM	5:03:00 AM	+09:04	Incoming tide	<0.01	55,955	-	Seawater
		0089_PW307_240311	11/03/2024	10:41:00 AM	3:00:00 PM	-04:19	Outgoing tide	<0.01	55,338	-	Seawater
		0089_PW307_240528	28/05/2024	10:46:00 AM	10:25:00 PM	-11:39	Outgoing tide	0.01	53,400	-	Seawater
		0089_PW307_250311	11/03/2025	10:09:00 AM	4:37:00 AM	+05:32	Incoming tide	<0.01	55,379	36,025	Seawater
		0089_PW307_250616	16/06/2025	10:58:00 AM	9:45:00 PM	-10:47	Outgoing tide	<0.01	53,742	34,927	Seawater
		0089_PW307_250910	10/09/2025	2:50:00 PM	4:12:00 PM	-01:22	Outgoing tide	<0.01	52,636	34,215	Seawater
	0089_PW308	0089_PW308_231211	11/12/2023	2:21:00 PM	5:03:00 AM	+09:18	Incoming tide	<0.01	56,259	-	Seawater
		0089_PW308_240311	11/03/2024	10:44:00 AM	3:00:00 PM	-04:16	Outgoing tide	<0.01	55,432	-	Seawater
		0089_PW308_240528	28/05/2024	10:43:00 AM	10:25:00 PM	-11:42	Outgoing tide	<0.01	54,204	-	Seawater
		0089_PW308_250311	11/03/2025	11:07:00 AM	4:37:00 AM	+06:30	Incoming tide	<0.01	55,589	30,164	Predominantly seawater
		0089_PW308_250616	16/06/2025	12:08:00 PM	9:45:00 PM	-09:37	Outgoing tide	<0.01	53,360	34,659	Seawater
		0089_PW308_250910	10/09/2025	3:10:00 PM	4:12:00 PM	-01:02	Outgoing tide	<0.01	52,751	34,287	Seawater
	0089_PW314	0089_PW314_231211	11/12/2023	1:51:00 PM	5:03:00 AM	+08:48	Incoming tide	<0.01	55,742	-	Seawater
		0089_PW314_240311	11/03/2024	10:30:00 AM	3:00:00 PM	-04:30	Outgoing tide	<0.01	55,377	-	Seawater
		0089_PW314_240528	28/05/2024	10:51:00 AM	10:25:00 PM	-11:34	Outgoing tide	<0.01	53,028	-	Seawater
		0089_PW314_250311	11/03/2025	9:43:00 AM	4:37:00 AM	+05:06	Incoming tide	<0.01	55,611	36,455	Seawater
		0089_PW314_250910	10/09/2025	3:05:00 PM	4:12:00 PM	-01:07	Outgoing tide	<0.01	52,885	34,489	Seawater
	0089_PW315	0089_PW315_231211	11/12/2023	2:01:00 PM	5:03:00 AM	+08:58	Incoming tide	<0.01	55,853	-	Seawater
		0089_PW315_240311	11/03/2024	10:35:00 AM	3:00:00 PM	-04:25	Outgoing tide	<0.01	55,559	-	Seawater
		0089_PW315_240528	28/05/2024	10:45:00 AM	10:25:00 PM	-11:40	Outgoing tide	<0.01	53,040	-	Seawater
		0089_PW315_250311	11/03/2025	10:02:00 AM	4:37:00 AM	+05:25	Incoming tide	<0.01	42,529	27,644	Seawater/groundwater mixture
		0089_PW315_250616	16/06/2025	5:05:00 PM	9:45:00 PM	-04:40	Outgoing tide	<0.01	54,041	35,131	Seawater
		0089_PW315_250910	10/09/2025	8:37:00 PM	4:12:00 PM	+04:25	Incoming tide	<0.01	52,548	34,150	Seawater
	0089_PW316	0089_PW316_231211	11/12/2023	2:19:00 PM	5:03:00 AM	+09:16	Incoming tide	<0.01	52,299	-	Seawater
		0089_PW316_240311	11/03/2024	10:42:00 AM	3:00:00 PM	-04:18	Outgoing tide	<0.01	52,179	-	Seawater
		0089_PW316_250311	11/03/2025	10:48:00 AM	4:37:00 AM	+06:11	Incoming tide	<0.01	55,750	36,252	Seawater
		0089_PW316_250616	16/06/2025	11:37:00 AM	9:45:00 PM	-10:08	Outgoing tide	<0.01	53,060	34,490	Seawater

HSF Pathway	0089_PW405	0089_PW316_250910	10/09/2025	3:48:00 PM	4:12:00 PM	-00:24	Low tide	<0.01	52,348	34,259	Seawater
		0089_PW405_231211	11/12/2023	9:28:00 AM	5:03:00 AM	+04:25	Incoming tide	<0.01	57,260	-	Seawater
		0089_PW405_240312	12/03/2024	9:28:00 AM	5:14:00 AM	+04:14	Incoming tide	<0.01	54,461	-	Seawater
		0089_PW405_240528	28/05/2024	9:03:00 AM	9:32:00 PM (27/05/2024)	-12:29	Outgoing tide	<0.01	49,997	-	Predominantly seawater
		0089_PW405_241217	17/12/2024	1:20:00 PM	7:44:00 AM	+05:36	Incoming tide	1.26	47,770	-	Predominantly seawater
		0089_PW405_250310	10/03/2025	2:45:00 PM	4:15:00 AM	+10:30	Incoming tide	5.03	15,755	10,202	Seawater/groundwater mixture
		0089_PW405_250616	16/06/2025	4:39:00 PM	9:45:00 PM	-05:06	Outgoing tide	<0.01	53,269	34,622	Seawater
		0089_PW405_250916	16/09/2025	11:21:00 AM	3:04:00 PM	-03:43	Outgoing tide	<0.01	48,845	31,666	Predominantly seawater
	0089_PW407	0089_PW407_231211	11/12/2023	10:48:00 AM	5:03:00 AM	+05:45	Incoming tide	<0.01	59,916	-	Seawater
		0089_PW407_240312	12/03/2024	9:30:00 AM	5:14:00 AM	+04:16	Incoming tide	<0.01	41,297	-	Predominantly seawater
		0089_PW407_240528	28/05/2024	9:09:00 AM	9:32:00 PM (27/05/2024)	-12:23	Outgoing tide	<0.01	49,547	-	Predominantly seawater
		0089_PW407_241217	17/12/2024	1:45:00 PM	7:44:00 AM	+06:01	Incoming tide	0.14	54,550	35,443	Seawater
		0089_PW407_250310	10/03/2025	2:46:00 PM	4:15:00 AM	+10:31	Incoming tide	<0.01	54,522	35,408	Seawater
		0089_PW407_250616	16/06/2025	4:19:00 PM	9:45:00 PM	-05:26	Outgoing tide	0.24	53,852	34,974	Seawater
		0089_PW407_250916	16/09/2025	11:20:00 AM	3:04:00 PM	-03:44	Outgoing tide	<0.01	43,890	28,444	Seawater/groundwater mixture
	0089_PW409	0089_PW409_231211	11/12/2023	11:55:00 AM	5:03:00 AM	+06:52	Incoming tide	<0.01	63,877	-	Seawater
		0089_PW409_240312	12/03/2024	10:17:00 AM	5:14:00 AM	+05:03	Incoming tide	<0.01	56,515	-	Seawater
		0089_PW409_240528	28/05/2024	10:21:00 AM	10:25:00 PM	-12:04	Outgoing tide	0.01	50,047	-	Seawater
		0089_PW409_241217	17/12/2024	2:44:00 PM	7:44:00 AM	+07:00	Incoming tide	<0.01	5,530	35,840	Seawater (based on TDS)
		0089_PW409_250310	10/03/2025	2:48:00 PM	4:15:00 AM	+10:33	Incoming tide	<0.01	44,789	29,080	Predominantly seawater
		0089_PW409_250616	16/06/2025	3:32:00 PM	9:45:00 PM	-06:13	Outgoing tide	<0.01	52,604	34,184	Seawater
		0089_PW409_250916	16/09/2025	12:27:00 PM	3:04:00 PM	-02:37	Outgoing tide	<0.01	52,662	33,998	Seawater
	0089_PW411	0089_PW411_231213	13/12/2023	10:32:00 AM	6:21:00 AM	+04:11	Incoming tide	<0.01	55,572	-	Seawater
		0089_PW411_240312	12/03/2024	10:53:00 AM	5:14:00 AM	+05:39	Incoming tide	<0.01	56,340	-	Seawater
		0089_PW411_240528	28/05/2024	12:30:00 PM	10:25:00 PM	-09:55	Outgoing tide	<0.01	52,476	-	Seawater
		0089_PW411_241218	18/12/2024	8:57:00 AM	8:15:00 AM	+00:42	Low tide	<0.01	53,543	34,939	Seawater
		0089_PW411_250311	11/03/2025	1:27:00 PM	4:37:00 AM	+08:50	Incoming tide	<0.01	54,781	35,572	Seawater
		0089_PW411_250616	16/06/2025	2:43:00 PM	9:45:00 PM	-07:02	Outgoing tide	<0.01	54,012	35,103	Seawater
		0089_PW411_250910	10/09/2025	8:46:00 PM	4:12:00 PM	+04:34	Incoming tide	<0.01	52,715	34,257	Seawater
	0089_PW413	0089_PW413_231213	13/12/2023	10:32:00 AM	6:21:00 AM	+04:11	Incoming tide	<0.01	55,848	-	Seawater
		0089_PW413_240312	12/03/2024	10:52:00 AM	5:14:00 AM	+05:38	Incoming tide	<0.01	55,973	-	Seawater
		0089_PW413_240528	28/05/2024	12:28:00 PM	10:25:00 PM	-09:57	Outgoing tide	<0.01	52,509	-	Seawater
		0089_PW413_241218	18/12/2024	9:38:00 AM	8:15:00 AM	+01:23	Incoming tide	<0.01	54,043	35,114	Seawater
		0089_PW413_250311	11/03/2025	1:07:00 PM	4:37:00 AM	+08:30	Incoming tide	<0.01	55,716	36,212	Seawater
		0089_PW413_250616	16/06/2025	2:19:00 PM	9:45:00 PM	-07:26	Outgoing tide	<0.01	54,885	35,667	Seawater
		0089_PW413_250910	10/09/2025	3:01:00 PM	4:12:00 PM	-01:11	Outgoing tide	<0.01	52,847	34,348	Seawater
	0089_PW415	0089_PW415_231213	13/12/2023	10:31:00 AM	6:21:00 AM	+04:10	Incoming tide	<0.01	55,031	-	Seawater
		0089_PW415_240312	12/03/2024	10:51:00 AM	5:14:00 AM	+05:37	Incoming tide	<0.01	56,076	-	Seawater
		0089_PW415_240528	28/05/2024	12:26:00 PM	10:25:00 PM	-09:59	Outgoing tide	<0.01	52,447	-	Seawater
		0089_PW415_241218	18/12/2024	10:09:00 AM	8:15:00 AM	+01:54	Incoming tide	<0.01	53,811	34,977	Seawater
		0089_PW415_250311	11/03/2025	12:46:00 PM	4:37:00 AM	+08:09	Incoming tide	<0.01	55,847	36,304	Seawater
		0089_PW415_250616	16/06/2025	2:19:00 PM	9:45:00 PM	-07:26	Outgoing tide	<0.01	54,058	35,137	Seawater
		0089_PW415_250910	10/09/2025	3:13:00 PM	4:12:00 PM	-00:59	Low tide	<0.01	52,707	34,353	Seawater
Accommodation Area Pathway	0089_PW346	0089_PW346_231213	13/12/2023	8:50:00 AM	6:21:00 AM	+02:29	Incoming tide	3.63	7,042	-	Seawater/groundwater mixture
		0089_PW346_240312	12/03/2024	1:17:00 PM	5:45:00 PM	-04:28	Outgoing tide	0.15	51,515	-	Seawater
		0089_PW346_240528	28/05/2024	1:11:00 PM	10:25:00 PM	-09:14	Outgoing tide	0.22	35,888	-	Seawater/groundwater mixture
		0089_PW346_241217	17/12/2024	2:41:00 PM	7:44:00 AM	+06:57	Incoming tide	1	31,298	20,366	Seawater/groundwater mixture
		0089_PW346_250313	13/03/2025	2:11:00 PM	2:17:00 PM	-00:06	Low tide	1.46	38,559	25,062	Seawater/groundwater mixture
		0089_PW346_250613	17/06/2025	4:56:00 PM	10:11:00 PM	-05:15	Outgoing tide	1.77	16,653	10,803	Seawater/groundwater mixture
		0089_PW346_250912	12/09/2025	4:09:00 PM	12:17:00 PM	+03:52	Incoming tide	0.59	10,486	6,823	Seawater/groundwater mixture
Dredged Sediments Pathway	0089_PW374	0089_PW374_231212	12/12/2023	9:25:00 AM	5:40:00 AM	+03:45	Incoming tide	<0.01	55,699	-	Seawater
		0089_PW374_240311	11/03/2024	2:14:00 PM	3:00:00 PM	-00:46	Low tide	0.43	55,357	-	Seawater
		0089_PW374_240528	28/05/2024	11:13:00 AM	10:25:00 PM	-11:12	Outgoing tide	0.82	24,361	-	Seawater/groundwater mixture
		0089_PW374_241217	17/12/2024	10:56:00 AM	7:44:00 AM	+03:12	Incoming tide	<0.01	53,200	34,555	Seawater
		0089_PW374_250310	10/03/2025	2:51:00 PM	4:15:00 AM	+10:36	Incoming tide	<0.01	55,365	35,937	Seawater
		0089_PW374_250612	12/06/2025	4:28:00 PM	7:23:00 PM	-02:55	Outgoing tide	<0.01	54,071	35,148	Seawater
		0089_PW374_250916	16/09/2025	2:41:00 PM	3:04:00 PM	-00:23	Low tide	<0.01	48,370	31,448	Predominantly seawater
	0089_PW375	0089_PW375_231212	12/12/2023	9:26:00 AM	5:40:00 AM	+03:46	Incoming tide	<0.01	55,670	-	Seawater
		0089_PW375_240311	11/03/2024	2:12:00 PM	3:00:00 PM	-00:48	Low tide	0.23	55,537	-	Seawater
		0089_PW375_240528	28/05/2024	11:12:00 AM	10:25:00 PM	-11:13	Outgoing tide	0.72	24,465	-	Seawater/groundwater mixture
		0089_PW375_241217	17/12/2024	10:25:00 AM	7:44:00 AM	+02:41	Incoming tide	<0.01	47,533	31,186	Predominantly seawater
		0089_PW375_250310	10/03/2025	2:49:00 PM	4:15:00 AM	+10:34	Incoming tide	0.02	10,266	6,673	Seawater/groundwater mixture
		0089_PW375_250612	12/06/2025	4:29:00 PM	7:23:00 PM	-02:54	Outgoing tide	<0.01	53,452	34,803	Seawater
		0089_PW375_250916	16/09/2025	2:40:00 PM	3:04:00 PM	-00:24	Low tide	0.01	33,765	33,757	Predominantly seawater
	0089_PW378	0089_PW378_231212	12/12/2023	9:25:00 AM	5:40:00 AM	+03:45	Incoming tide	0.02	56,477	-	Seawater
		0089_PW378_240311	11/03/2024	2:17:00 PM	3:00:00 PM	-00:43	Low tide	0.25	56,272	-	Seawater
		0089_PW378_240528	28/05/2024	11:13:00 AM	10:25:00 PM	-11:12	Outgoing tide	0.1	25,368	-	Seawater/groundwater mixture
		0089_PW378_241217	17/12/2024	9:46:00 AM	7:44:00 AM	+02:02	Incoming tide	<0.01	53,680	-	Seawater
		0089_PW378_250310	10/03/2025	2:50:00 PM	4:15:00 AM	+10:35	Incoming tide	0.12	21,429	13,929	Seawater/groundwater mixture
		0089_PW378_250612	12/06/2025	4:29:00 PM	7:23:00 PM	-02:54	Outgoing tide	<0.01	53,825	34,998	Seawater
		0089_PW378_250916	16/09/2025	2:39:00 PM	3:04:00 PM	-00:25	Low tide	<0.01	50,936	33,901	Seawater

Table Notes:
[1] All seepage monitoring samples (primary only) collected for the locations listed during the monitoring period (December 2023 to September 2025).
[2] Predicted low-tide times and associated tidal phases were obtained from Bureau of Meteorology (BOM) tidal predictions for the corresponding sampling date and location. Sample times are based on field-recorded collection times.
[3] Deviation represents the time difference between sample collection and the nearest predicted low tide on the day of sampling. Positive values indicate sampling after low tide; negative values indicate sampling prior to low tide.
[4] Sampling events were classified with reference to the OMP (Defence, 2019) and ASQP (GHD, 2025a) target of sampling with ±1 hour of predicted low tide, green denotes compliant (≤ 60 minutes before or after low tide), blue denotes partially compliant (outside the +1 hour but within the same tidal phase (i.e., outgoing tide)), pink denotes non-compliant (outside the +1 hour tidal window and not aligned with the low-tide discharge phase).
[5] Sample composition was assessed qualititatively using EC and TDS results, with reference to typical seawater salinity (~35,000 mg/L TDS; ANZG, 2018). Classification reflects relative similarity to seawater rather than a quantitative mixing ratio.

Area	Location	Field ID[1]	Sample date	Sample time	Nearest low tide[2]	Deviation[3] (+/- in hours and minutes)	Tide status[4]	Total PFAS Concentration (µg/L)	TDS (mg/L)	EC	Sample composition[5]
Fire Training Area Pathway	0089_MW124	0089_MW124_231211	11/12/2023	9:35:00 AM	5:03:00 AM	+04:32	Incoming tide	<0.01	21,250	42500	Predominantly seawater
		0089_MW124_240311	11/03/2024	10:26:00 AM	3:00:00 PM	-04:34	Outgoing tide	0.03	23,545	47090	Predominantly seawater
		0089_MW124_240529	29/05/2024	10:57:00 AM	10:25:00 PM (28/05/2024)	-11:28	Outgoing tide	0.02	20,617	41234	Predominantly seawater
		0089_MW124_241218	18/12/2024	2:37:00 PM	8:15:00 AM	+06:22	Incoming tide	<0.01	25,859	39,769	Predominantly seawater
		0089_MW124_250321	21/03/2025	11:18:00 AM	1:53:00 AM	+09:25	Incoming tide	0.09	27,332	42,058	Predominantly seawater
		0089_MW124_250606	6/06/2025	1:16:00 PM	6:10:00 PM	-04:54	Outgoing tide	0.01	26,834	41,269	Predominantly seawater
		0089_MW124_250919	19/09/2025	4:37:00 PM	3:59:00 PM	+00:38	Low tide	0.01	20,502	31,586	Predominantly seawater
	0089_MW125	0089_MW125_231211	11/12/2023	10:38:00 AM	5:03:00 AM	+05:35	Incoming tide	0.65	21,380	42759	Predominantly seawater
		0089_MW125_240311	11/03/2024	11:33:00 AM	3:00:00 PM	-03:27	Outgoing tide	0.87	25,220	50440	Predominantly seawater
		0089_MW125_240529	29/05/2024	10:55:00 AM	10:25:00 PM (28/05/2024)	-11:30	Outgoing tide	1.04	21,705	43409	Predominantly seawater
		0089_MW125_241218	18/12/2024	11:06:00 AM	8:15:00 AM	+02:51	Incoming tide	0.58	25,798	39,706	Predominantly seawater
		0089_MW125_250319	19/03/2025	2:04:00 PM	10:29:00 PM	-08:25	Outgoing tide	2.29	29,131	44,826	Predominantly seawater
		0089_MW125_250606	6/06/2025	2:02:00 PM	6:10:00 PM	-04:08	Outgoing tide	0.23	26,449	40,696	Predominantly seawater
		0089_MW125_250909	9/09/2025	3:51:00 PM	4:47:00 PM	-00:56	Low tide	0.52	9,192	-	Brackish
	0089_MW126	0089_MW126_231211	11/12/2023	12:06:00 PM	5:03:00 AM	+07:03	Incoming tide	<0.01	21,390	42780	Predominantly seawater
		0089_MW126_240311	11/03/2024	11:32:00 AM	3:00:00 PM	-03:28	Outgoing tide	<0.01	19,974	39948	Predominantly seawater
		0089_MW126_240529	29/05/2024	10:30:00 AM	10:25:00 PM (28/05/2024)	-11:55	Outgoing tide	<0.01	-	-	-
		0089_MW126_241218	18/12/2024	9:50:00 AM	8:15:00 AM	+01:35	Incoming tide	<0.01	21,513	33,089	Predominantly seawater
		0089_MW126_250321	21/03/2025	11:52:00 AM	1:53:00 AM	+09:59	Incoming tide	<0.01	25,481	39,199	Predominantly seawater
		0089_MW126_250606	6/06/2025	2:20:00 PM	6:10:00 PM	-03:50	Outgoing tide	0.04	23,038	35,393	Predominantly seawater
		0089_MW126_250909	9/09/2025	2:59:00 PM	4:47:00 PM	-01:48	Outgoing tide	<0.01	25,610	39,416	Predominantly seawater
	0089_MW127	0089_MW127_231211	11/12/2023	2:59:00 PM	5:03:00 AM	+09:56	Incoming tide	<0.01	-	-	-
		0089_MW127_240311	11/03/2024	11:25:00 AM	3:00:00 PM	-03:35	Outgoing tide	<0.01	-	-	-
		0089_MW127_240529	29/05/2024	9:47:00 AM	10:25:00 PM (28/05/2024)	-12:38	Outgoing tide	<0.01	-	36,689	-
		0089_MW127_241218	18/12/2024	9:05:00 AM	8:15:00 AM	+00:50	Low tide	0.02	22,909	35,222	Predominantly seawater
		0089_MW127_250321	21/03/2025	12:04:00 PM	1:53:00 AM	+10:11	Incoming tide	<0.01	26,126	40,183	Predominantly seawater
		0089_MW127_250606	6/06/2025	2:54:00 PM	6:10:00 PM	-03:16	Outgoing tide	0.02	23,482	63,112	Predominantly seawater
		0089_MW127_250909	9/09/2025	3:45:00 PM	4:47:00 PM	-01:02	Outgoing tide	0.05	20,717	31,851	Predominantly seawater
Demolition Ground Pathway	0089_MW142	0089_MW142_231219	19/12/2023	9:46:00 AM	10:18:00 AM	-00:32	Low tide	12.7	16,422	32843	Predominantly seawater
		0089_MW142_240311	11/03/2024	11:52:00 AM	3:00:00 PM	-03:08	Outgoing tide	11.6	-	-	-
		0089_MW142_240528	28/05/2024	9:25:00 AM	9:32:00 PM (27/05/2024)	-12:07	Outgoing tide	4.92	20,638	41275	Predominantly seawater
		0089_MW142_250115	15/01/2025	11:43:00 AM	7:11:00 AM	+04:32	Incoming tide	3.3	15,489	23,832	Predominantly seawater
		0089_MW142_250314	14/03/2025	11:20:00 AM	3:14:00 PM	-03:54	Outgoing tide	2.15	18,559	28,522	Predominantly seawater
		0089_MW142_250611	11/06/2025	10:03:00 AM	6:47:00 PM	-08:44	Outgoing tide	0.82	30,747	47,174	Predominantly seawater
		0089_MW142_250923	23/09/2025	8:27:00 AM	4:20:00 AM	+04:07	Incoming tide	0.79	27,482	42,289	Predominantly seawater
	0089_MW149	0089_MW149_231219	19/12/2023	10:19:00 AM	10:18:00 AM	+00:01	Low tide	<0.01	-	24,598	-
		0089_MW149_240311	11/03/2024	11:52:00 AM	3:00:00 PM	-03:08	Outgoing tide	<0.01	-	23,802	-
		0089_MW149_240528	28/05/2024	10:05:00 AM	9:32:00 PM (27/05/2024)	-11:27	Outgoing tide	<0.01	-	47,767	-
		0089_MW149_250115	15/01/2025	11:42:00 AM	7:11:00 AM	+04:31	Incoming tide	0.05	1,697	16,982	Brackish
		0089_MW149_250314	14/03/2025	11:22:00 AM	3:14:00 PM	-03:52	Outgoing tide	<0.01	18,035	27,746	Predominantly seawater
		0089_MW149_250611	11/06/2025	9:50:00 AM	6:47:00 PM	-08:57	Outgoing tide	<0.01	33,387	51,373	Predominantly seawater
		0089_MW149_250923	23/09/2025	8:15:00 AM	4:20:00 AM	+03:55	Incoming tide	<0.01	19,370	29,807	Predominantly seawater
WWTP Pathway	0089_MW200	0089_MW200_231213	13/12/2023	9:52:00 AM	6:21:00 AM	+03:31	Incoming tide	<0.01	2,318	4636	Brackish
		0089_MW200_240313	13/03/2024	8:20:00 AM	4:11:00 AM	+04:09	Incoming tide	<0.01	3,138	6276	Brackish
		0089_MW200_240529	29/05/2024	8:26:00 AM	10:25:00 PM (28/05/2024)	-13:59	Outgoing tide	<0.01	4,609	9217	Brackish
		0089_MW200_241218	18/12/2024	12:51:00 PM	8:15:00 AM	+04:36	Incoming tide	<0.01	4,907	10,261	Brackish
		0089_MW200_250319	19/03/2025	11:28:00 AM	3:52:00 AM	+07:36	Incoming tide	<0.01	5,955	5,799	Brackish
		0089_MW200_250610	10/06/2025	11:55:00 AM	6:14:00 PM	-06:19	Outgoing tide	<0.01	6,102	7,556	Brackish
		0089_MW200_250923	23/09/2025	8:19:00 AM	4:20:00 AM	+03:59	Incoming tide	<0.01	3,967	9,163	Brackish
	0089_MW468	0089_MW468_240529	29/05/2024	8:26:00 AM	10:25:00 PM (28/05/2024)	-13:59	Outgoing tide	<0.01	-	-	-
		0089_MW468_241218	18/12/2024	12:25:00 PM	8:15:00 AM	+04:10	Incoming tide	<0.01	13,696	21,031	Predominantly seawater
		0089_MW468_250319	19/03/2025	11:27:00 AM	3:52:00 AM	+07:35	Incoming tide	<0.01	13,365	20,544	Predominantly seawater
		0089_MW468_250610	10/06/2025	12:22:00 PM	6:14:00 PM	-05:52	Outgoing tide	<0.01	14,300	22,000	Predominantly seawater
		0089_MW468_250918	18/09/2025	10:22:00 AM	4:02:00 PM	-05:40	Outgoing tide	<0.01	325	508	Freshwater
HSF Pathway	0089_MW226	0089_MW226_231211	11/12/2023	2:59:00 PM	5:03:00 AM	+09:56	Incoming tide	<0.01	-	-	-
		0089_MW226_240312	12/03/2024	10:18:00 AM	5:14:00 AM	+05:04	Incoming tide	0.01	22,022	44044	Predominantly seawater
		0089_MW226_240528	28/05/2024	10:18:00 AM	9:32:00 PM (27/05/2024)	-11:14	Outgoing tide	<0.01	20,309	40617	Predominantly seawater
		0089_MW226_241216	16/12/2024	11:30:00 AM	7:08:00 AM	+04:22	Incoming tide	0.01	26,894	41,372	Predominantly seawater
		0089_MW226_250310	10/03/2025	2:52:00 PM	4:15:00 AM	+10:37	Incoming tide	0.02	7,056	11,722	Brackish
		0089_MW226_250605	5/06/2025	2:55:00 PM	9:10:00 PM	-06:15	Outgoing tide	0.02	26,863	41,315	Predominantly seawater
		0089_MW226_250916	16/09/2025	12:30:00 PM	3:04:00 PM	-02:34	Outgoing tide	0.01	11,976	18,455	Predominantly seawater
	0089_MW227	0089_MW227_231211	11/12/2023	10:36:00 AM	5:03:00 AM	+05:33	Incoming tide	<0.01	2,678	5355	Brackish
		0089_MW227_240312	12/03/2024	8:49:00 AM	5:14:00 AM	+03:35	Incoming tide	<0.01	1,416	2832	Brackish
		0089_MW227_240528	28/05/2024	9:14:00 AM	9:32:00 PM (27/05/2024)	-12:18	Outgoing tide	<0.01	3,024	6047	Brackish
		0089_MW227_241218	18/12/2024	8:33:00 AM	8:15:00 AM	+00:18	Low tide	<0.01	1,900	2,919	Brackish
		0089_MW227_250320	20/03/2025	3:32:00 PM	1:53:00 AM (21/3/2025)	-10:21	Outgoing tide	<0.01	2,683	4,124	Brackish
		0089_MW227_250605	5/06/2025	4:02:00 PM	9:10:00 PM	-05:08	Outgoing tide	<0.01	2,888	4,452	Brackish
		0089_MW227_250923	23/09/2025	8:22:00 AM	4:20:00 AM	+04:02	Incoming tide	<0.01	1,749	2,684	Brackish
	0089_MW228	0089_MW228_231211	11/12/2023	9:25:00 AM	5:03:00 AM	+04:22	Incoming tide	13.8	4,801	9601	Brackish
		0089_MW228_240312	12/03/2024	8:48:00 AM	5:14:00 AM	+03:34	Incoming tide	19.3	5,345	10689	Brackish
		0089_MW228_240528	28/05/2024	8:19:00 AM	9:32:00 PM (27/05/2024)	-13:13	Outgoing tide	13.2	-	-	-
		0089_MW228_241218	18/12/2024	8:10:00 AM	8:15:00 AM	-00:05	Low tide	8.39	5,800	8,918	Brackish
		0089_MW228_250016	16/09/2025	11:22:00 AM	3:04:00 PM	-03:42	Outgoing tide	16.6	7,023	10,733	Brackish
		0089_MW228_250310	10/03/2025	2:52:00 PM	4:15:00 AM	+10:37	Incoming tide	11.6	6,690	10,293	Brackish
		0089_MW228_250605	5/06/2025	3:46:00 PM	9:10:00 PM	-05:24	Outgoing tide	18	8,797	13,535	Brackish

Table Notes:
"-" TDS and/or EC not recorded.
[1] All seepage monitoring samples (primary only) collected for the locations listed during the monitoring period (December 2023 to September 2025).
[2] Predicted low-tide times and associated tidal phases were obtained from Bureau of Meteorology (BOM) tidal predictions for the corresponding sampling date and location. Sample times are based on field-recorded collection times.
[3] Deviation represents the time difference between sample collection and the nearest predicted low tide on the day of sampling. Positive values indicate sampling after low tide; negative values indicate sampling prior to low tide.
[4] Sampling events were classified with reference to the OMP (Defence, 2019) and ASQP (GHD, 2025a) target of sampling with +1 hour of predicted low tide, green denotes compliant (< 60 minutes before or after low tide), blue denotes partially compliant (outside the +1 hour but within the same tidal phase (i.e., outgoing tide)), pink denotes non-compliant (outside the +1 hour tidal window and not aligned with the low-tide discharge phase).
[5] Sample composition was assessed qualititatively using EC and TDS results, with reference to typical seawater salinity (~35,000 mg/L TDS; ANZG, 2018). Classification reflects relative similarity to seawater rather than a quantitative mixing ratio.

Appendix E

Screening assessment and trend series graphs

Screening assessment

Fire Training Area (Source)

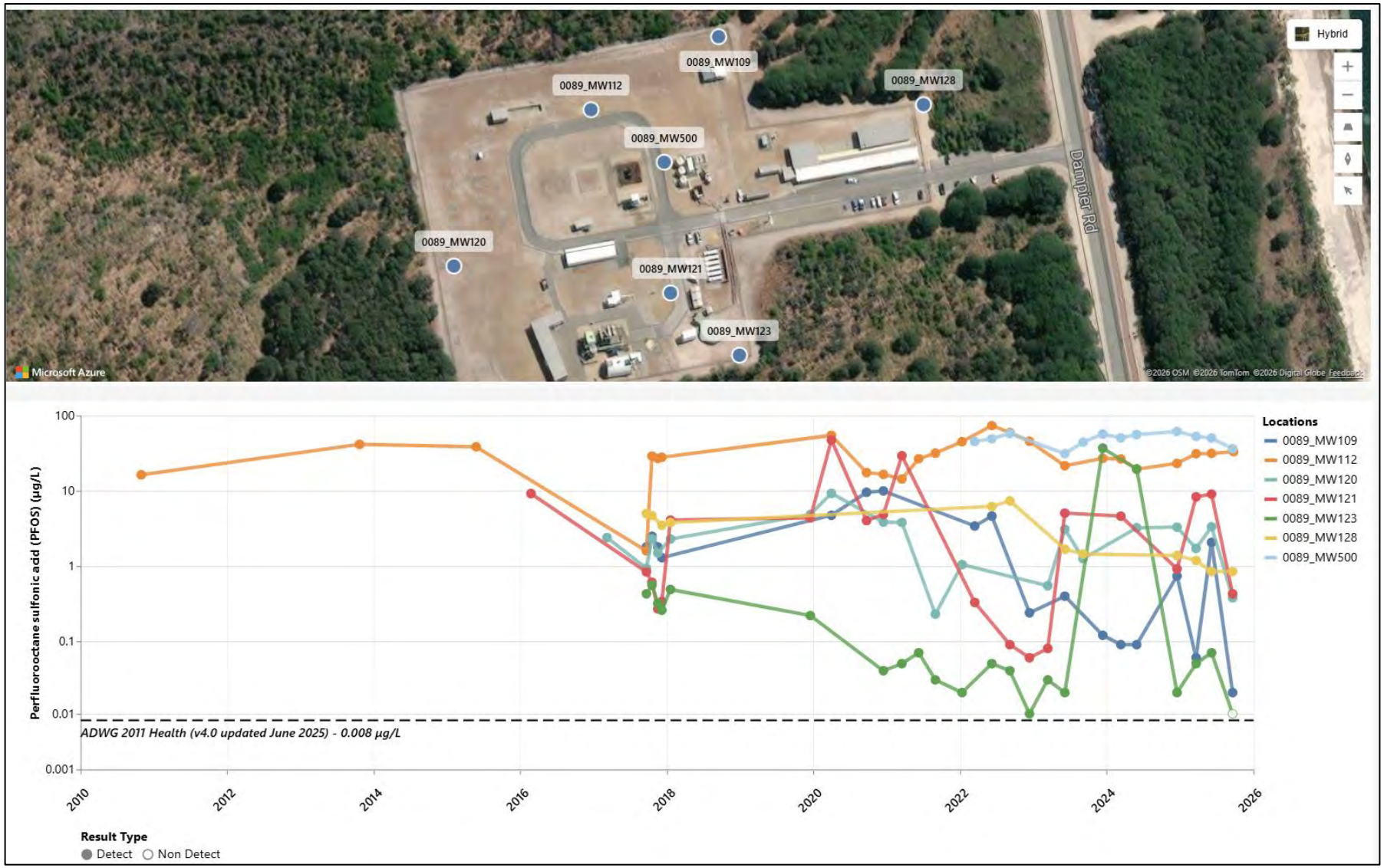

Figure E.1 Fire Training Area (Source) – PFOS in groundwater



Figure E.2 Fire Training Area (Source) – PFOA in groundwater

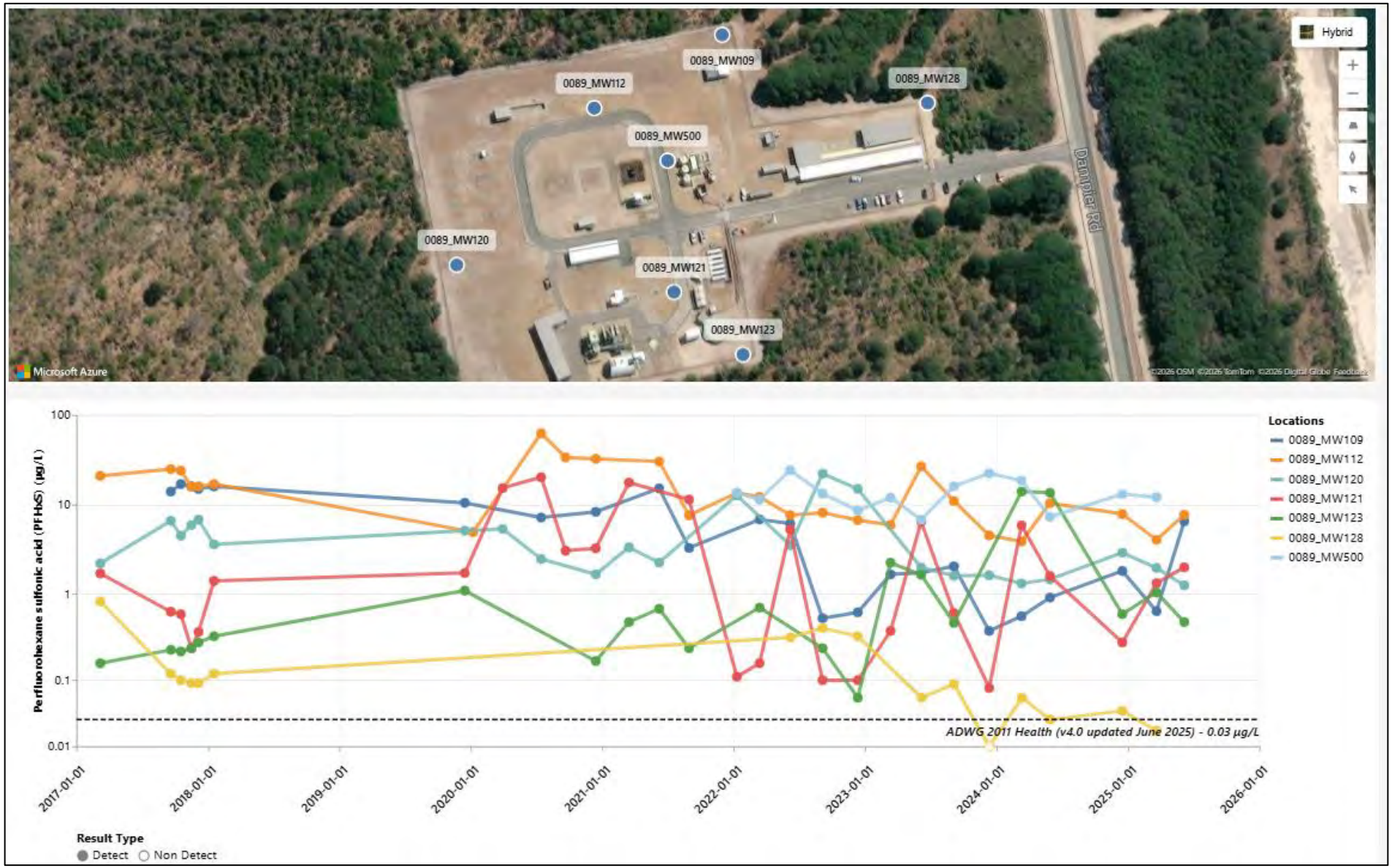

Figure E.3 Fire Training Area (Source) – PFHxS in groundwater

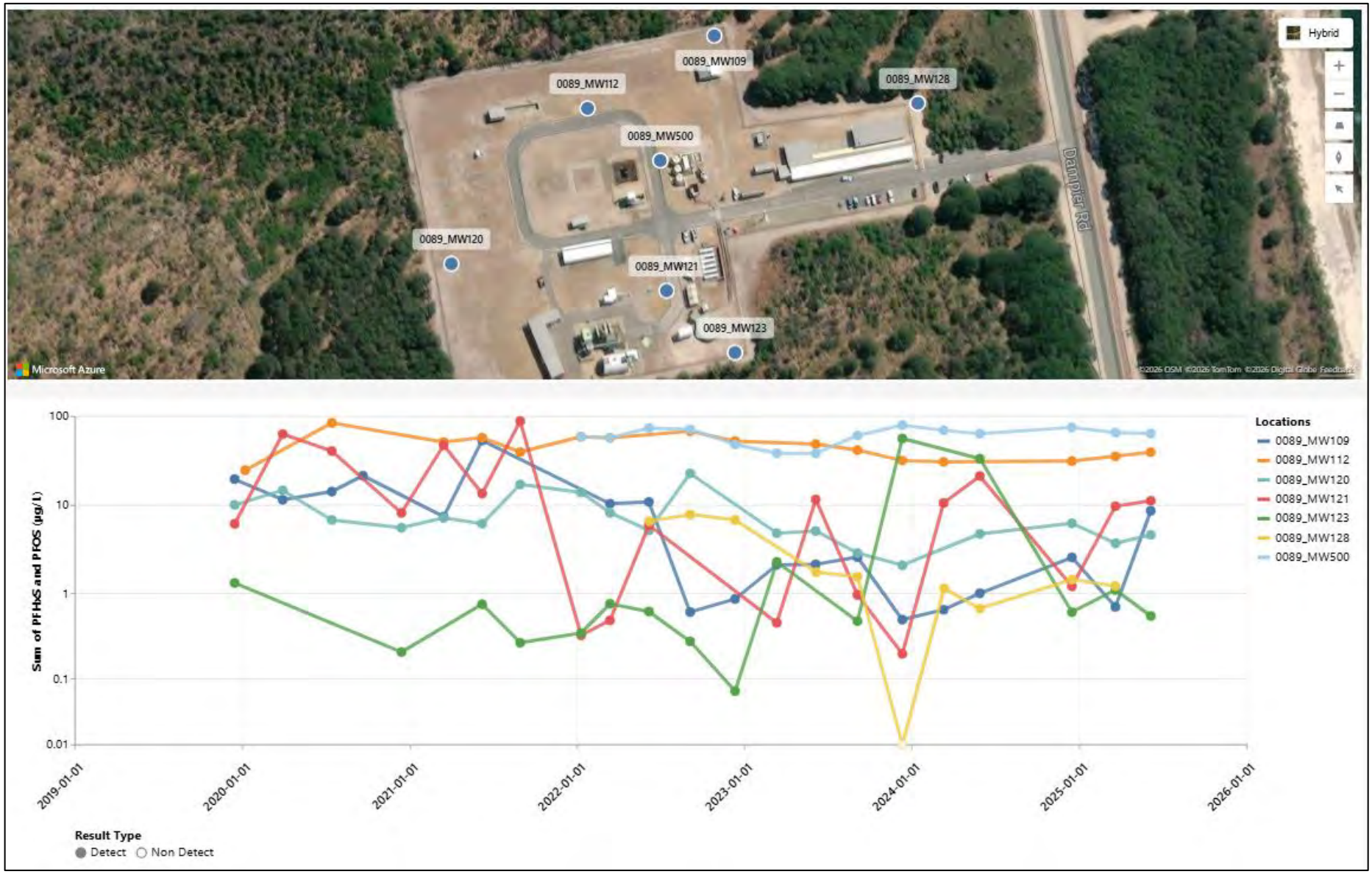

Figure E.4 Fire Training Area (Source) – PFOS + PFHxS in groundwater

Fire Training Area (Pathway)

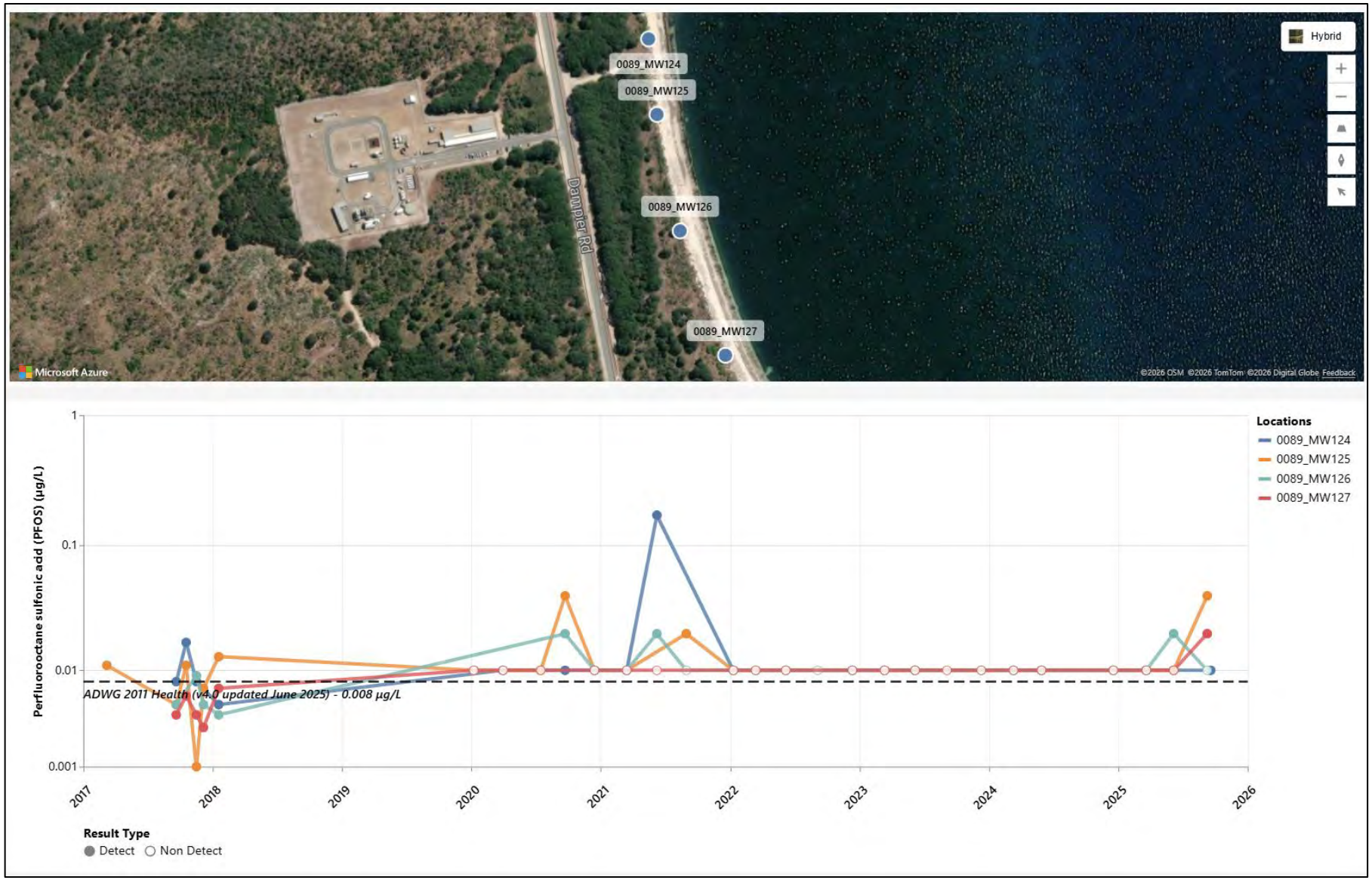

Figure E.5 Fire Training Area (Pathway) – PFOS in groundwater

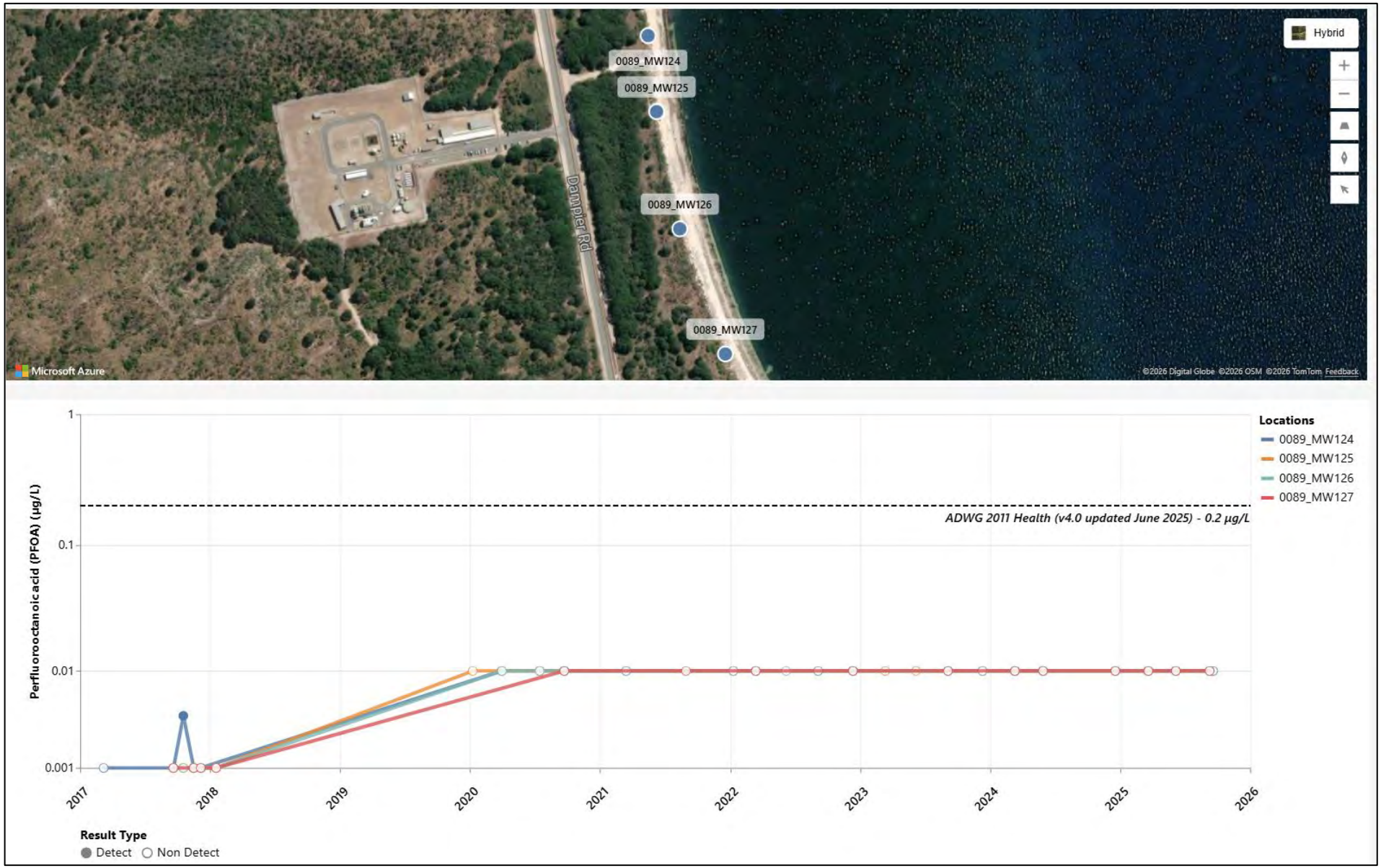

Figure E.6 Fire Training Area (Pathway) – PFOA in groundwater

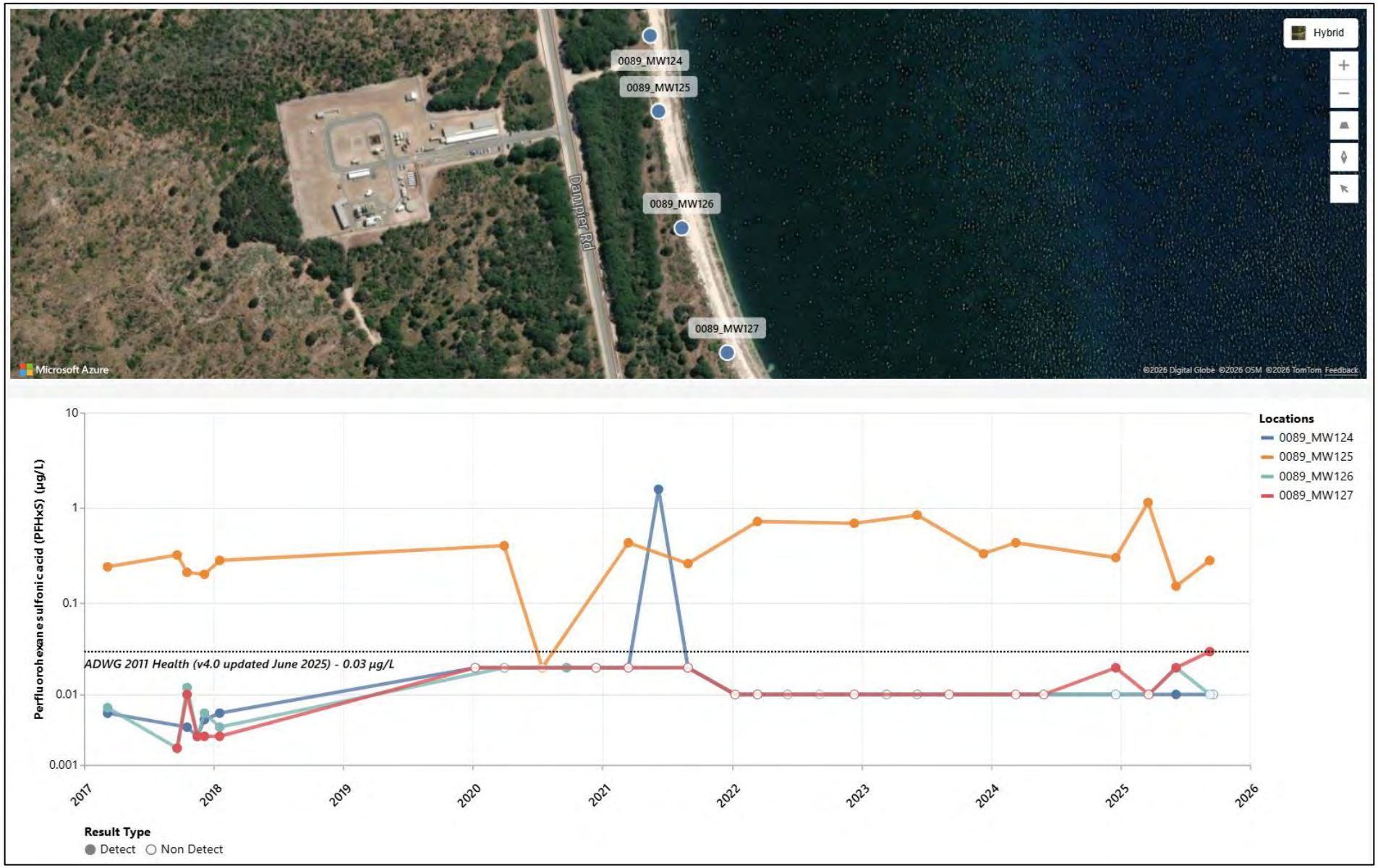

Figure E.7 Fire Training Area (Pathway) – PFHxS in groundwater

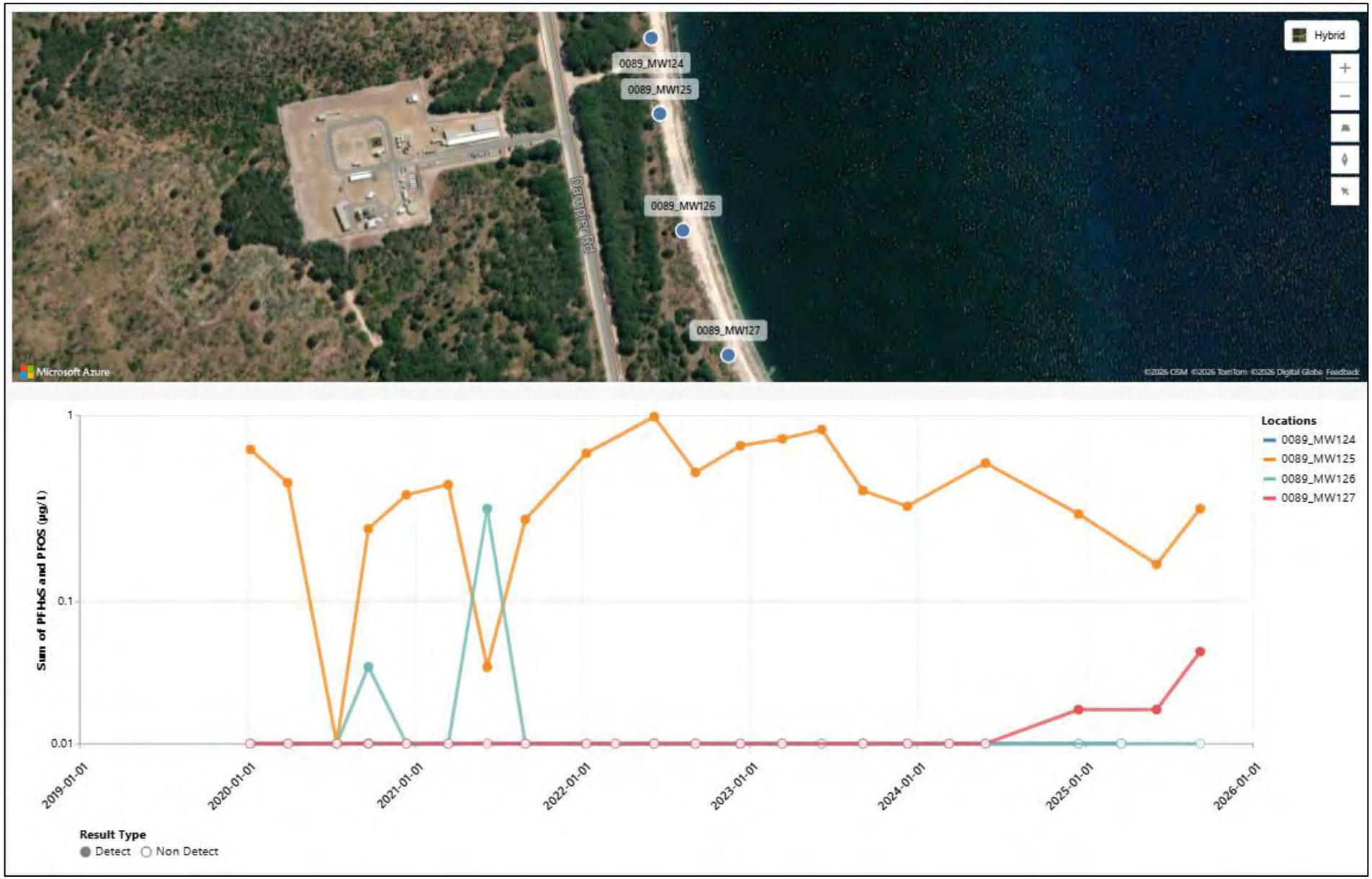

Figure E.8 Fire Training Area (Pathway) – PFOS+PFHxS in groundwater

Demolition Ground (Source)



Figure E.9 Demolition Ground (Source) – PFOS in groundwater

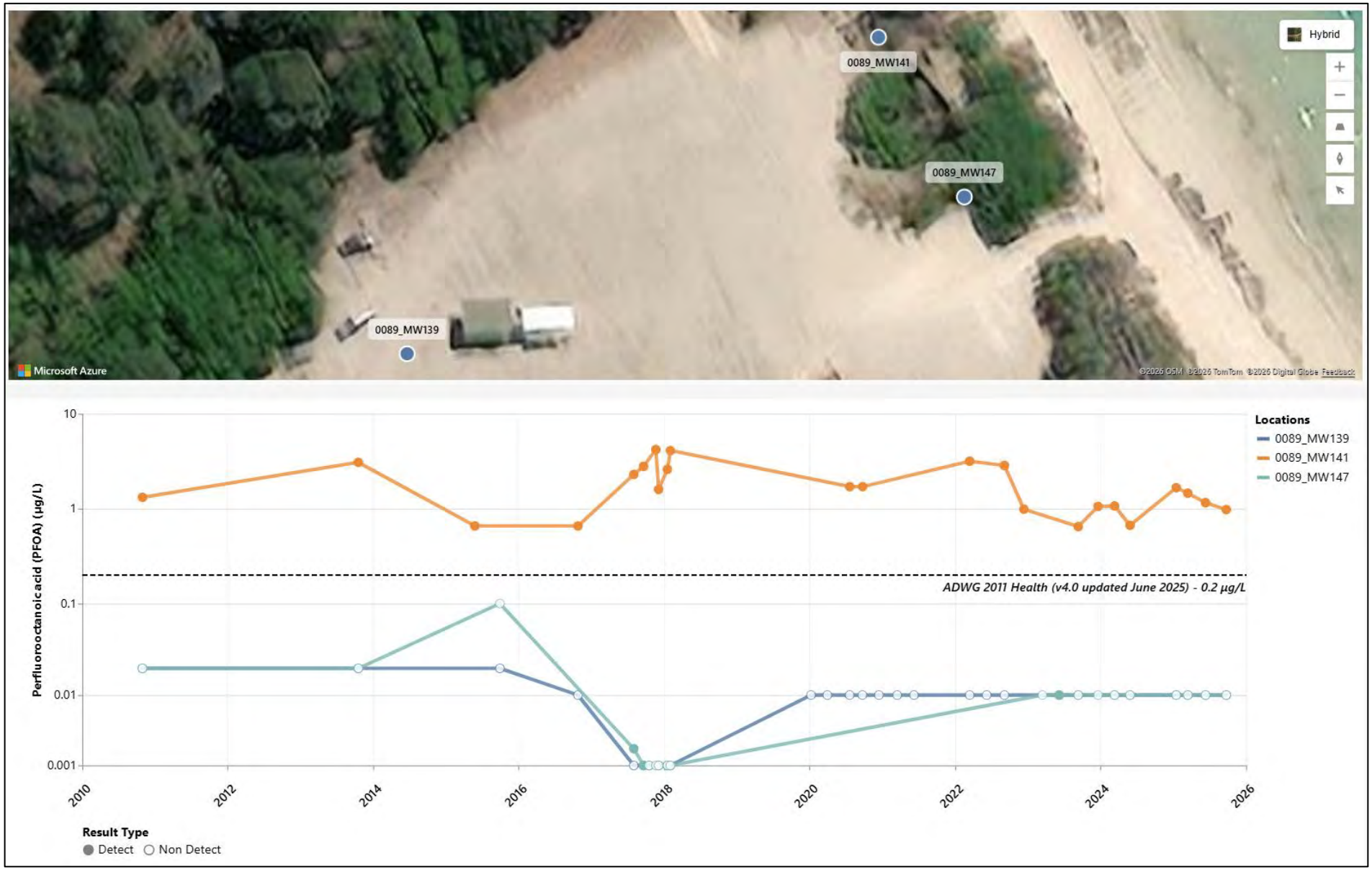

Figure E.10 Demolition Ground (Source) – PFOA in groundwater

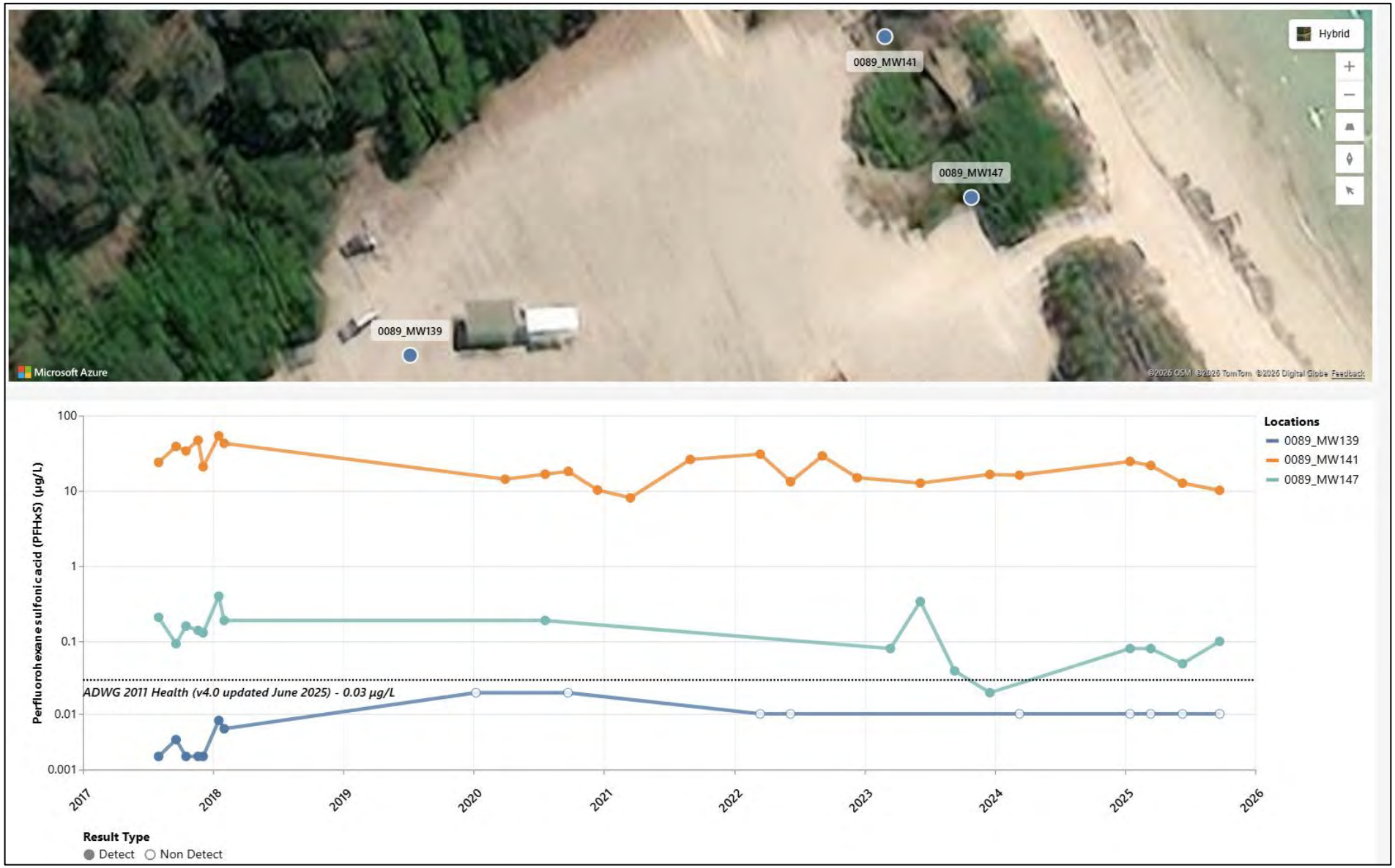

Figure E.11 Demolition Ground (Source) – PFHxS in groundwater



Figure E.12 Demolition Ground (Source) – PFOS+PFHxS in groundwater

Demolition Ground (Pathway)

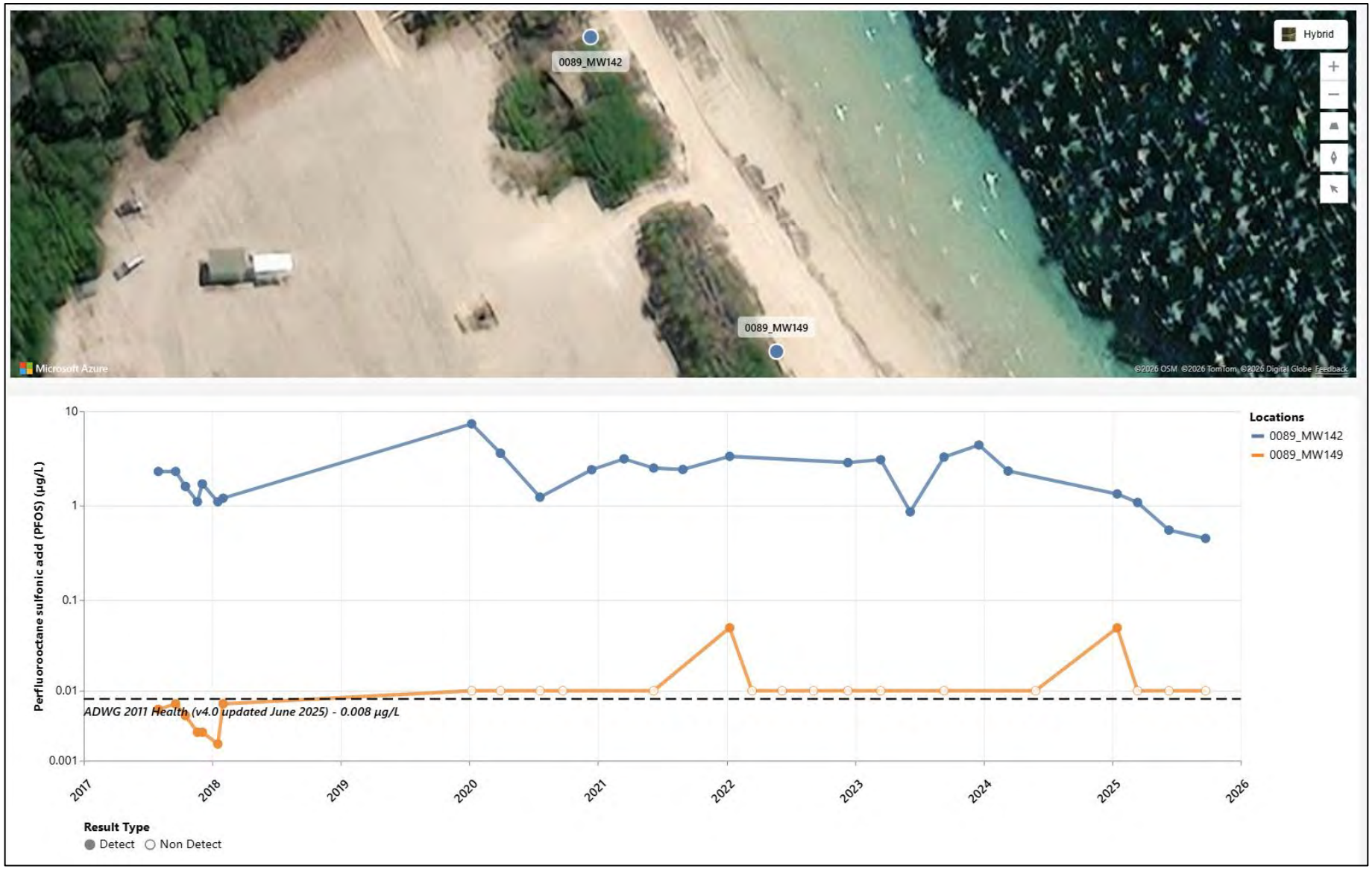

Figure E.13 Demolition Ground (Pathway) – PFOS in groundwater

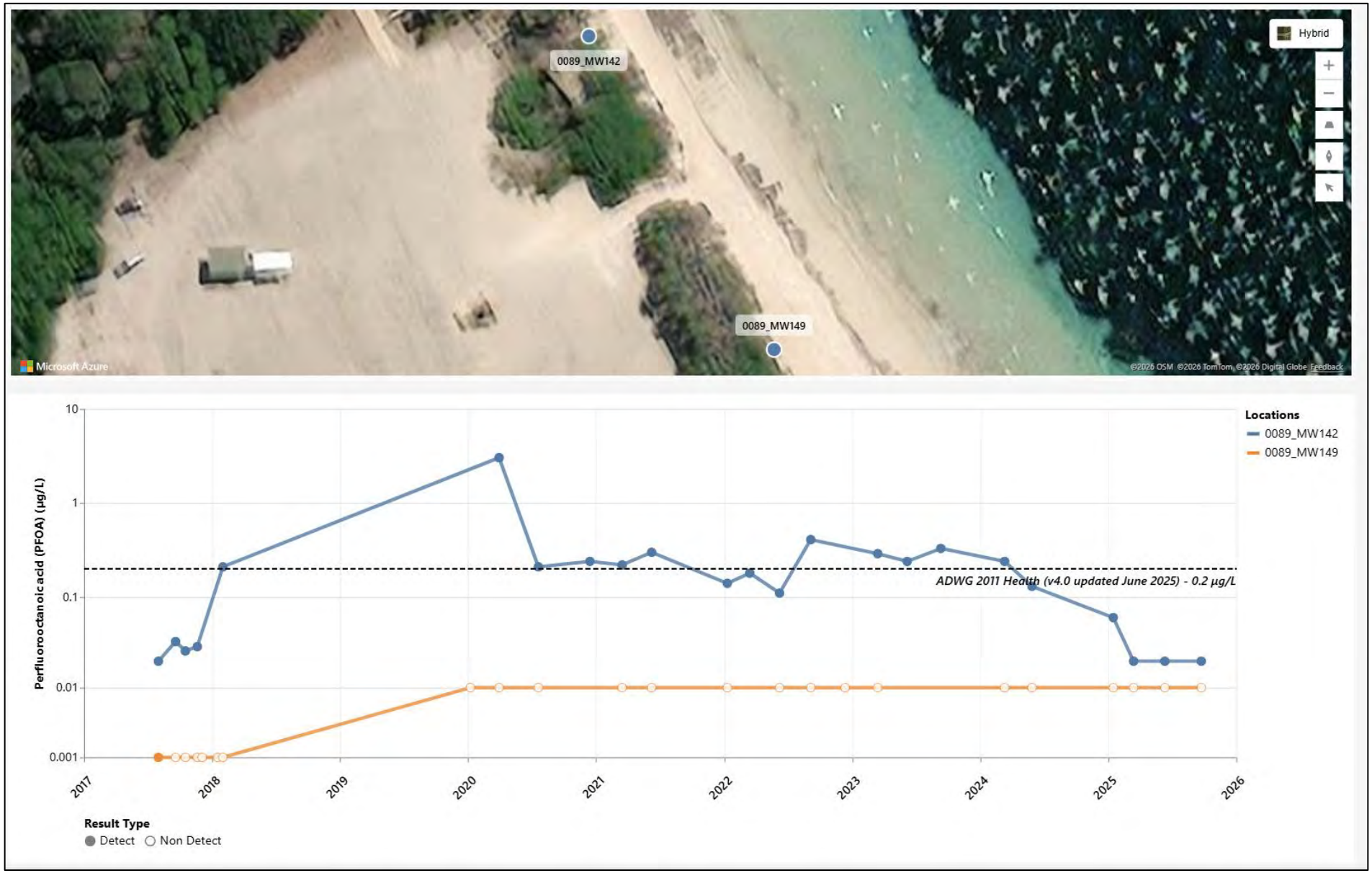

Figure E.14 Demolition Ground (Pathway) – PFOA in groundwater

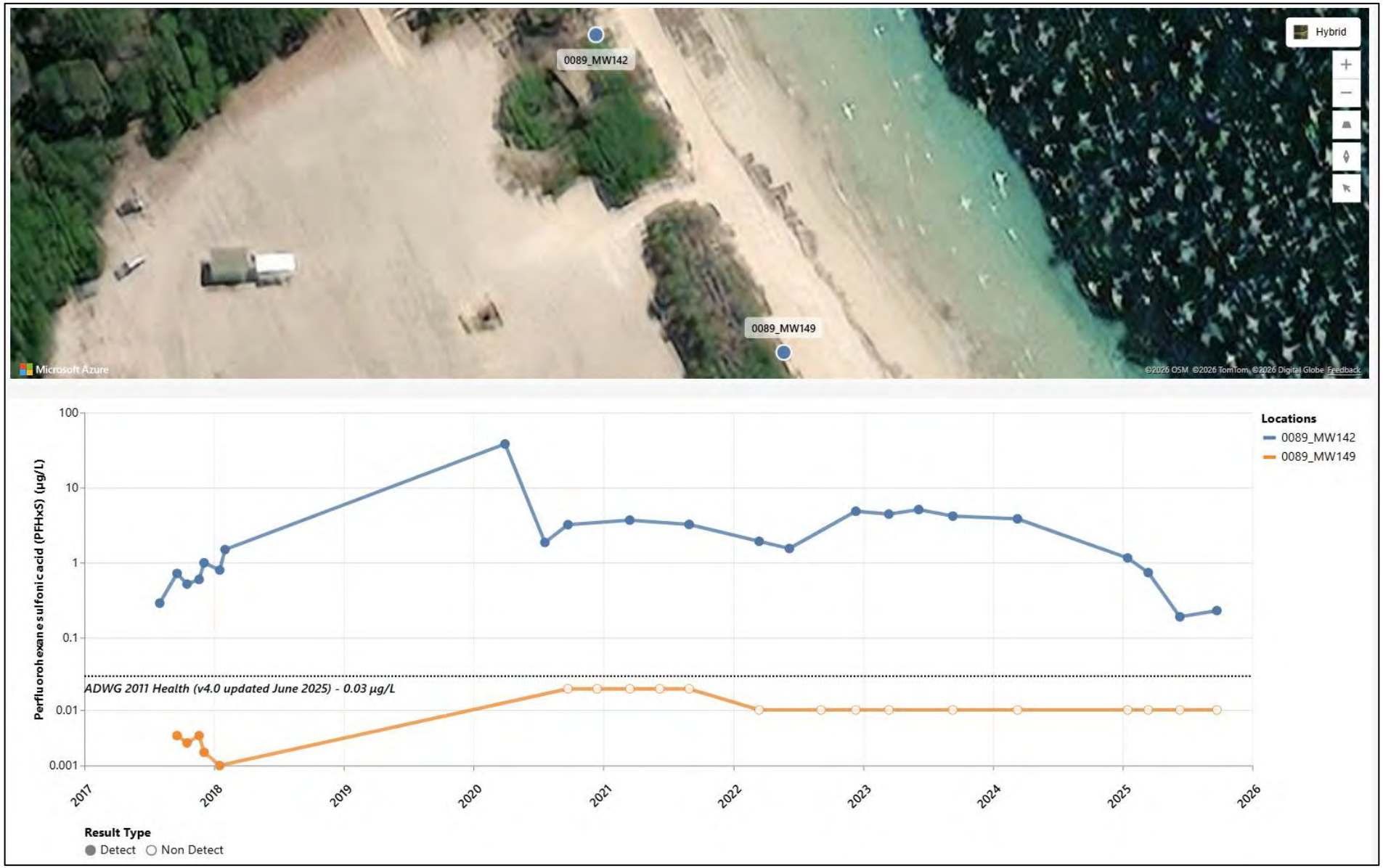

Figure E.15 Demolition Ground (Pathway) – PFHxS in groundwater

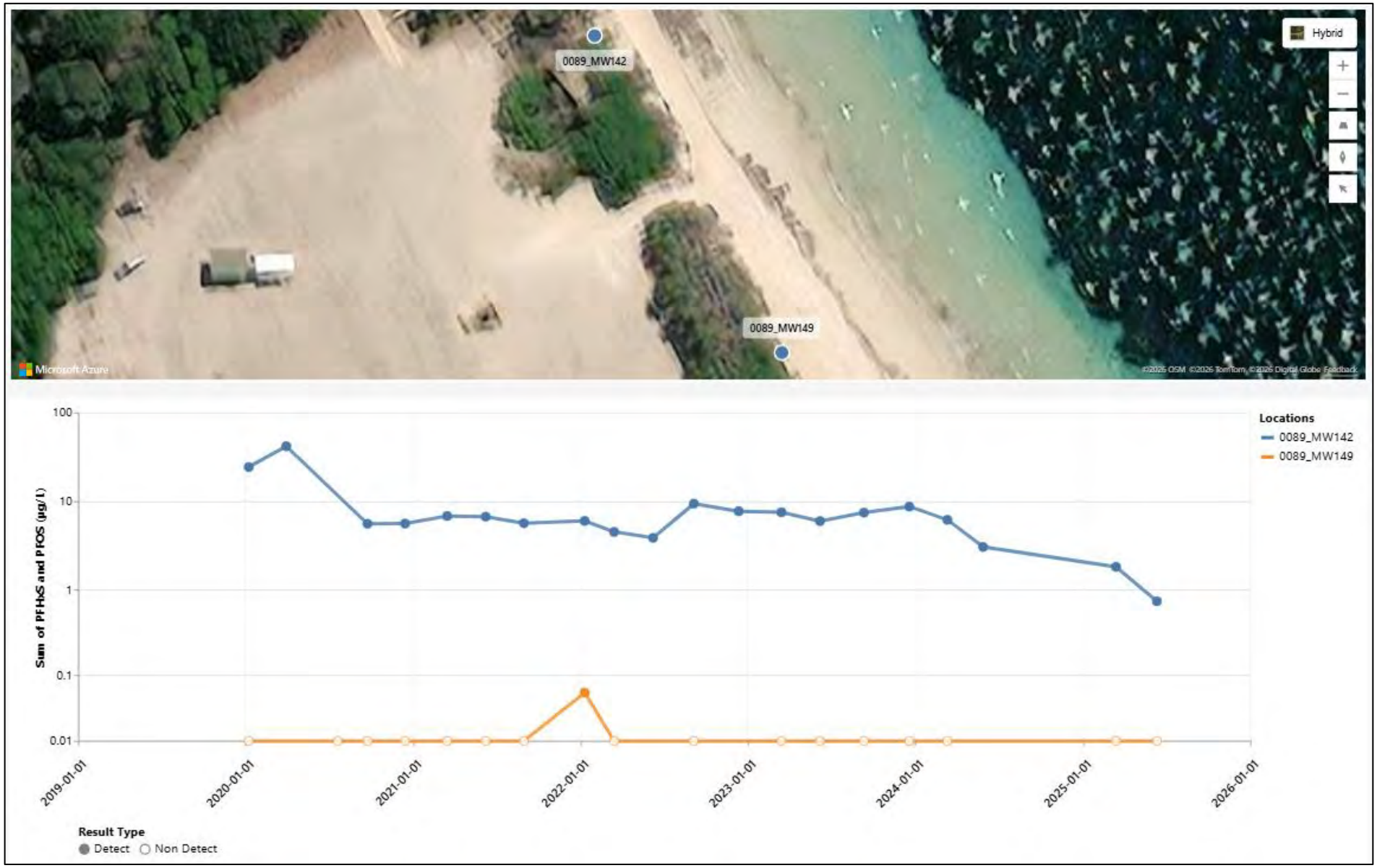

Figure E.16 Demolition Ground (Pathway) – PFOS+PFHxS in groundwater

Wastewater Treatment Plant (Source)

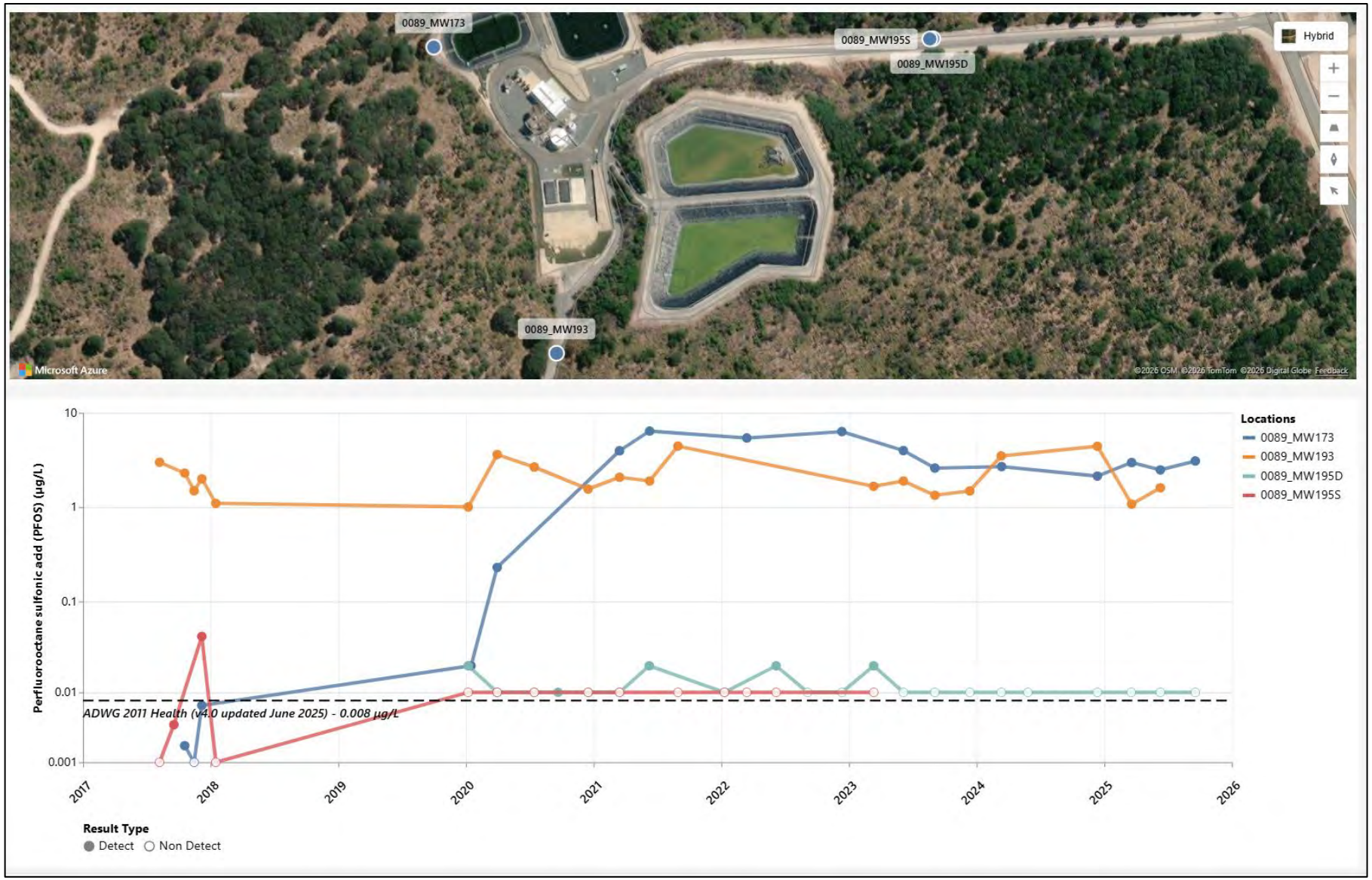

Figure E.17 Wastewater Treatment Plant (Source) – PFOS in groundwater

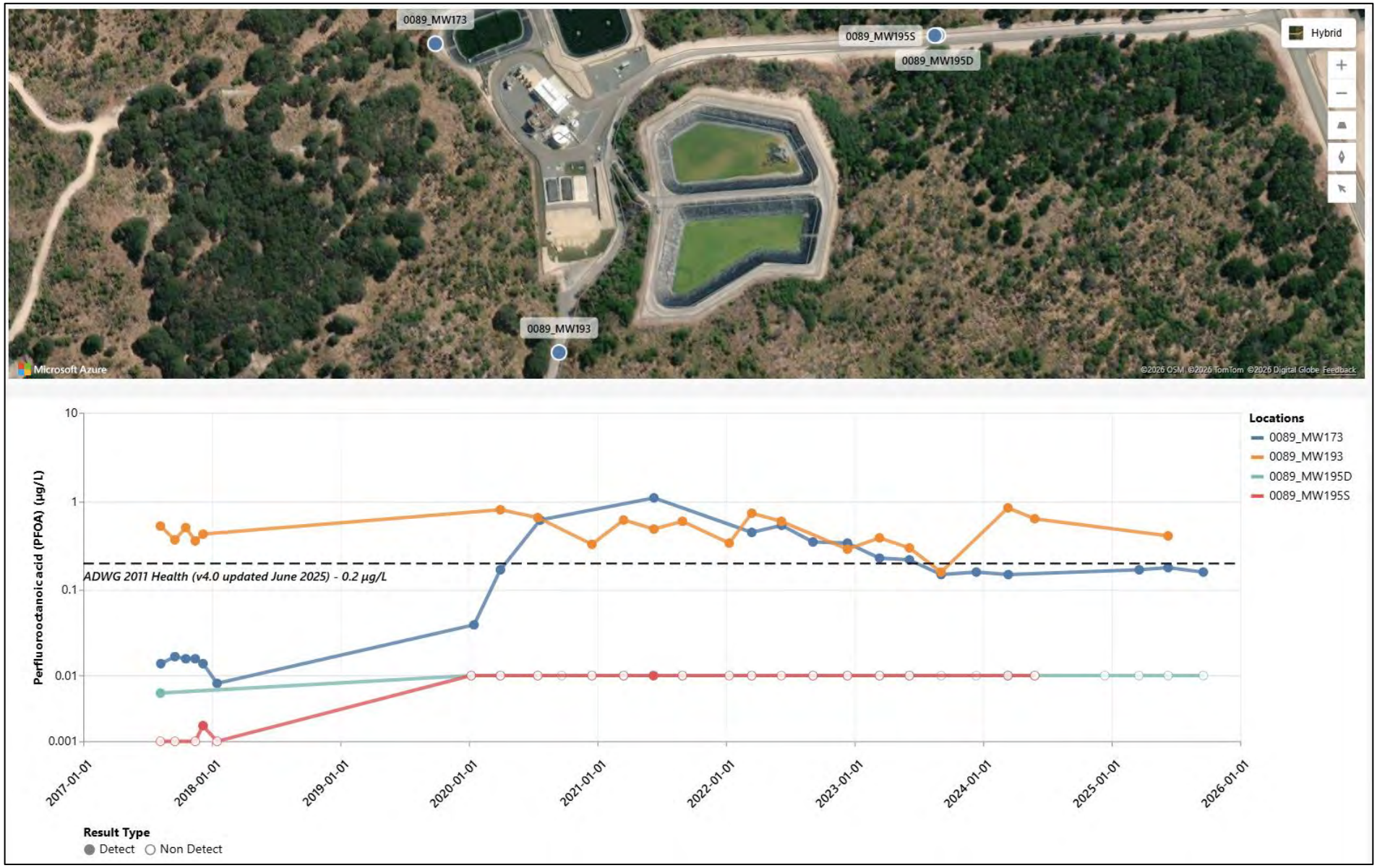

Figure E.18 Wastewater Treatment Plant (Source) – PFOA in groundwater

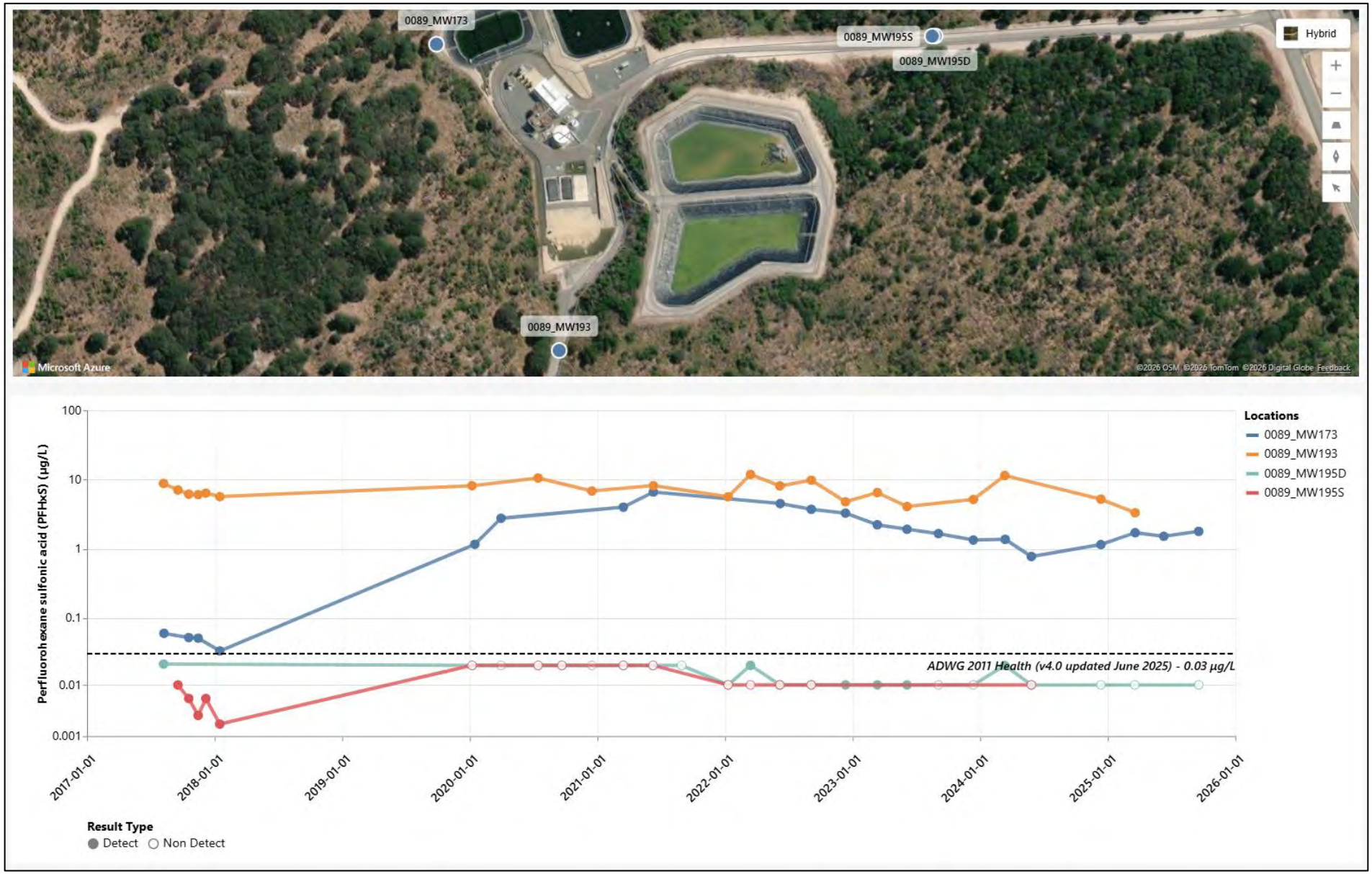

Figure E.19 Wastewater Treatment Plant (Source) – PFHxS in groundwater

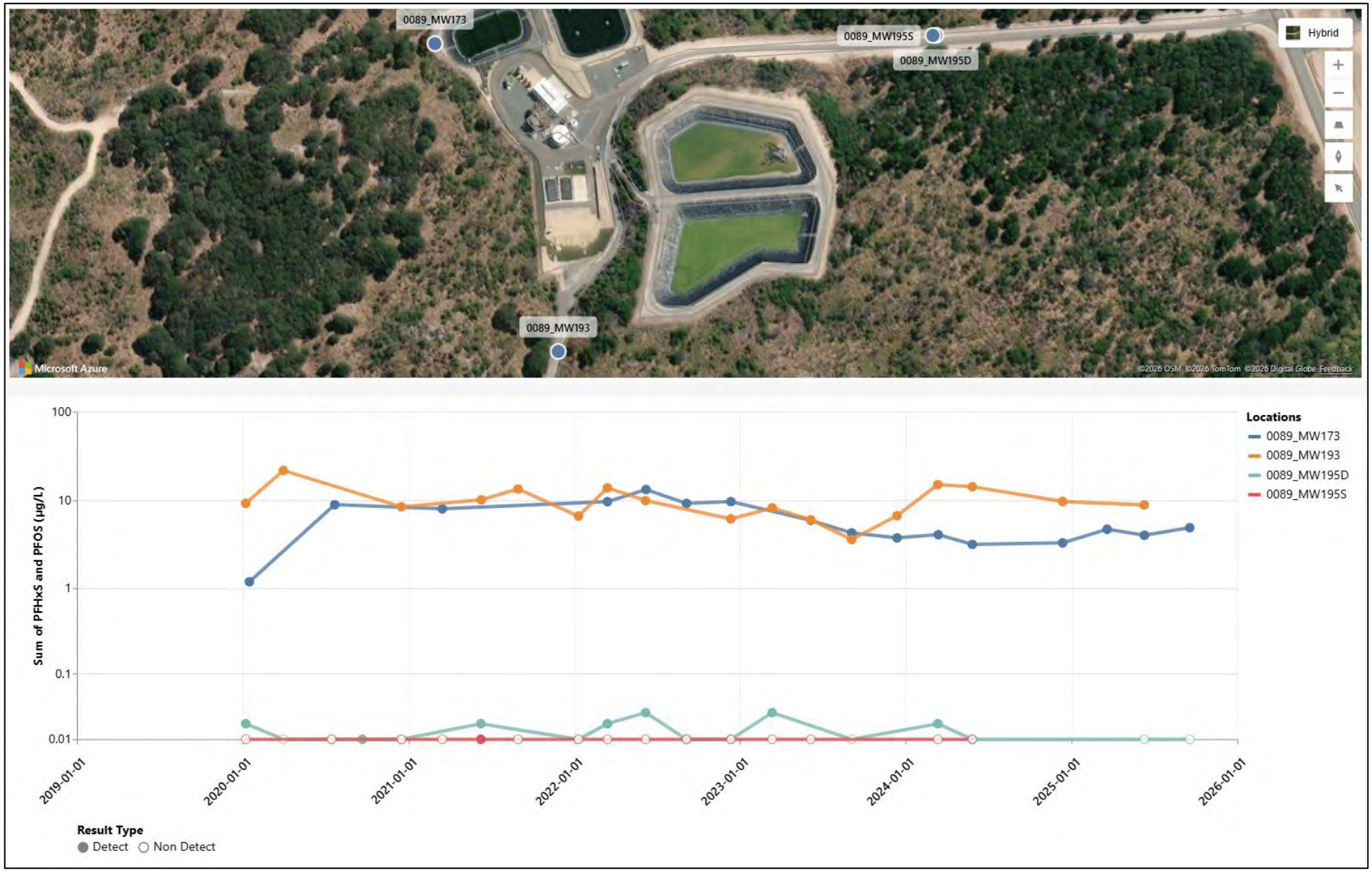

Figure E.20 Wastewater Treatment Plant (Source) – PFOS+PFHxS in groundwater

Wastewater Treatment Plant (Pathway)

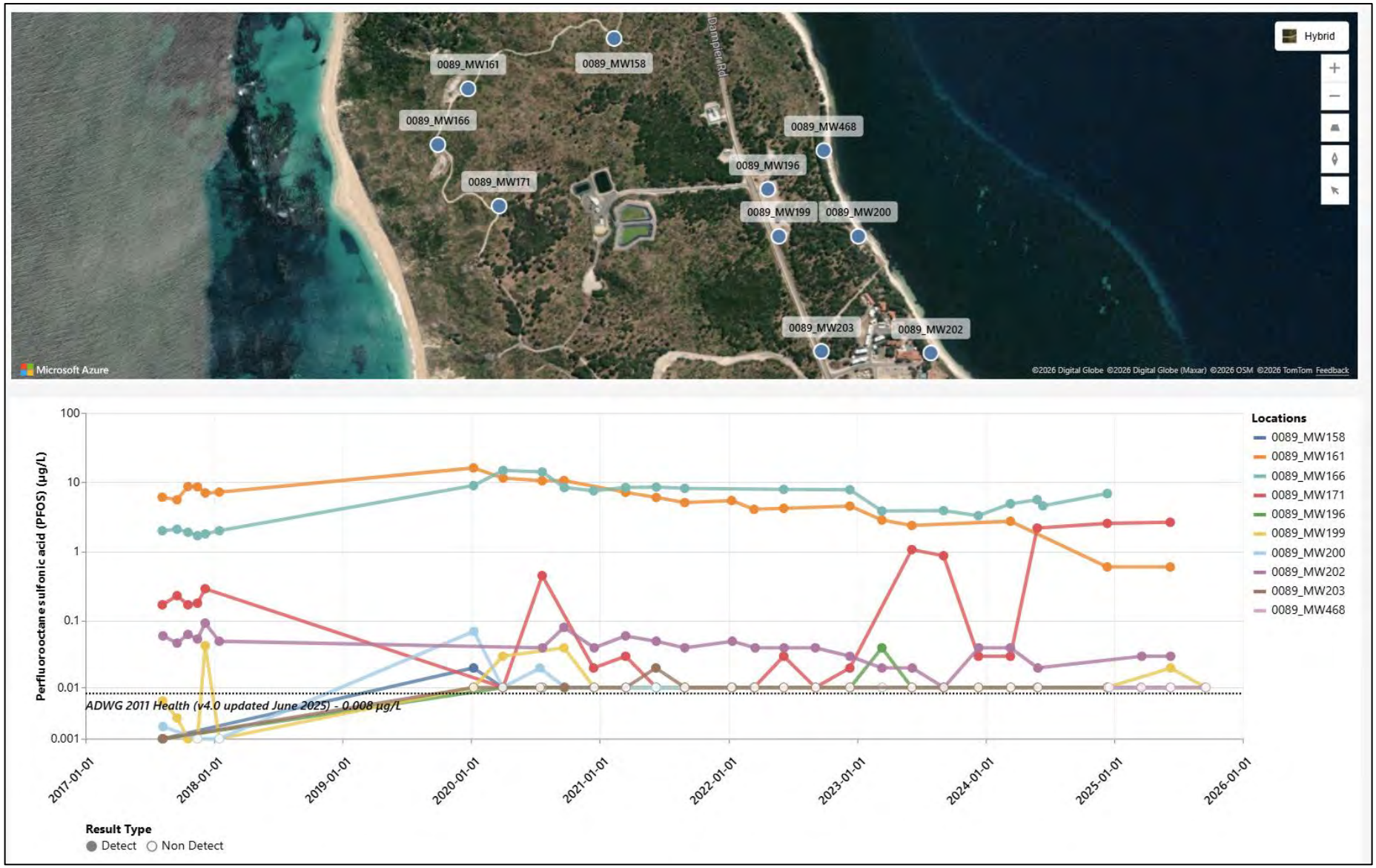

Figure E.21 Wastewater Treatment Plant (Pathway) – PFOS in groundwater

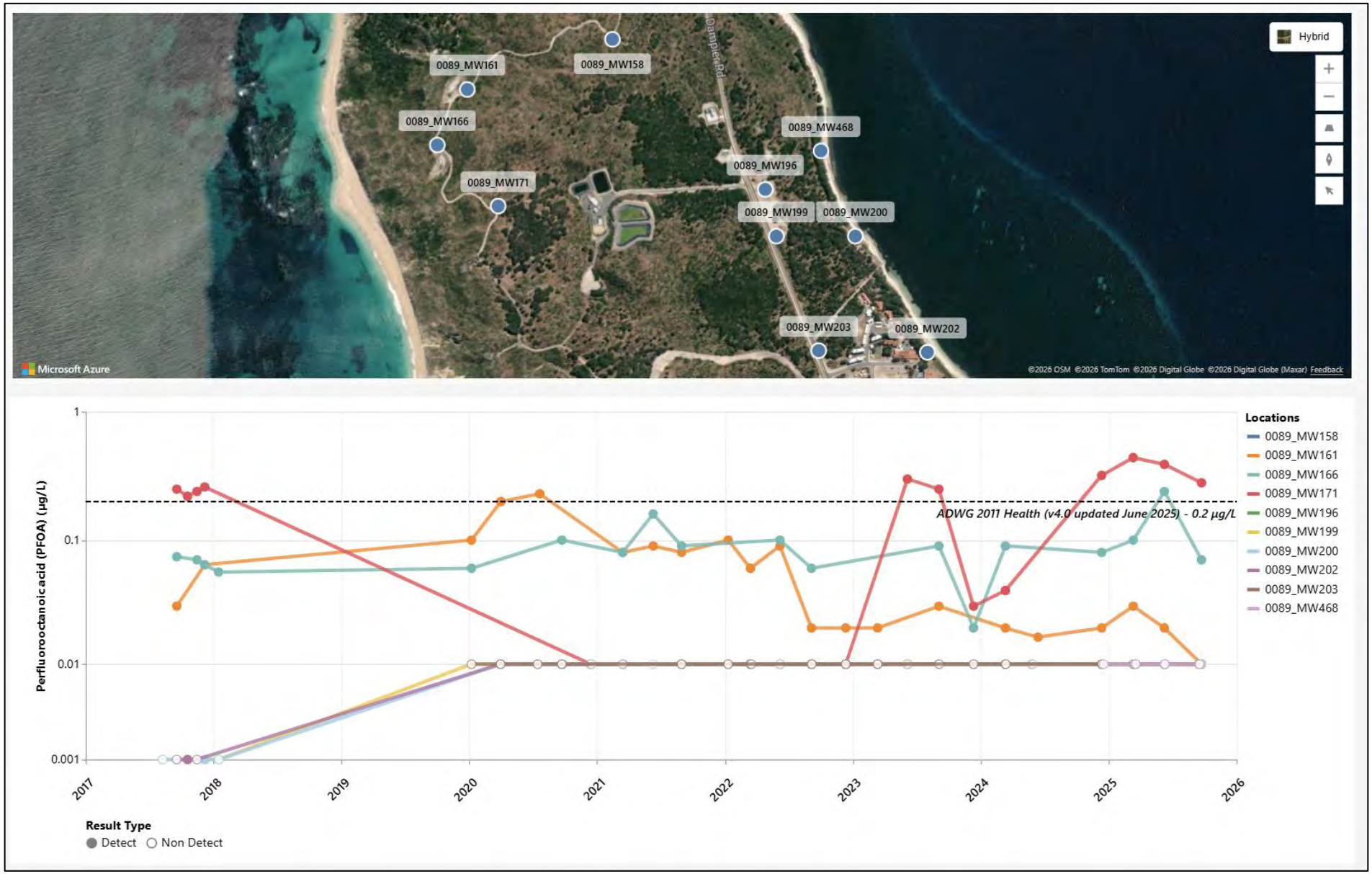

Figure E.22 Wastewater Treatment Plant (Pathway) – PFOA in groundwater

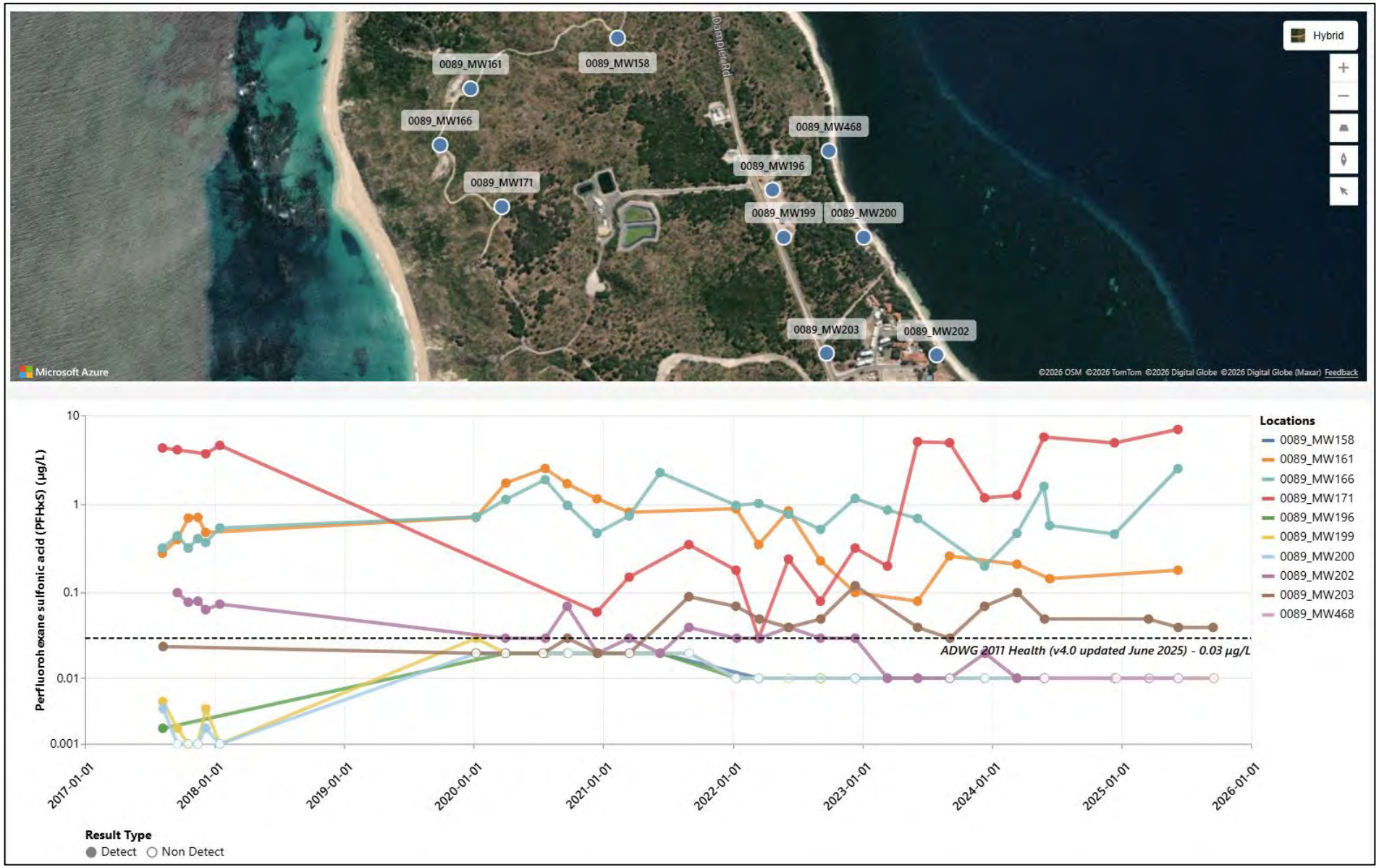

Figure E.23 Wastewater Treatment Plant (Pathway) – PFHxS in groundwater

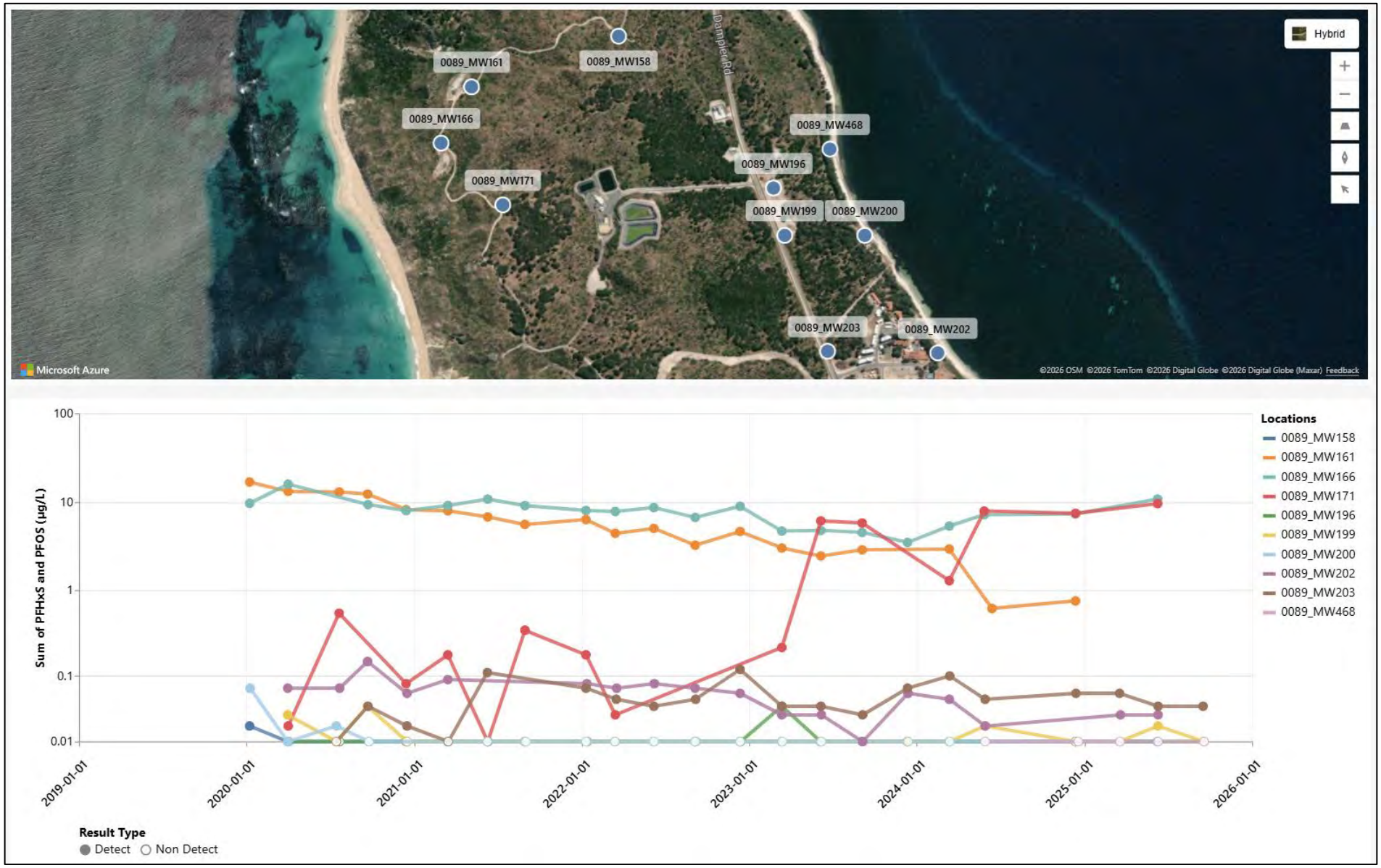

Figure E.24 Wastewater Treatment Plant (Pathway) – PFOS+PFHxS in groundwater

Helicopter Support Facility (Source)

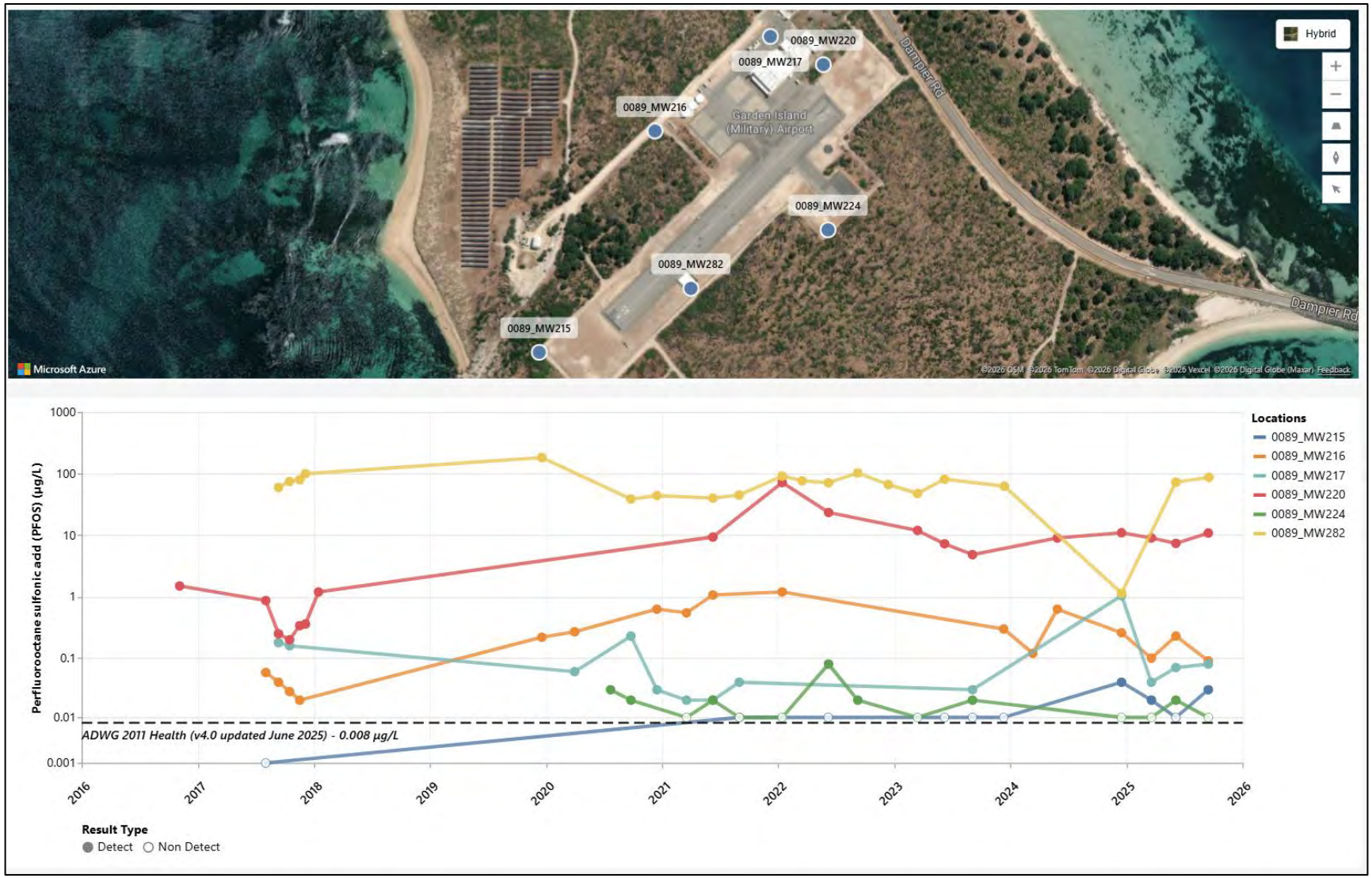

Figure E.25 Helicopter Support Facility (Source) – PFOS in groundwater

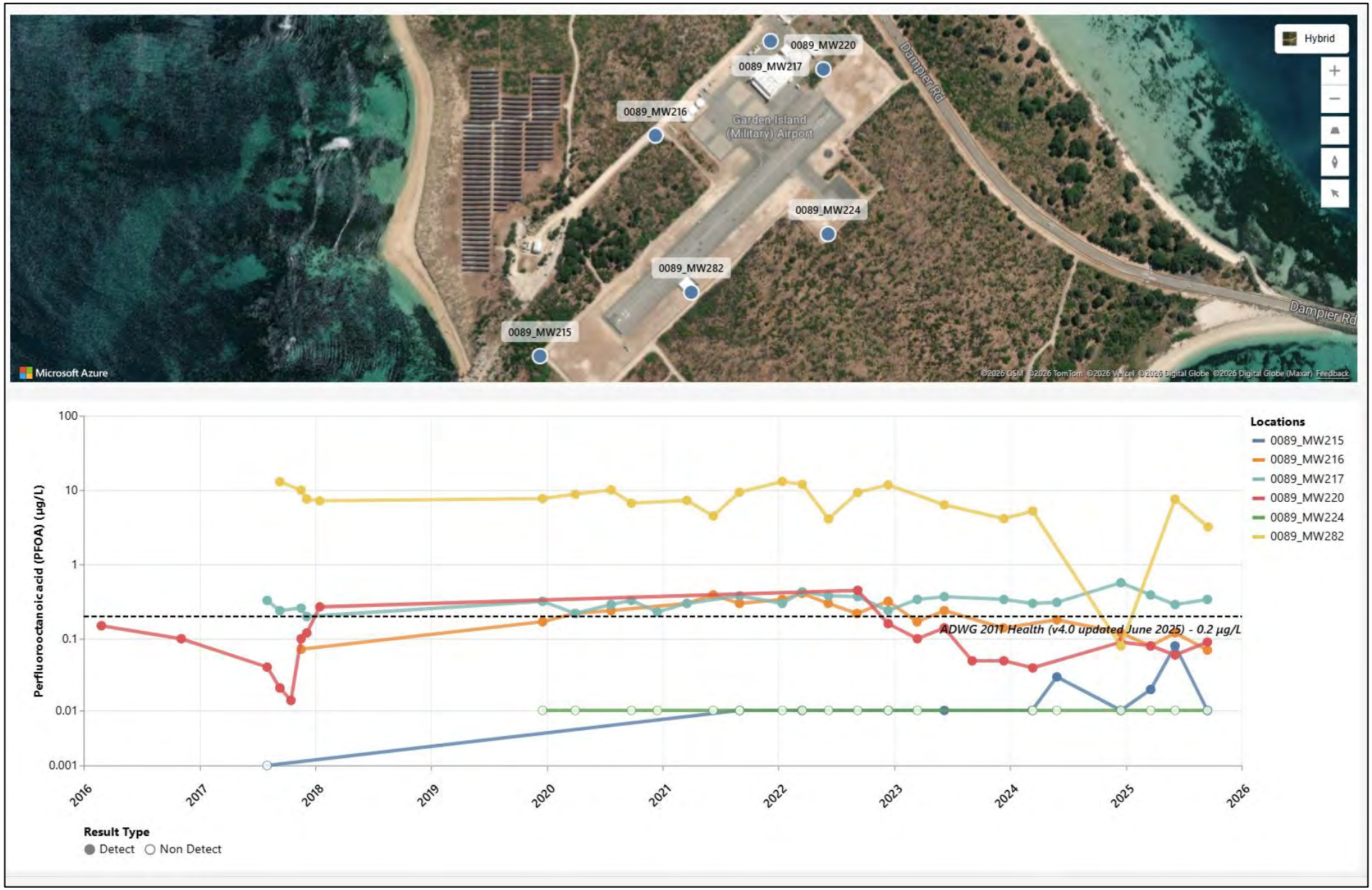

Figure E.26 Helicopter Support Facility (Source) – PFOA in groundwater

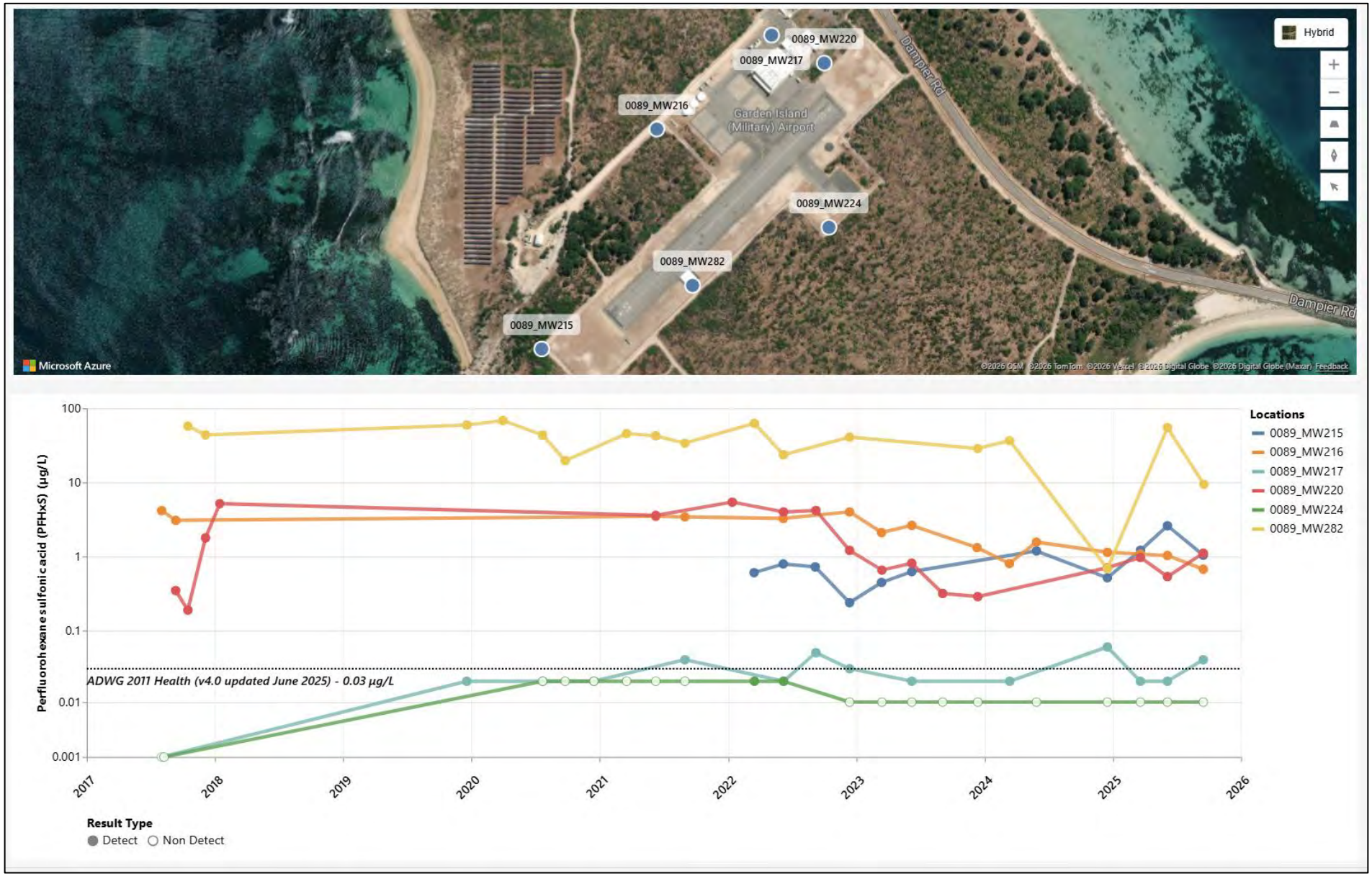

Figure E.27 Helicopter Support Facility (Source) – PFHxS in groundwater

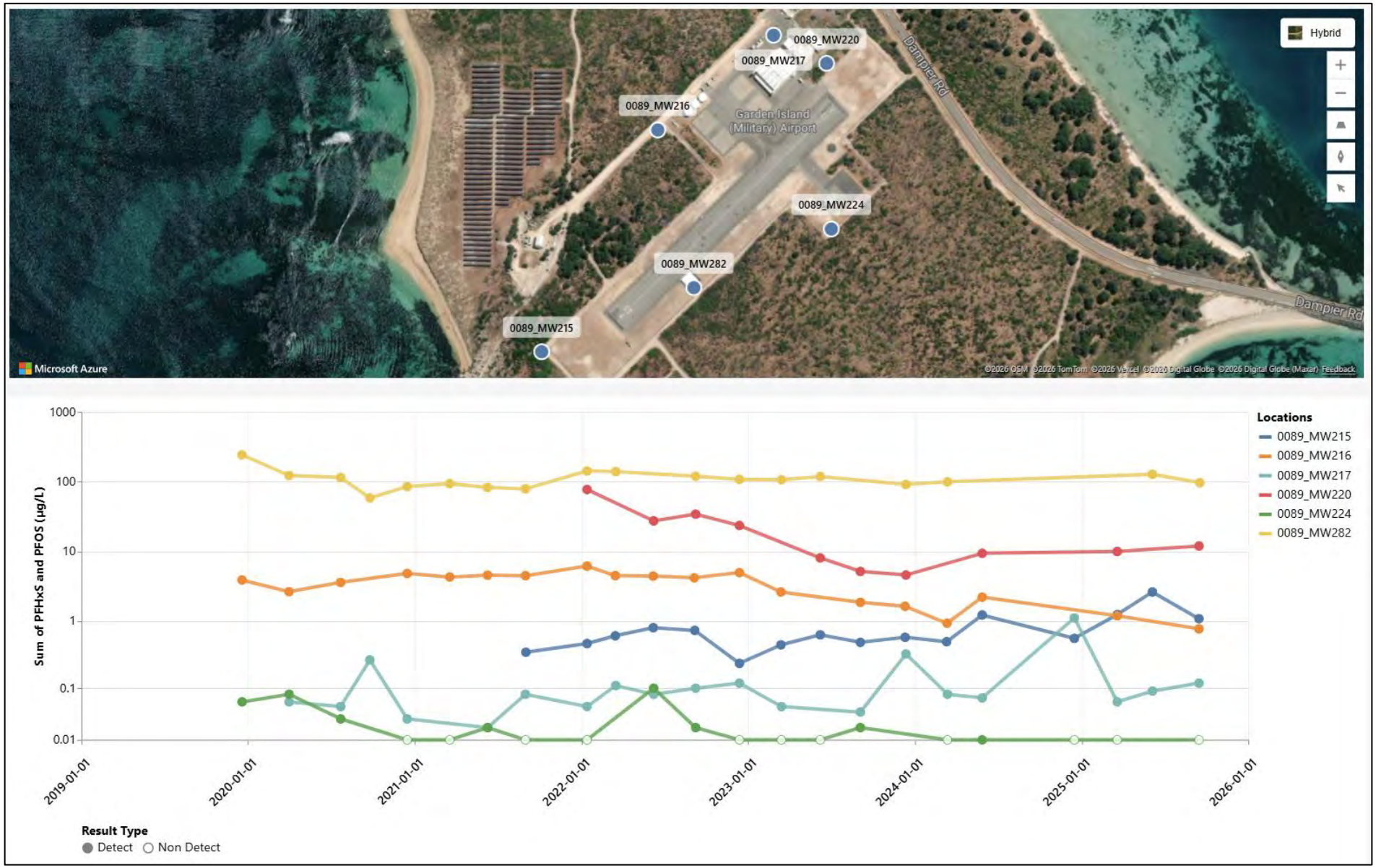

Figure E.28 Helicopter Support Facility (Source) – PFOS+PFHxS in groundwater

Helicopter Support Facility (Pathway)

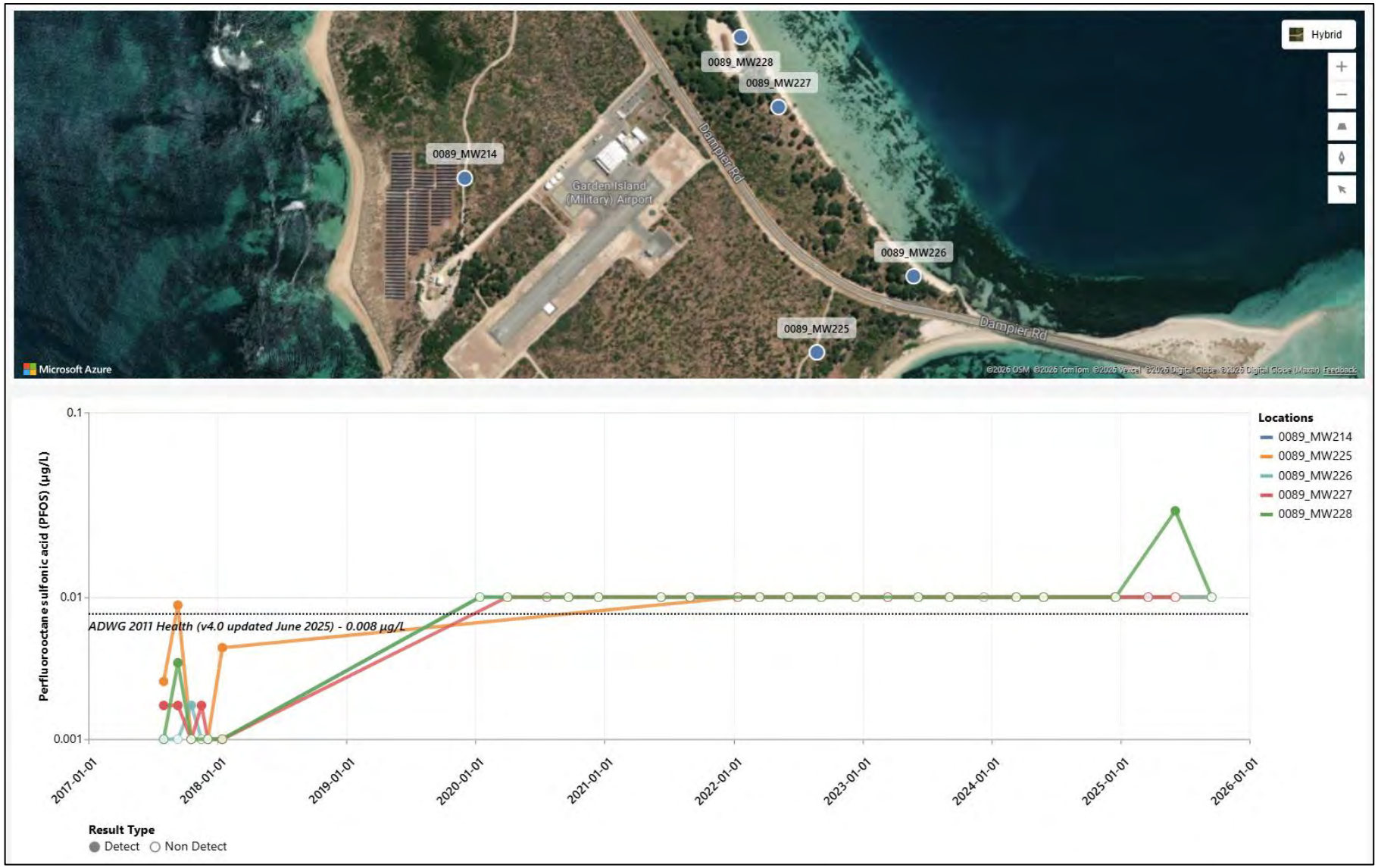

Figure E.29 Helicopter Support Facility (Pathway) – PFOS in groundwater

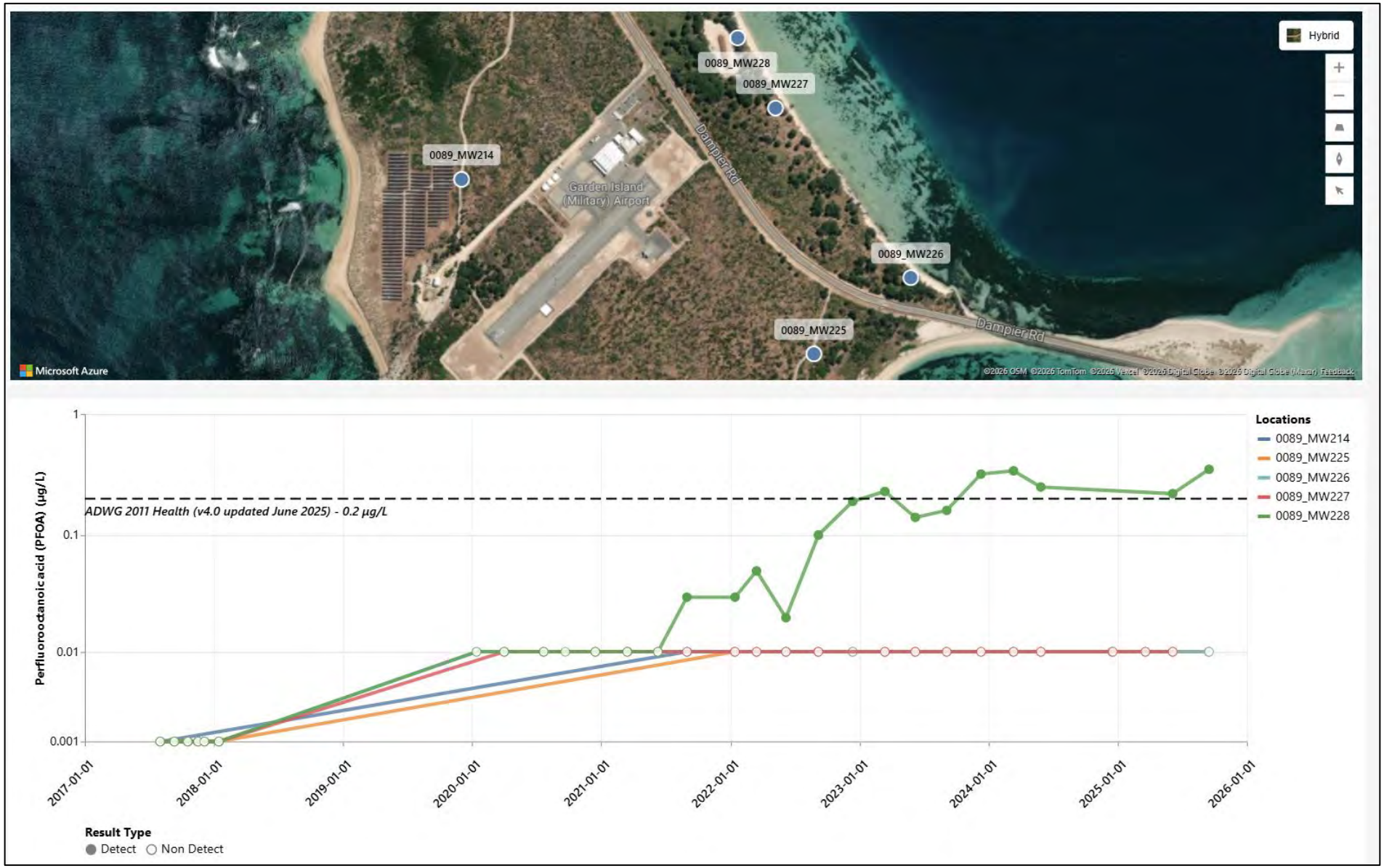

Figure E.30 Helicopter Support Facility (Pathway) – PFOA in groundwater



Figure E.31 Helicopter Support Facility (Pathway) – PFHxS in groundwater

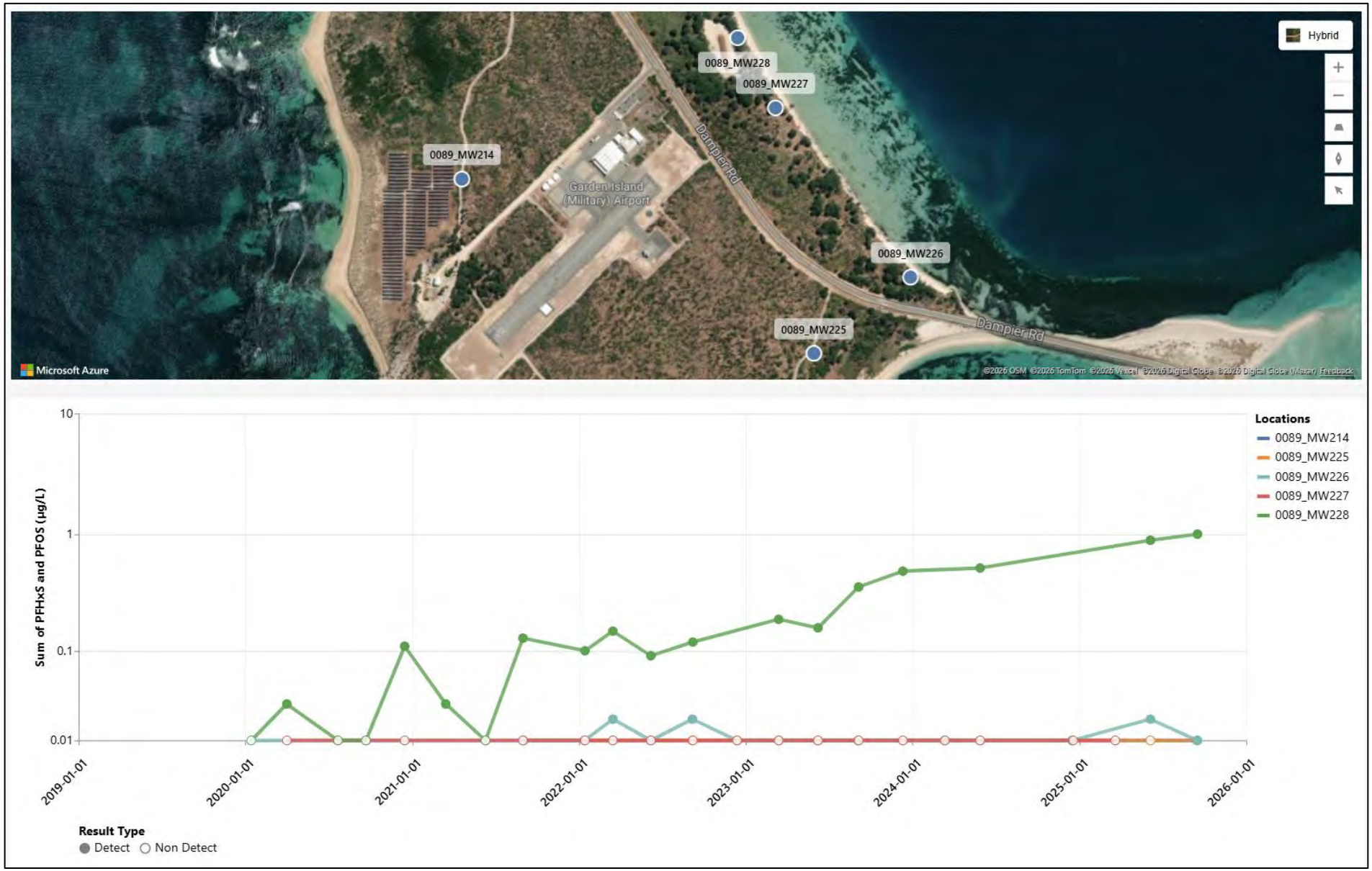

Figure E.32 Helicopter Support Facility (Pathway) – PFOS+PFHxS in groundwater

Accommodation Area (Source)

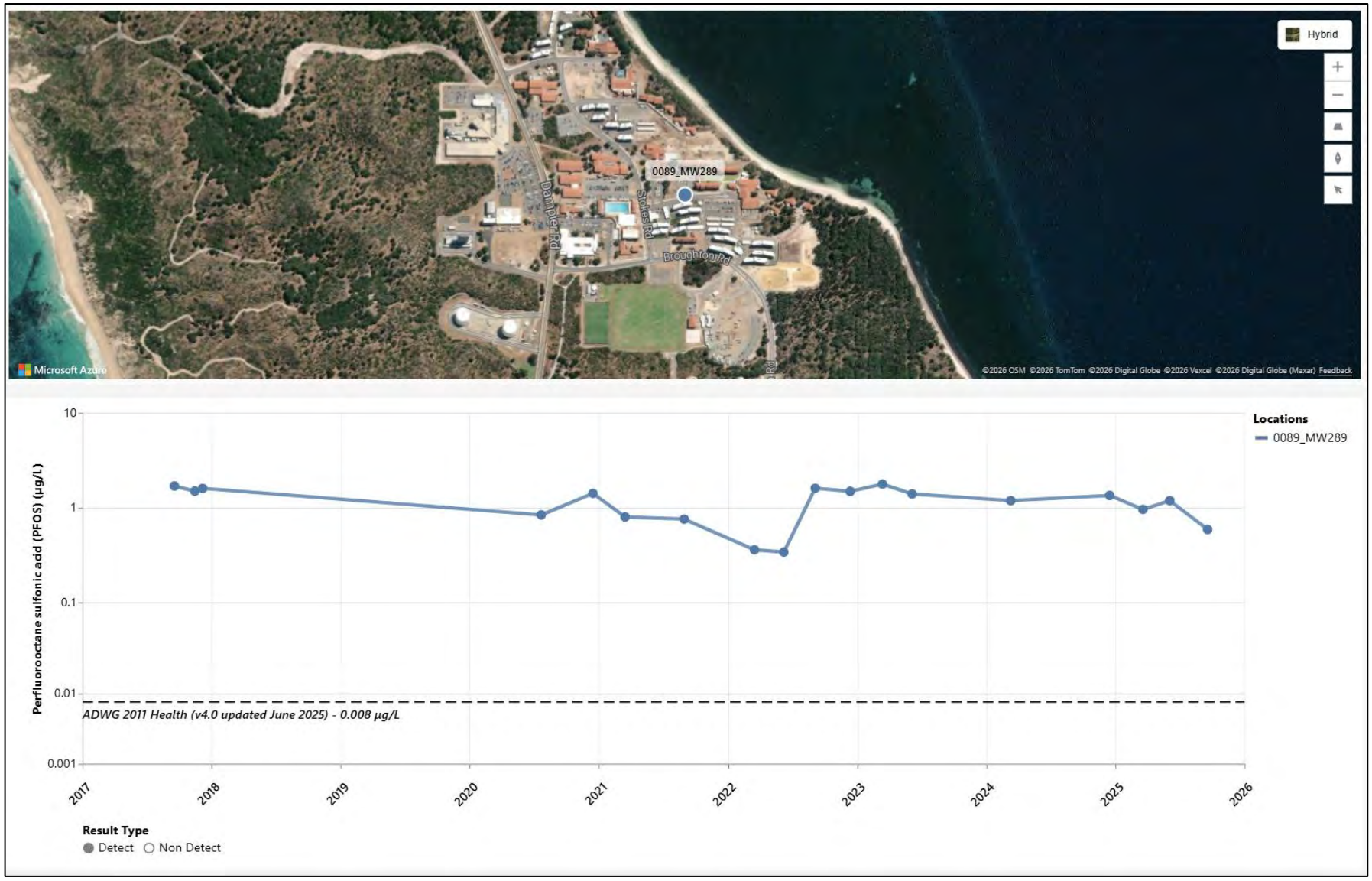

Figure E.33 Accommodation Area (Source) – PFOS in groundwater



Figure E.34 Accommodation Area (Source) – PFOA in groundwater

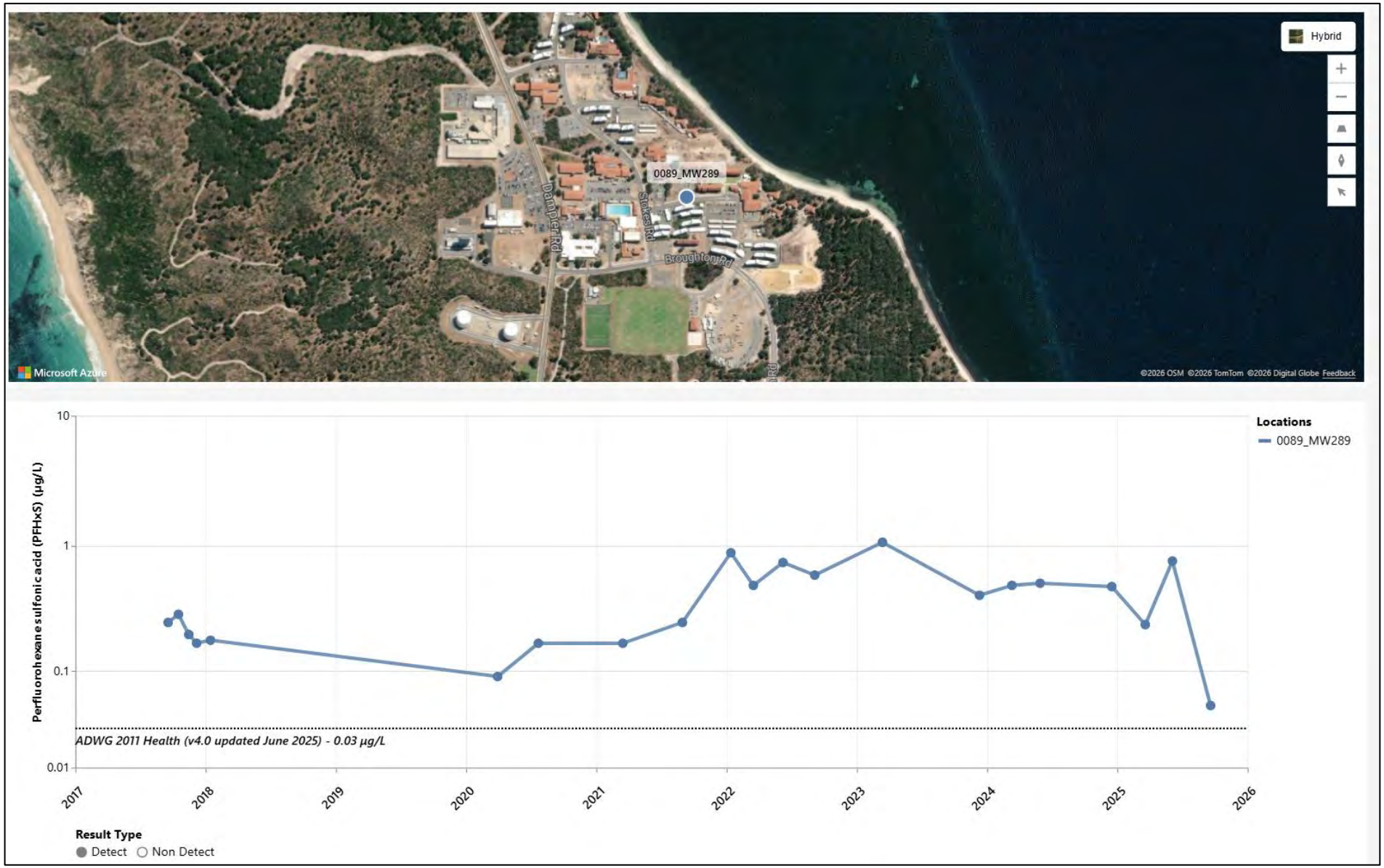

Figure E.35 Accommodation Area (Source) – PFHxS in groundwater

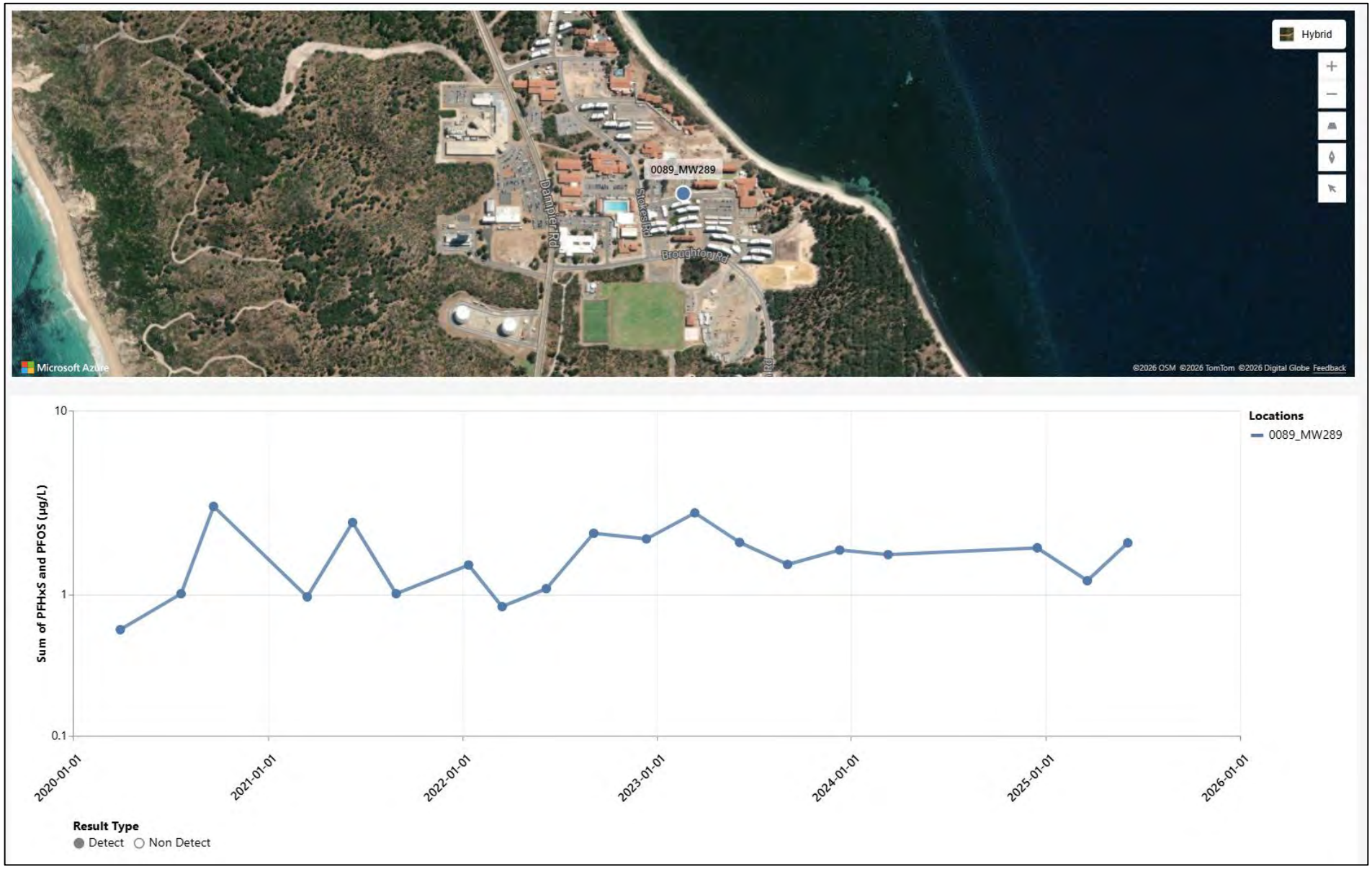

Figure E.36 Accommodation Area (Source) – PFOS+PFHxS in groundwater

Accommodation Area (Pathway)

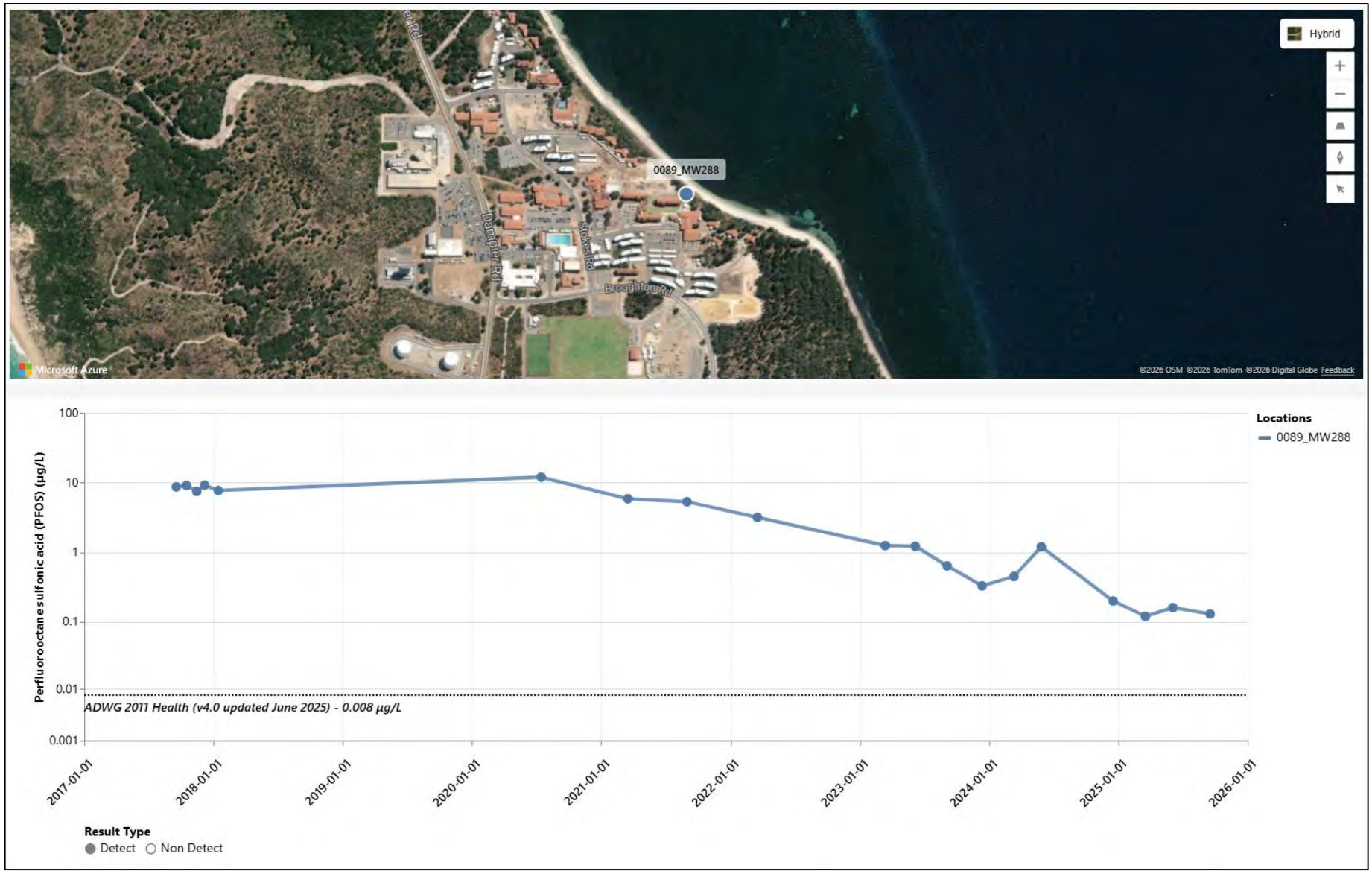

Figure E.37 Accommodation Area (Pathway) – PFOS in groundwater

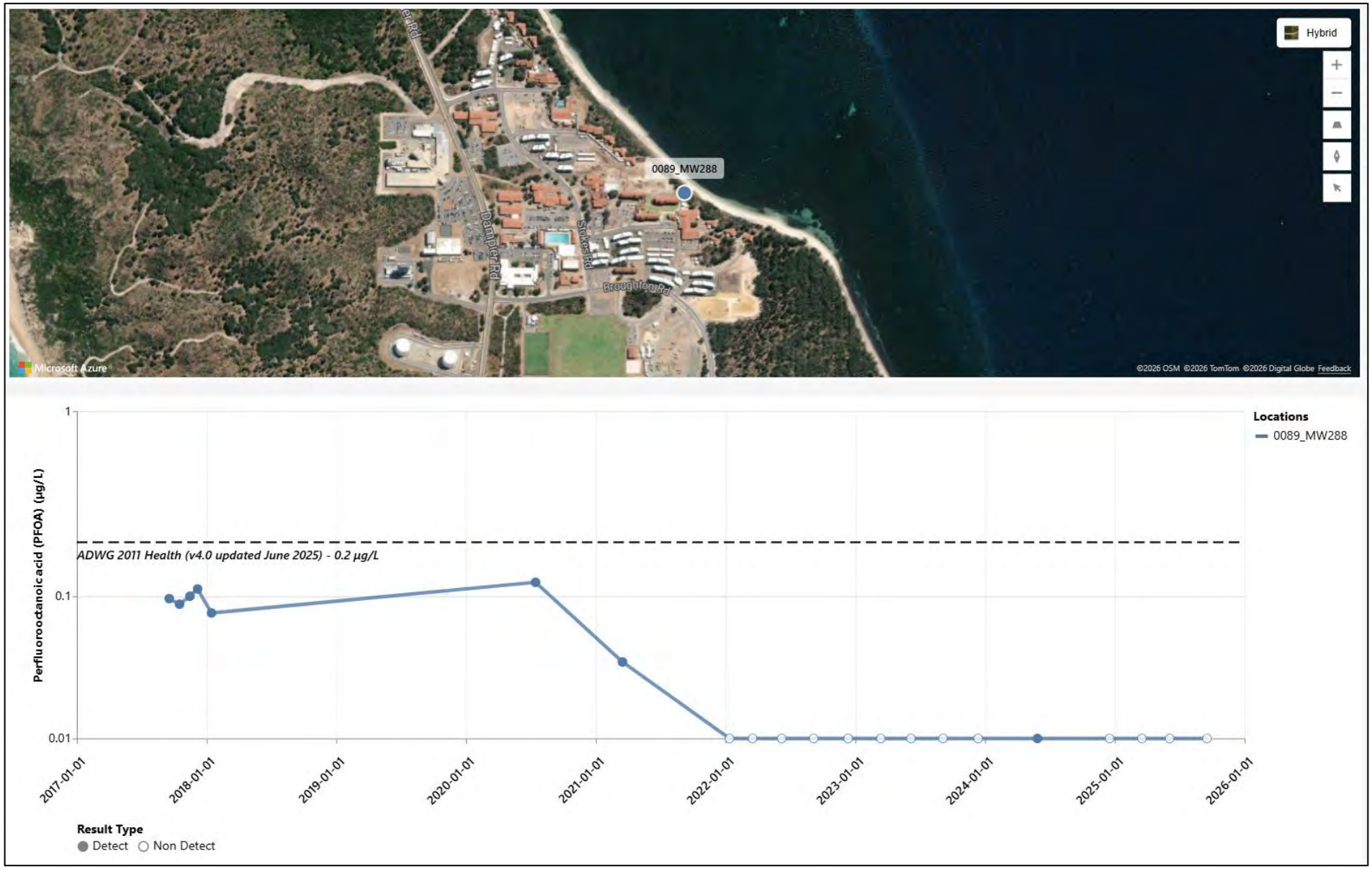

Figure E.38 Accommodation Area (Pathway) – PFOA in groundwater

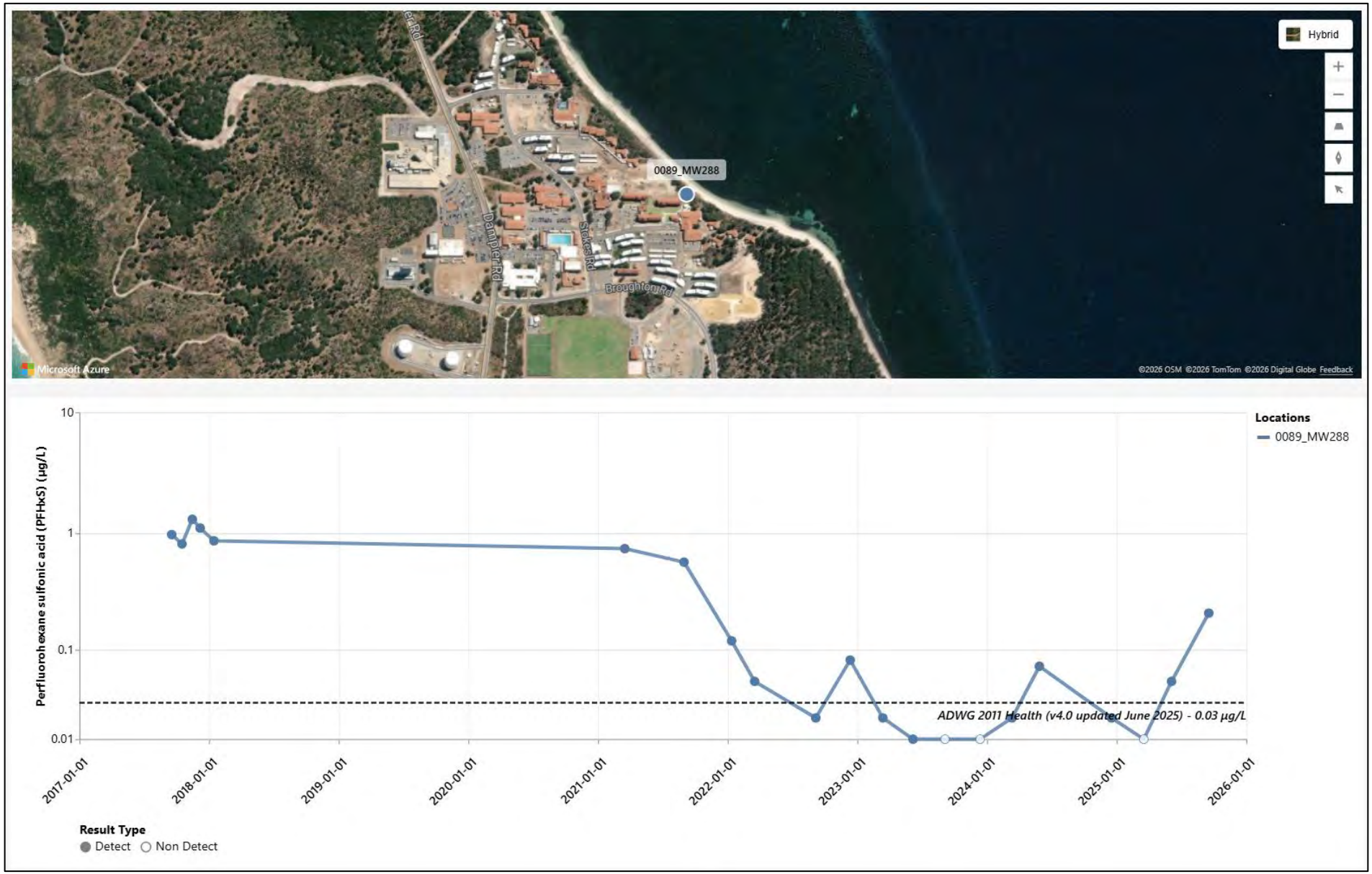

Figure E.39 Accommodation Area (Pathway) – PFHxS in groundwater

Dredged Sediments (Source)

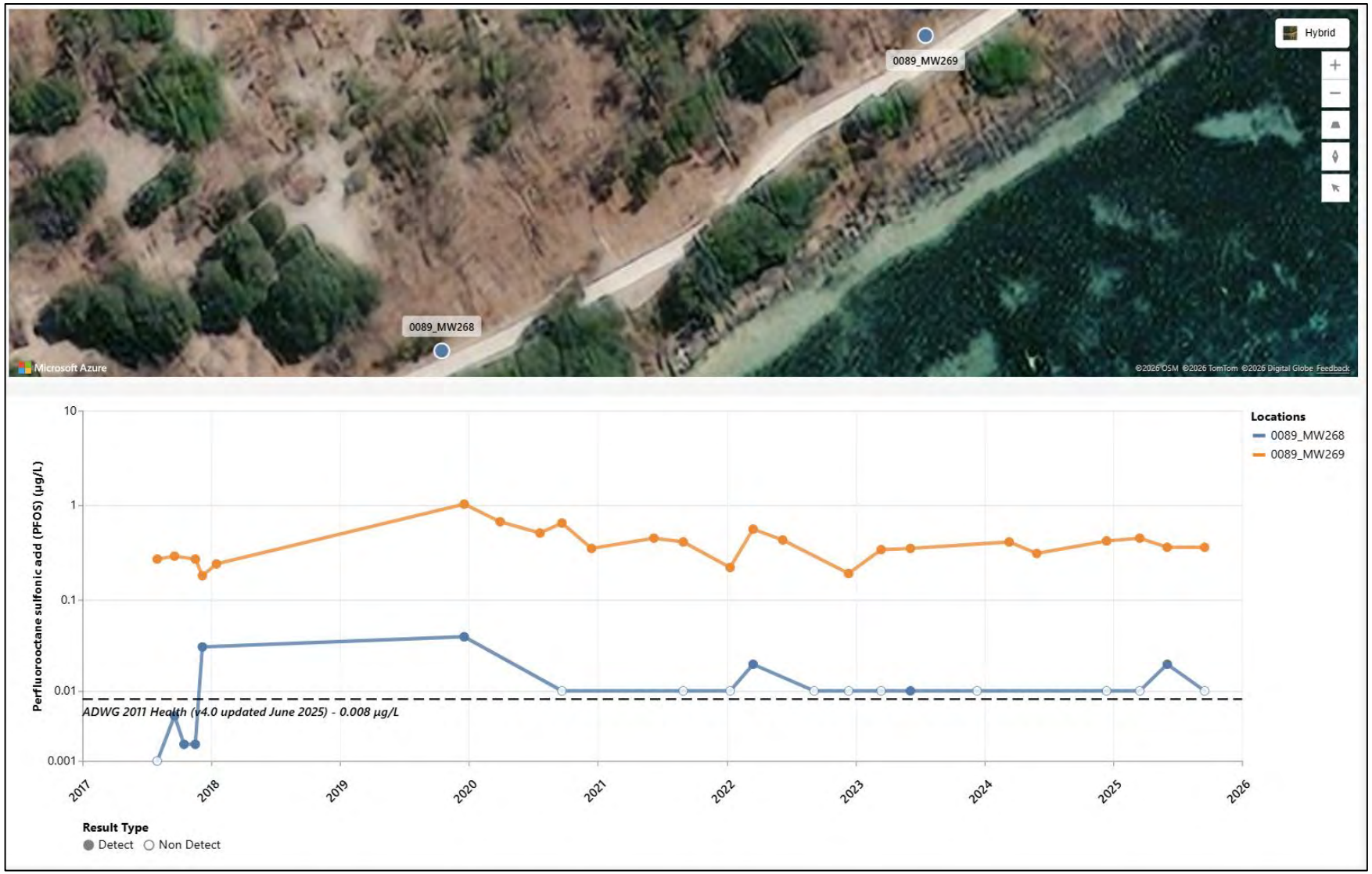

Figure E.40 Dredged Sediments (Source) – PFOS in groundwater



Figure E.41 Dredged Sediments (Source) – PFOA in groundwater



Figure E.42 Dredged Sediments (Source) – PFHxS in groundwater



Figure E.43 Dredged Sediments (Source) – PFOS+PFHxS in groundwater

Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Source)

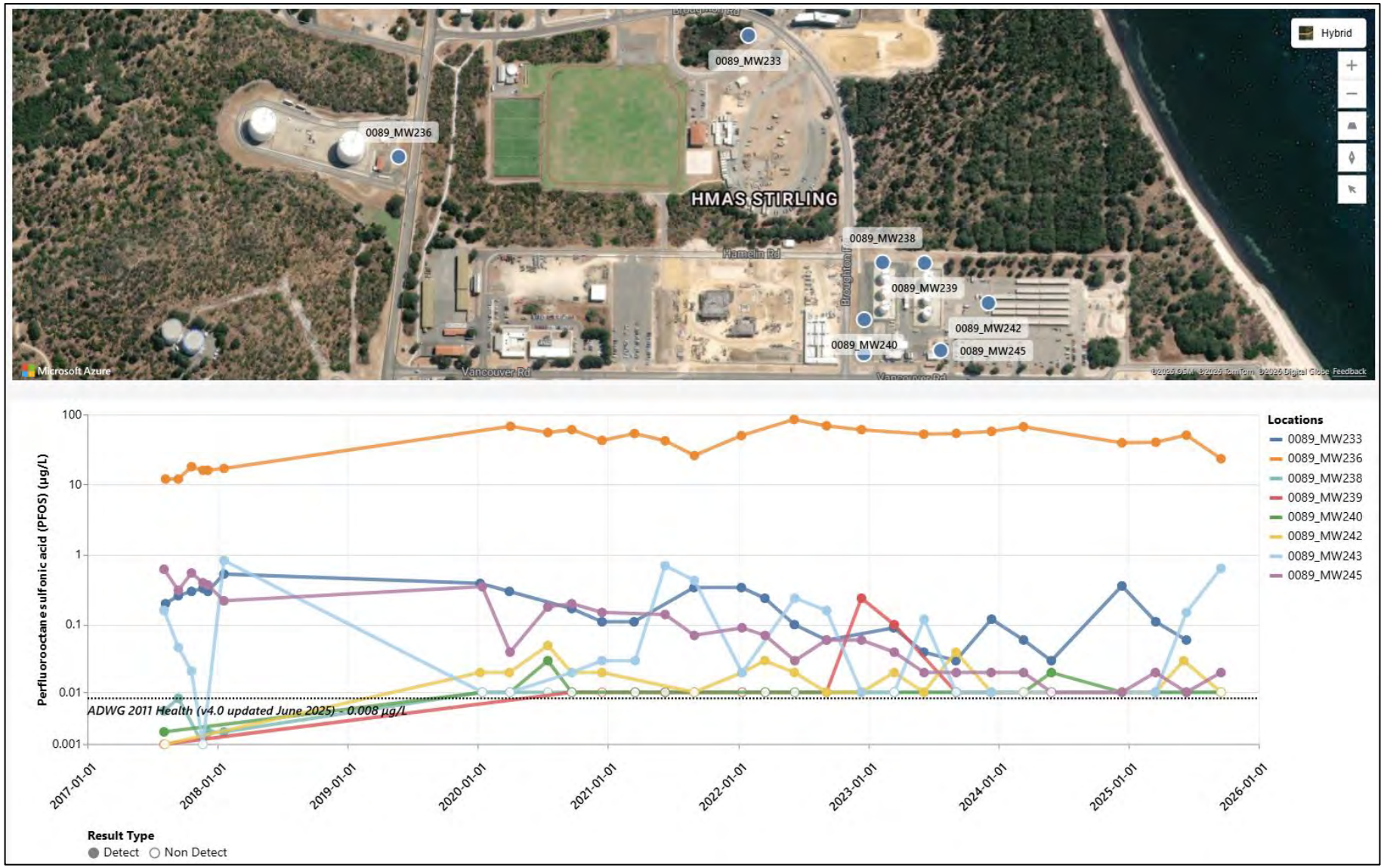

Figure E.44 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Source) – PFOS in groundwater

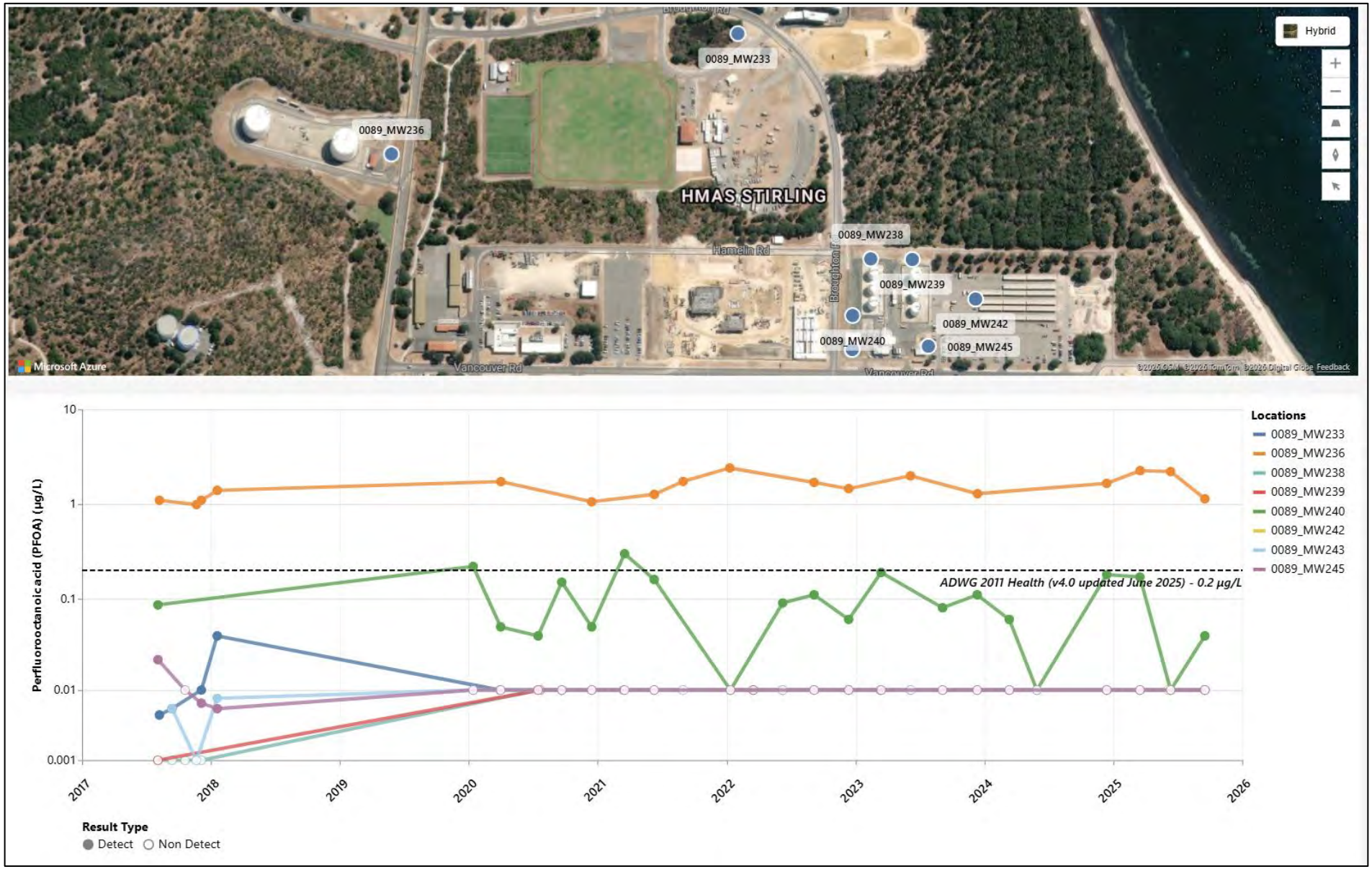

Figure E.45 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Source) – PFOA in groundwater

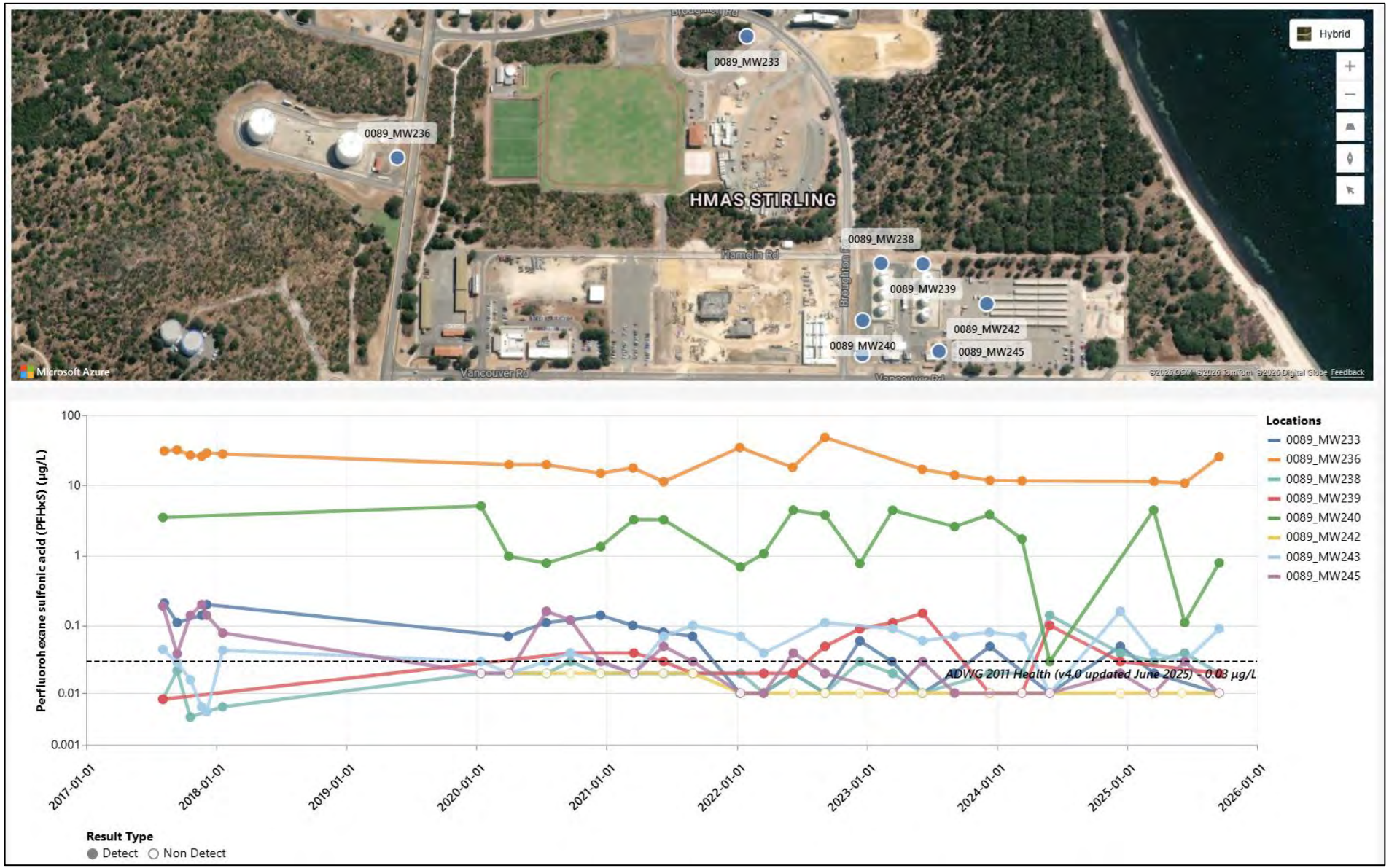

Figure E.46 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Source) – PFHxS in groundwater

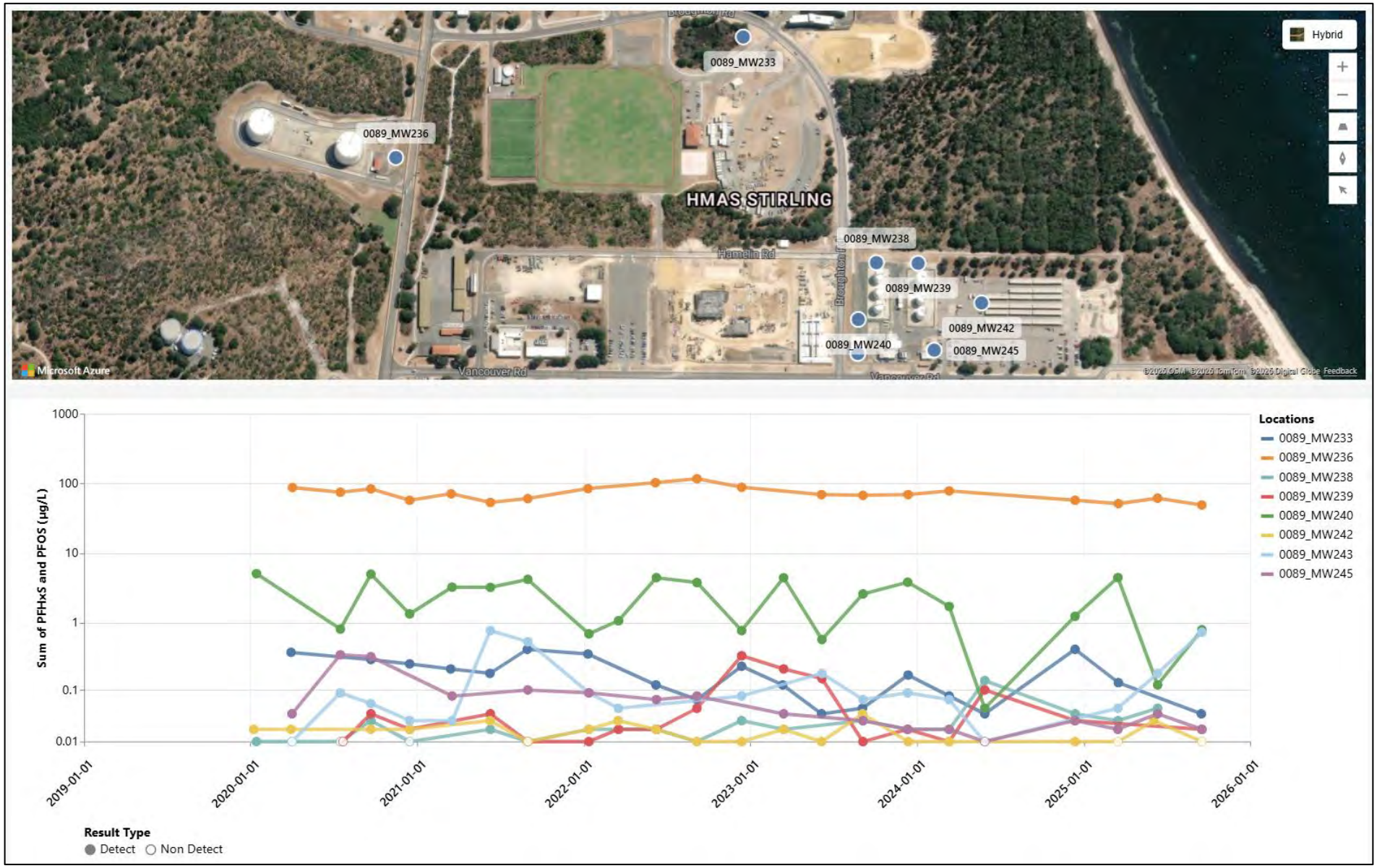

Figure E.47 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Source) – PFOS+PFHxS in groundwater

Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Pathway)



Figure E.48 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Pathway) – PFOS in groundwater



Figure E.49 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Pathway) – PFOA in groundwater

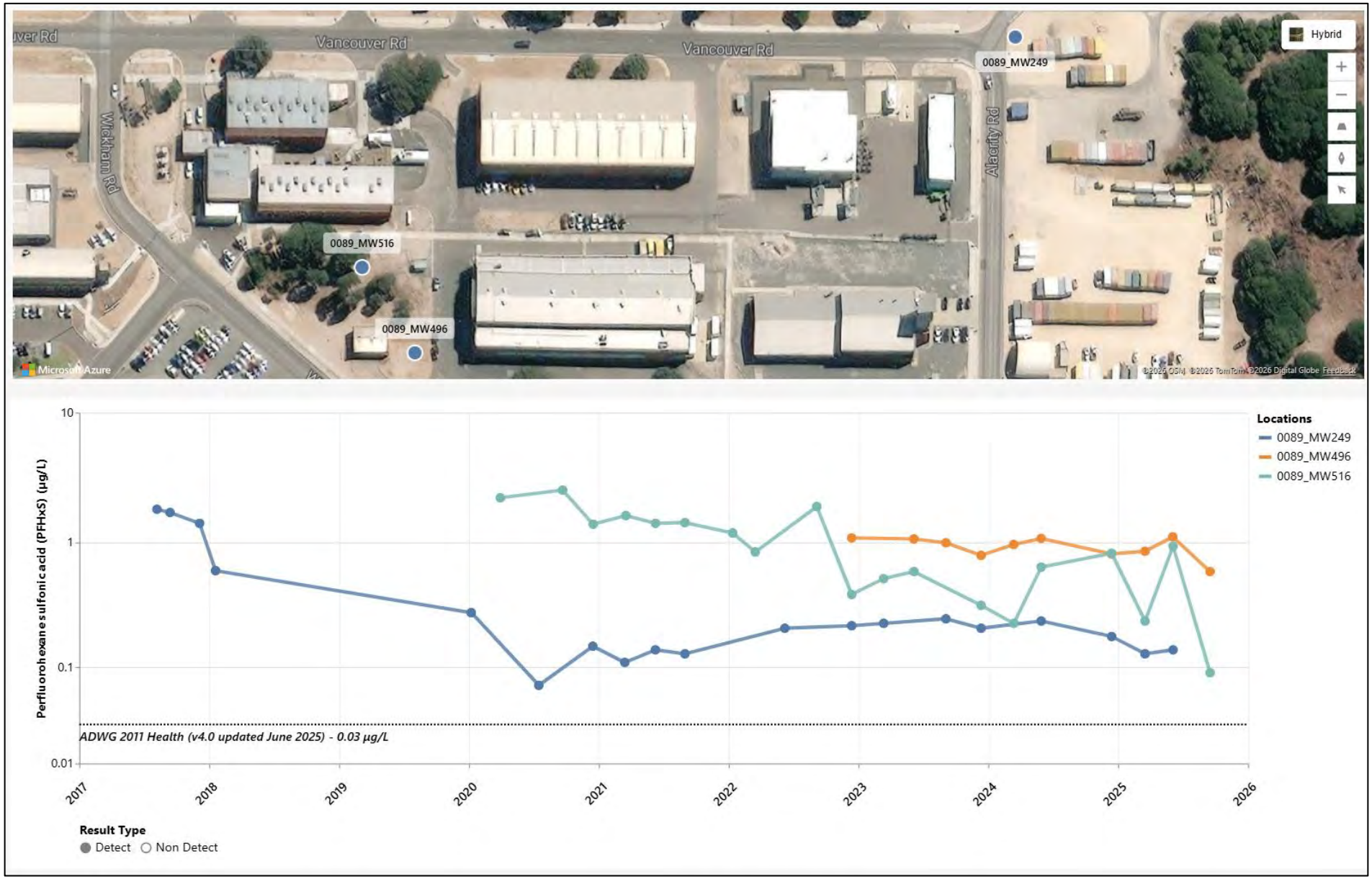

Figure E.50 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Pathway) – PFHxS in groundwater

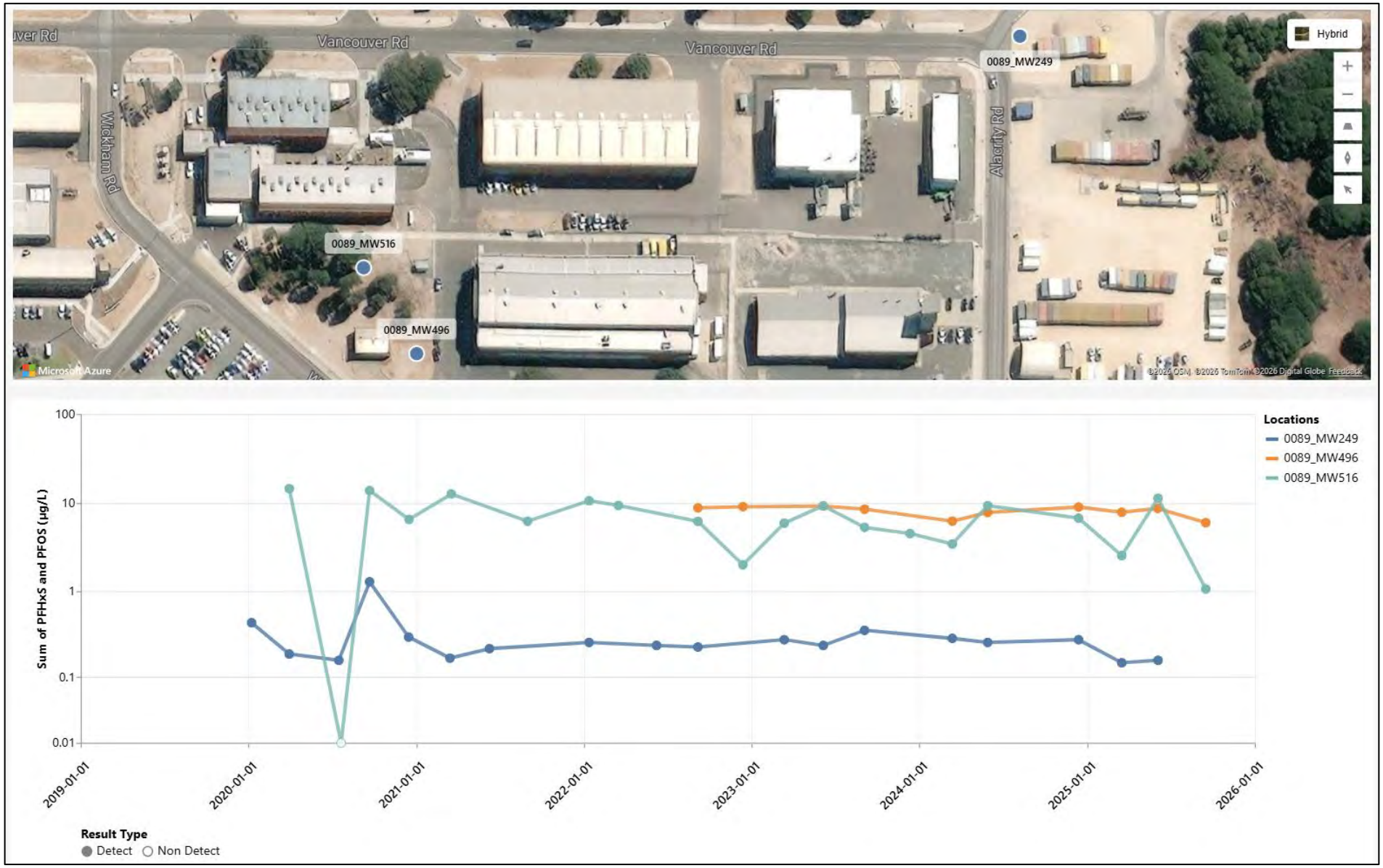

Figure E.51 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Pathway) – PFOS+PFHxS in groundwater

Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Source)

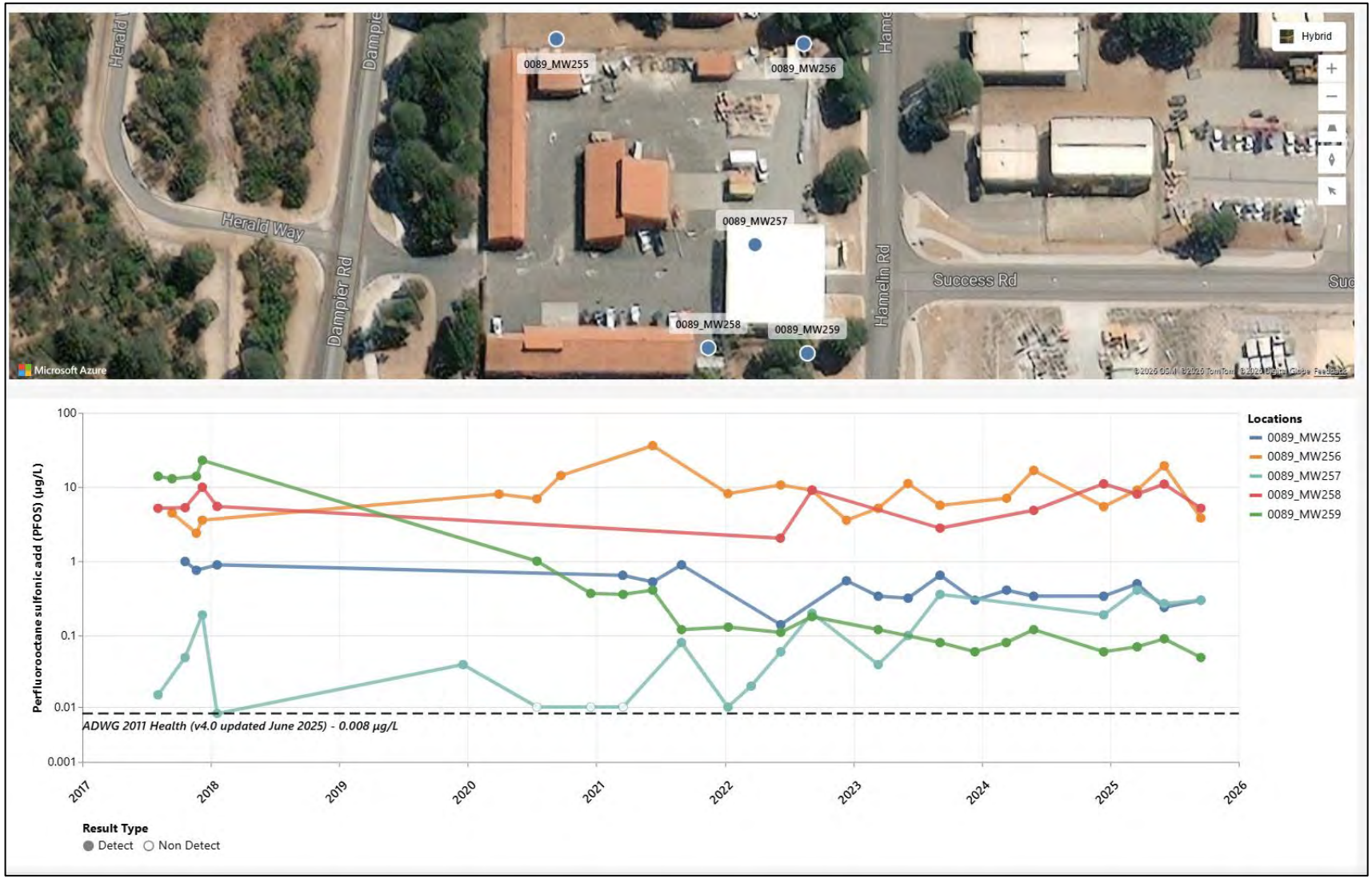

Figure E.52 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Source) – PFOS in groundwater

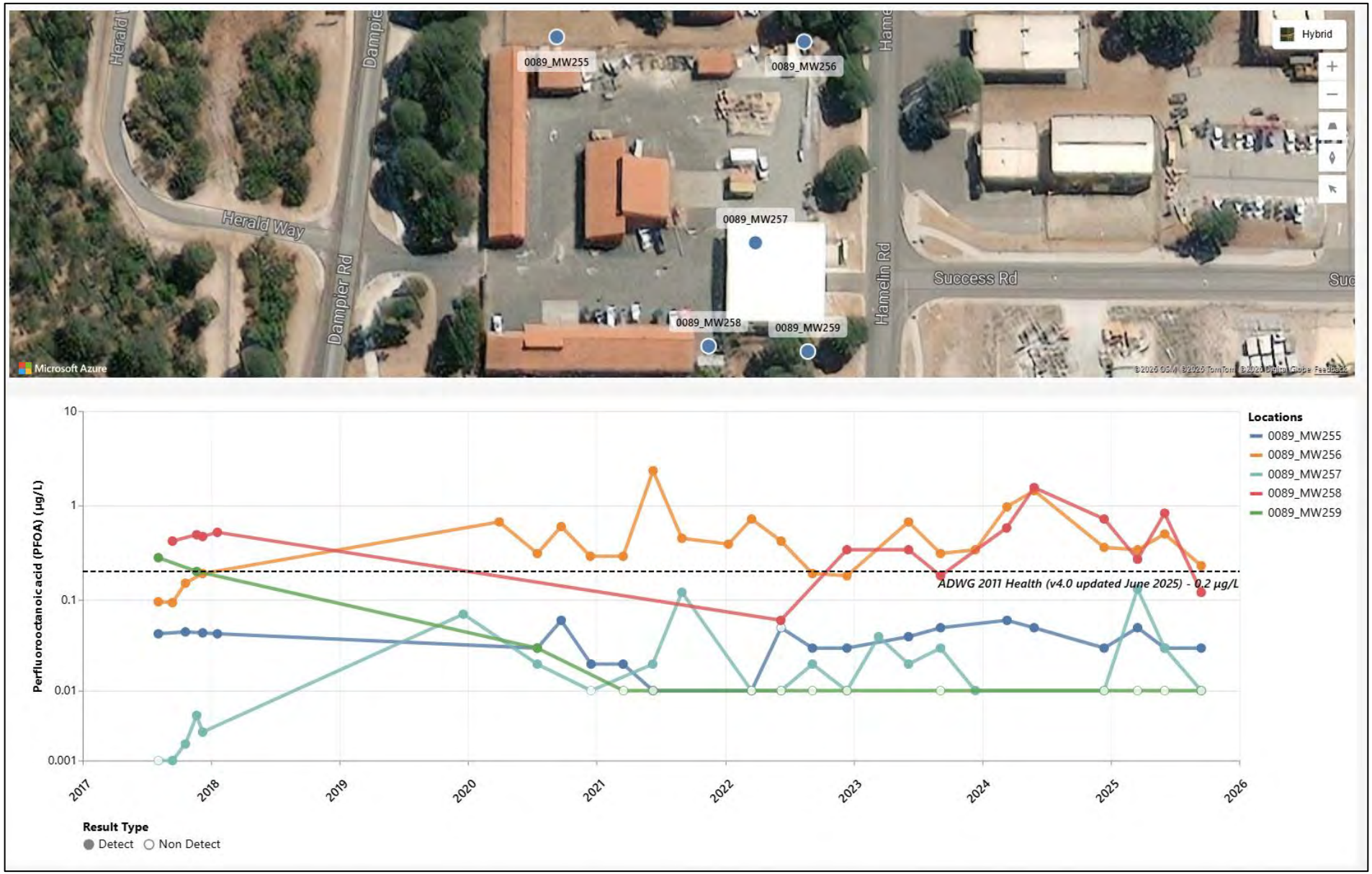

Figure E.53 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Source) – PFOA in groundwater

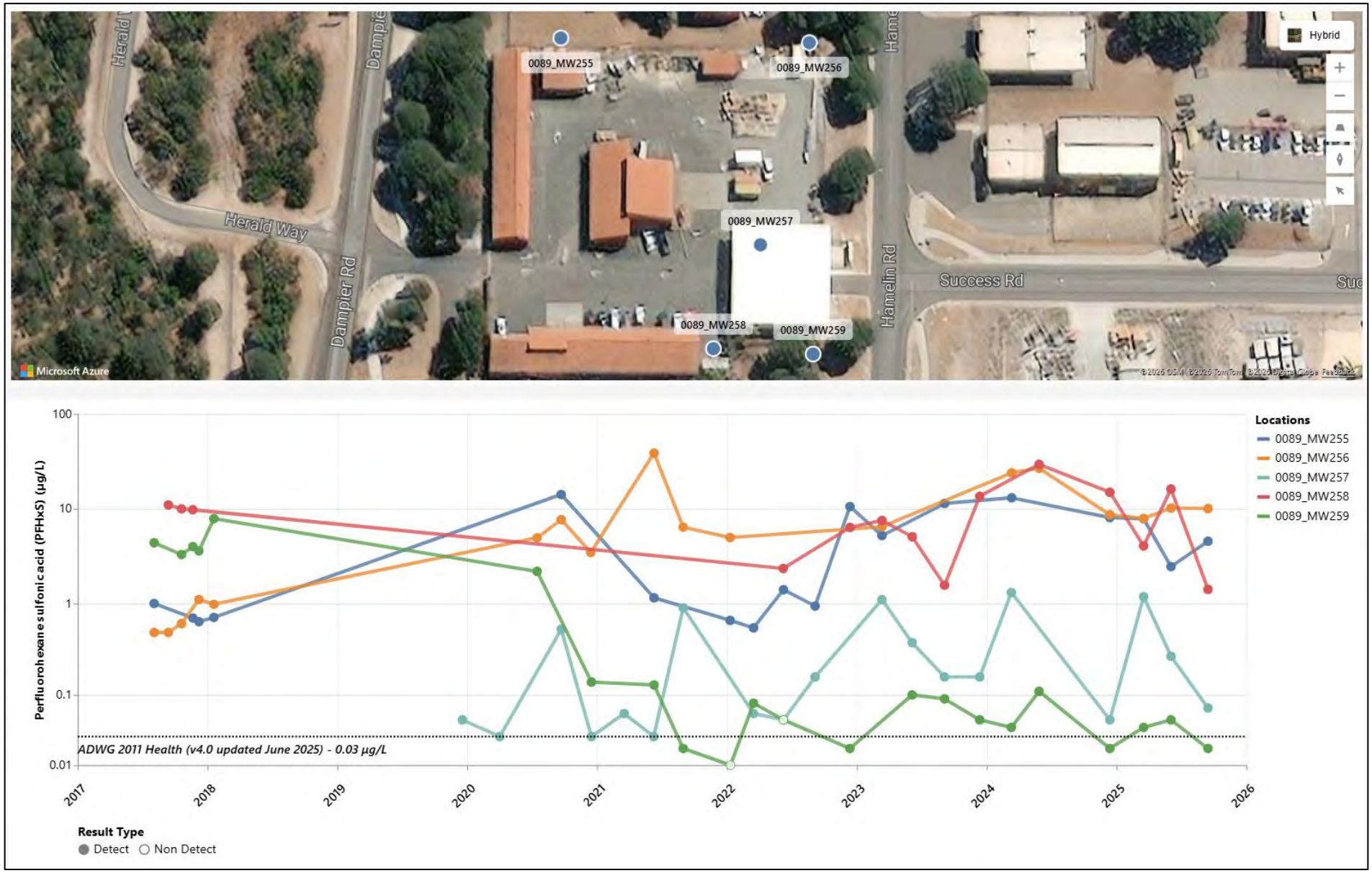

Figure E.54 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Source) – PFHxS in groundwater

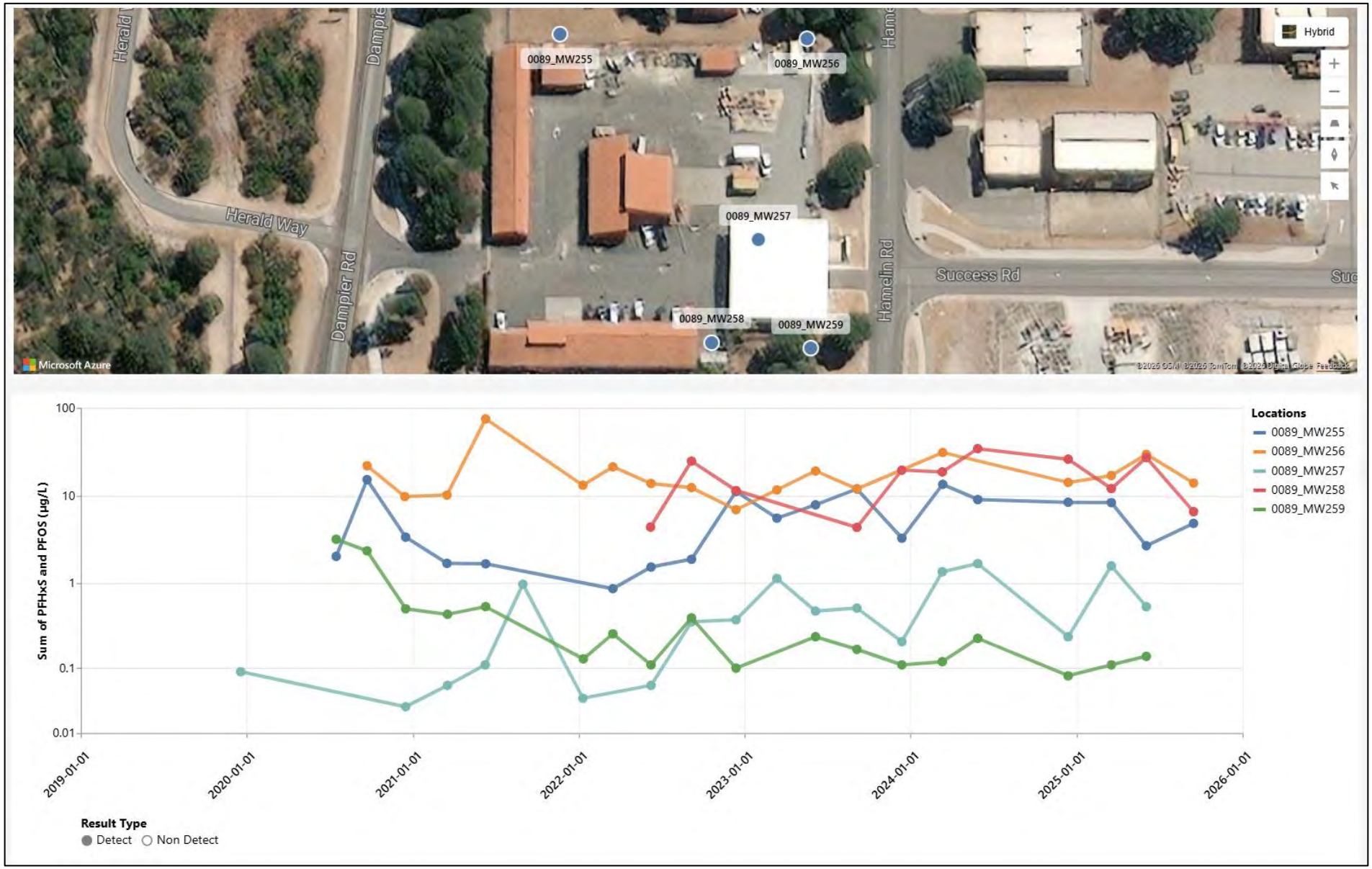

Figure E.55 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Source) – PFOS+PFHxS in groundwater

Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Pathway)

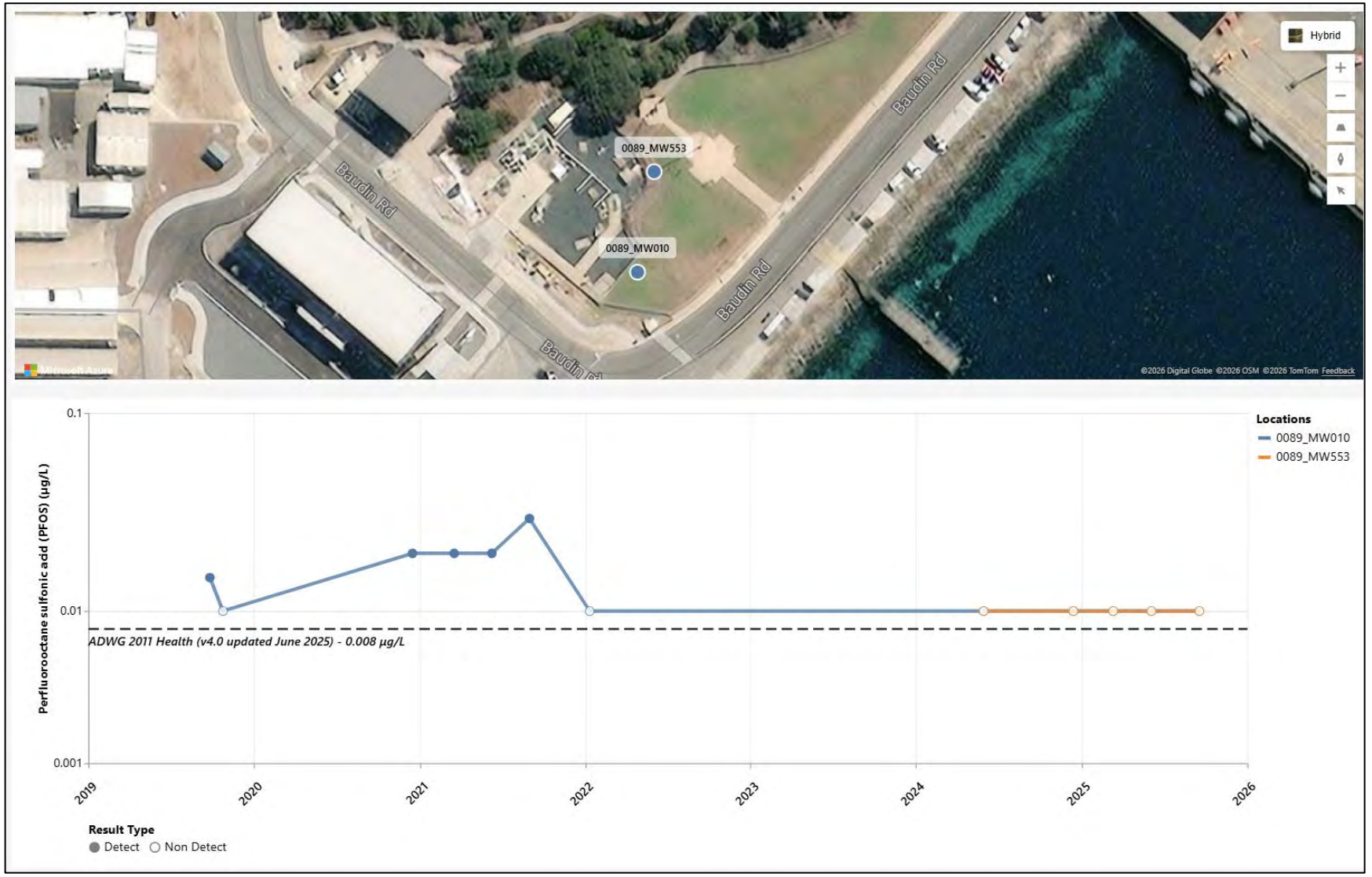

Figure E.56 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Pathway) – PFOS in groundwater

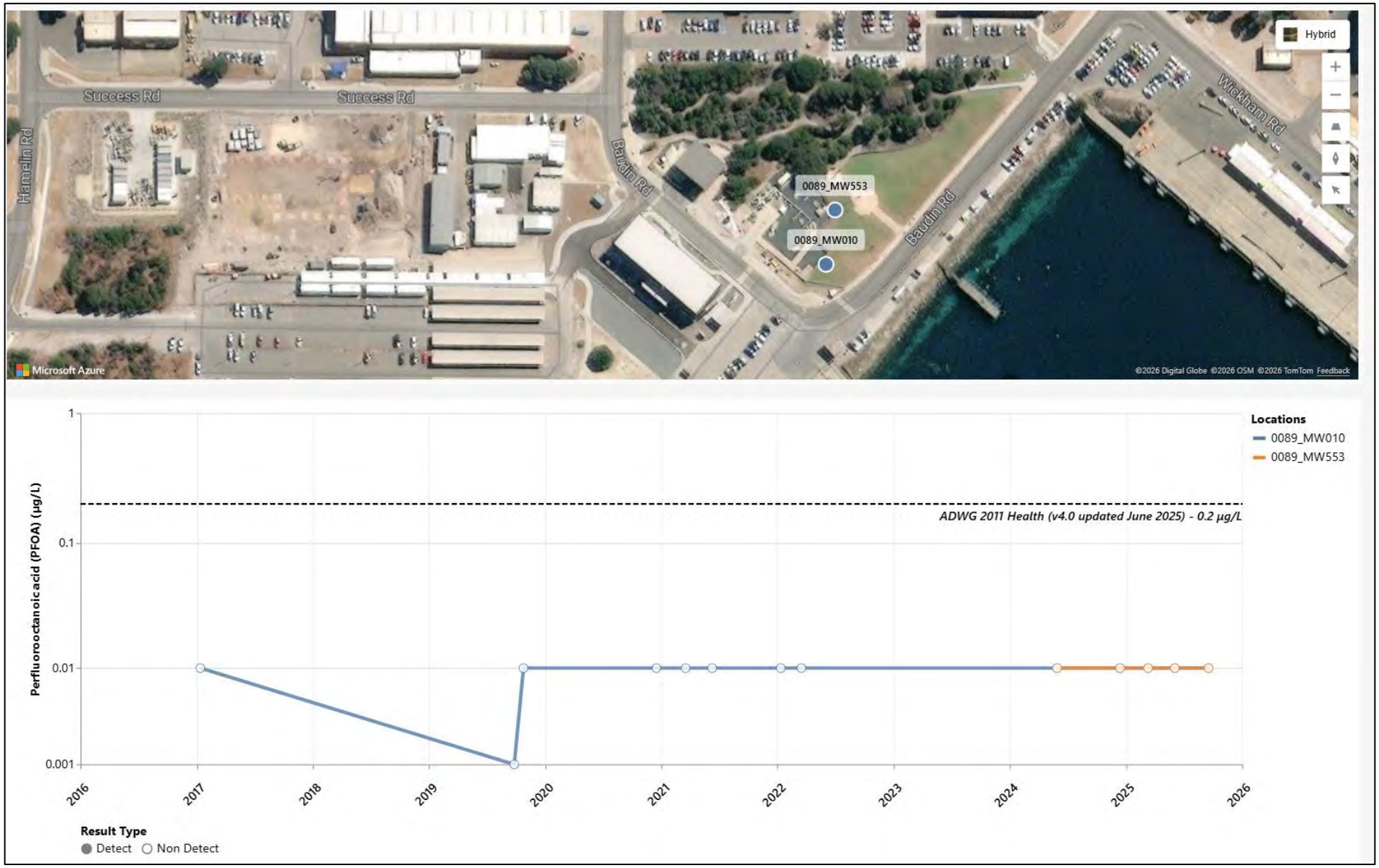

Figure E.57 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Pathway) – PFOA in groundwater

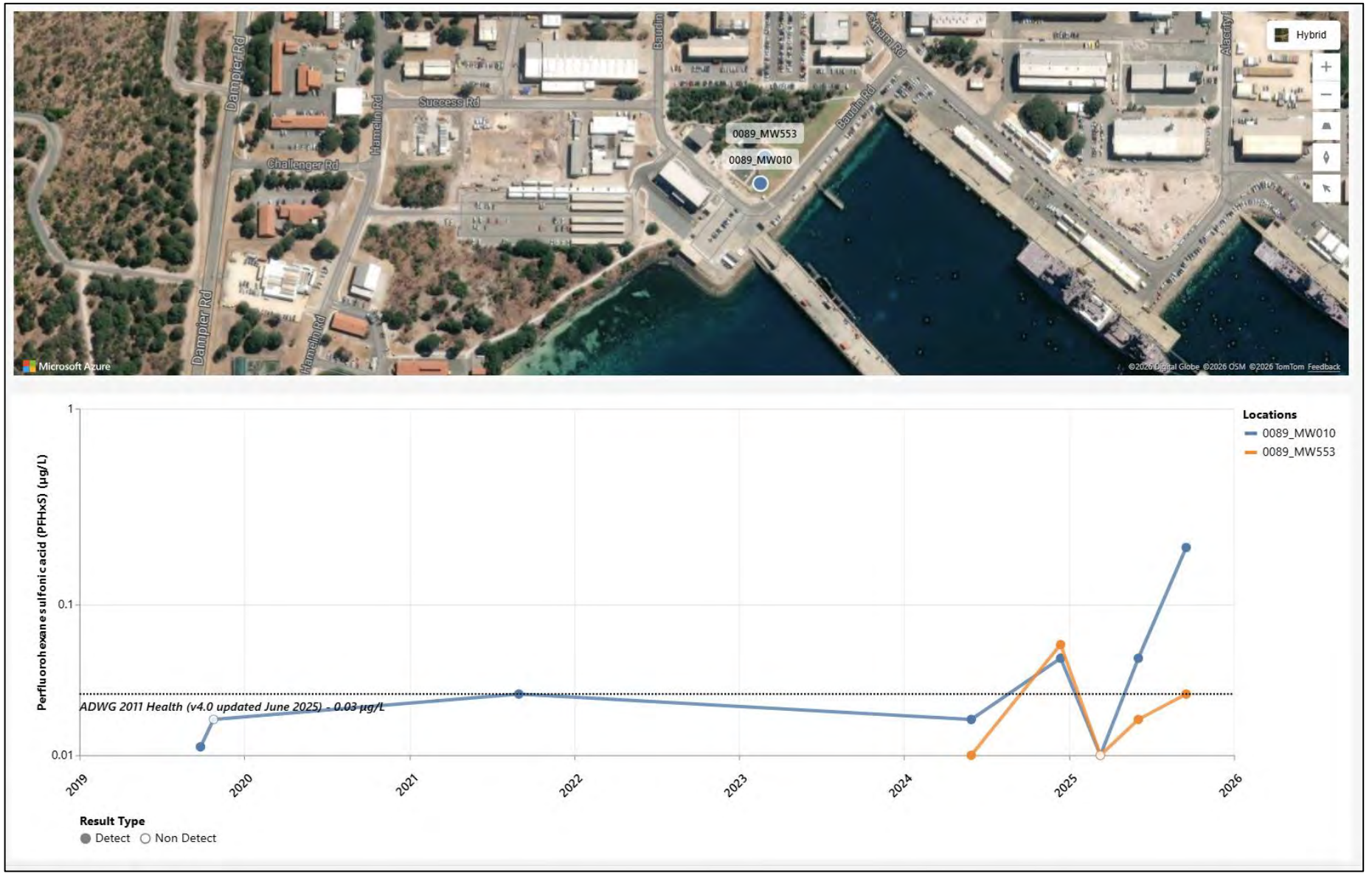

Figure E.58 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Pathway) – PFHxS in groundwater

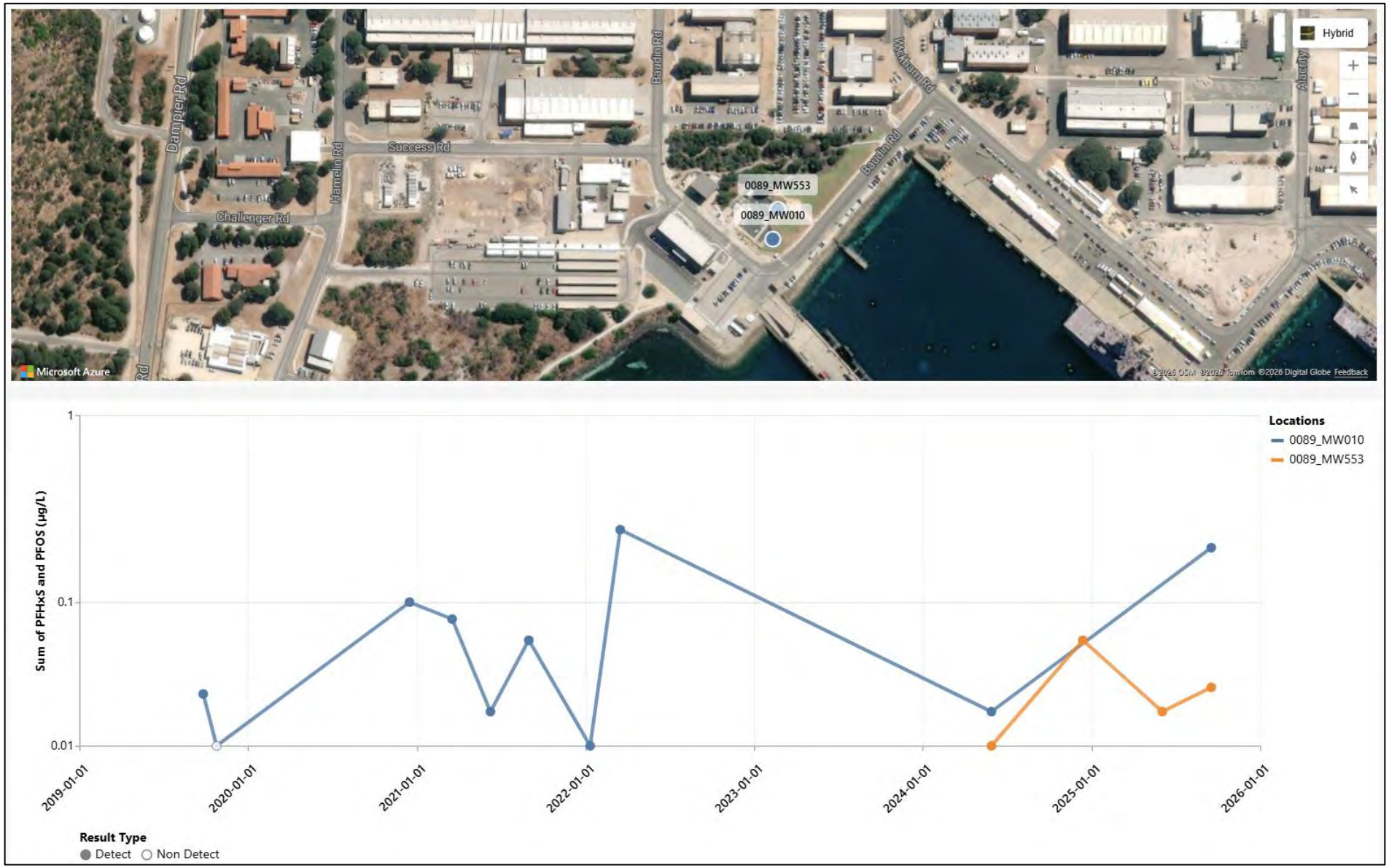

Figure E.59 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Pathway) – PFOS+PFHxS in groundwater

Mann-Kendall and Linear Regression - Trend series graphs

Fire Training Area (Source)

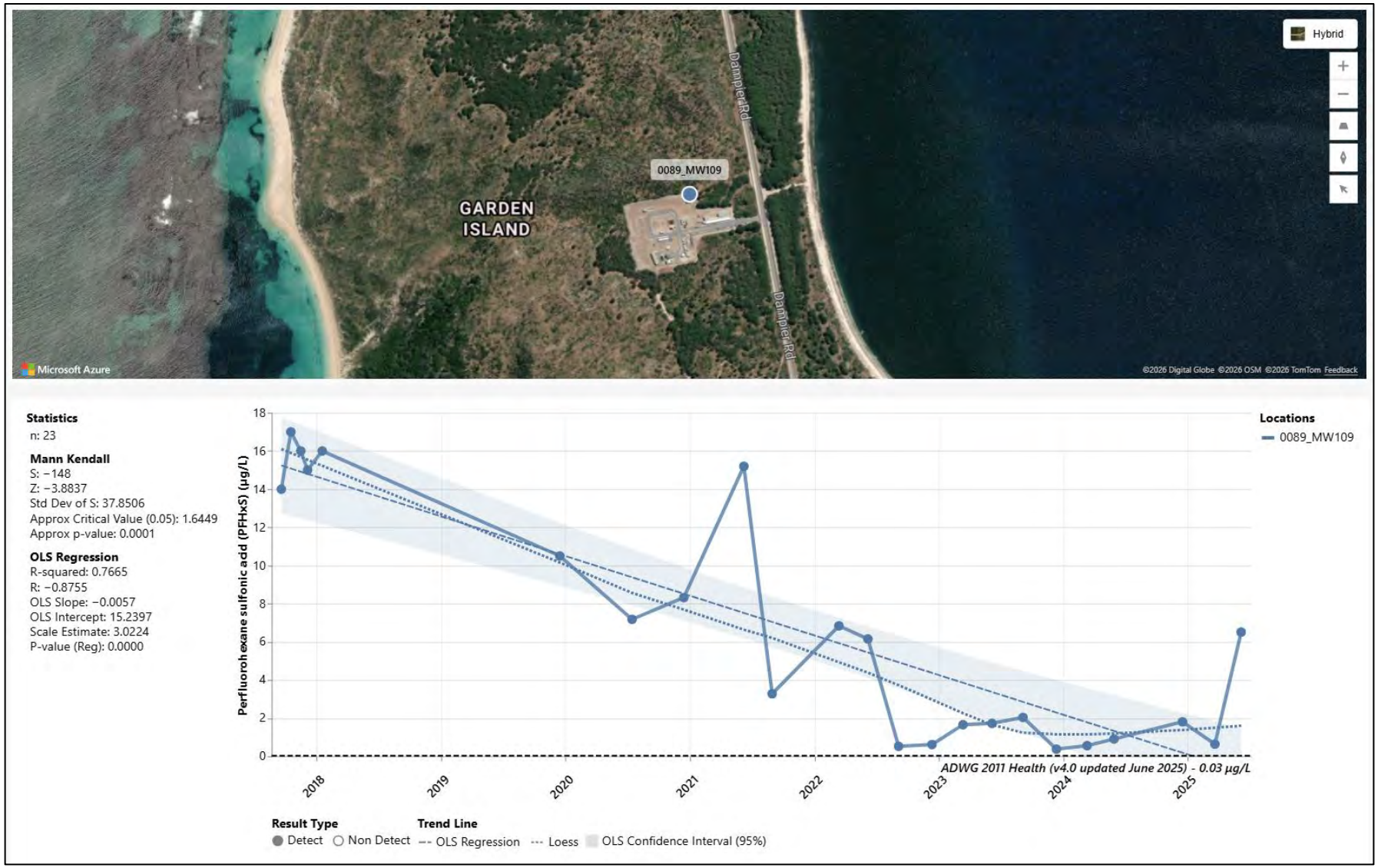

Figure E.60 MW109 (Source – FTA) decreasing trend for PFHxSc

WWTP (Source)

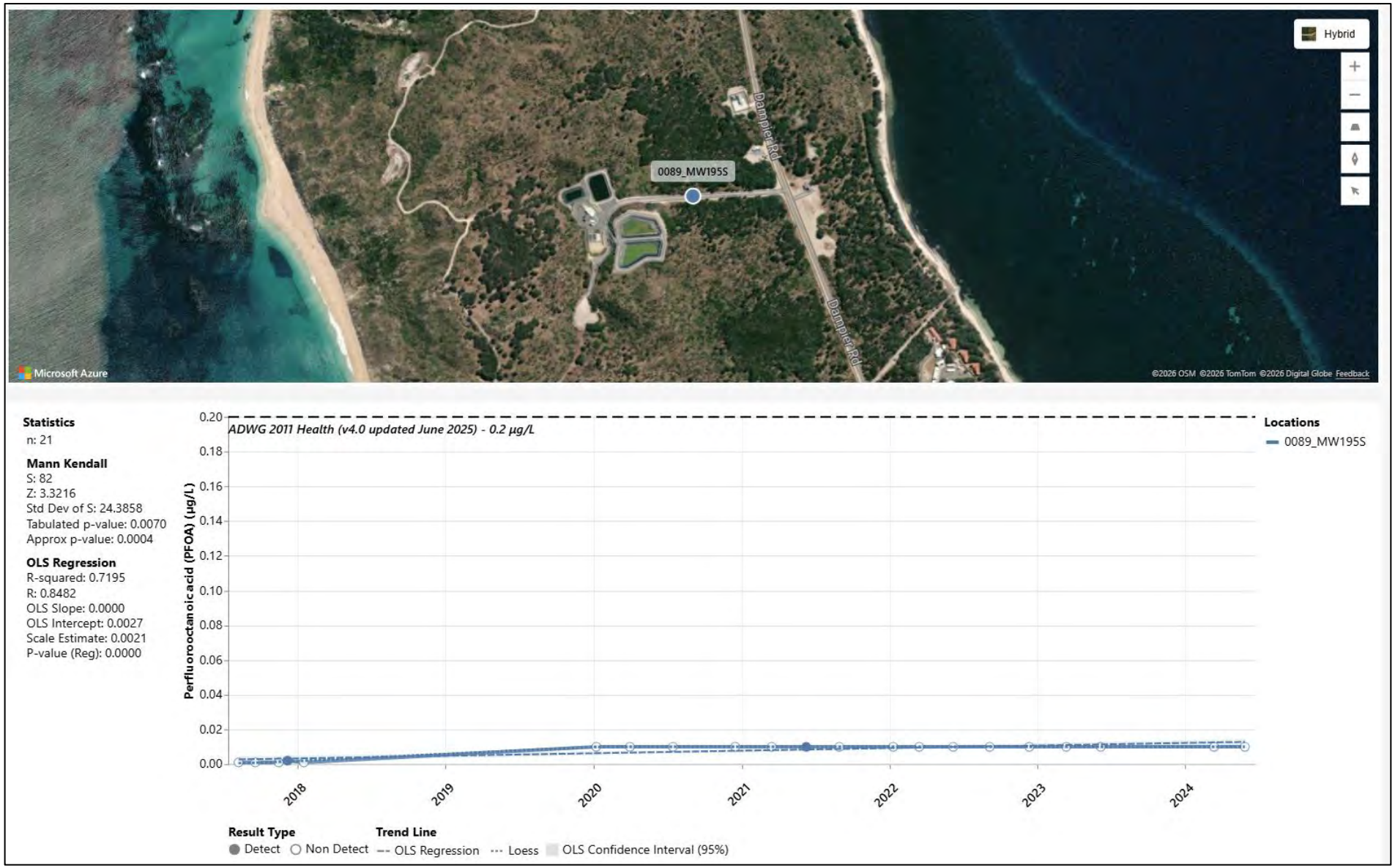

Figure E.61 MW195S (Source – Wastewater Treatment Plant) increasing trend for PFOA

AVCAT Storage Area and Fuel Farm (Source)

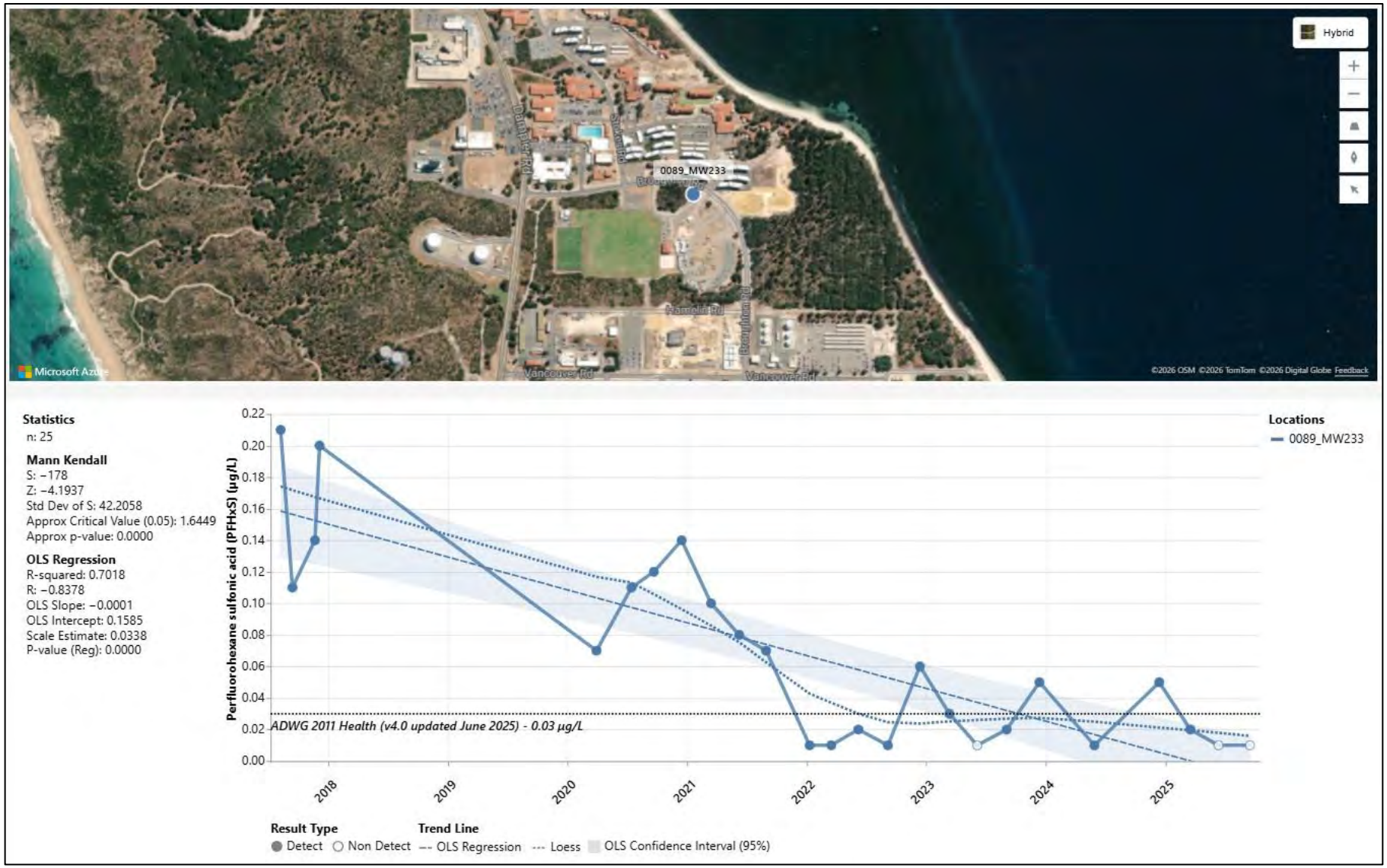

Figure E.62 MW233 (Source - AVCAT Storage Area and Fuel Farm) decreasing trend for PFHxS

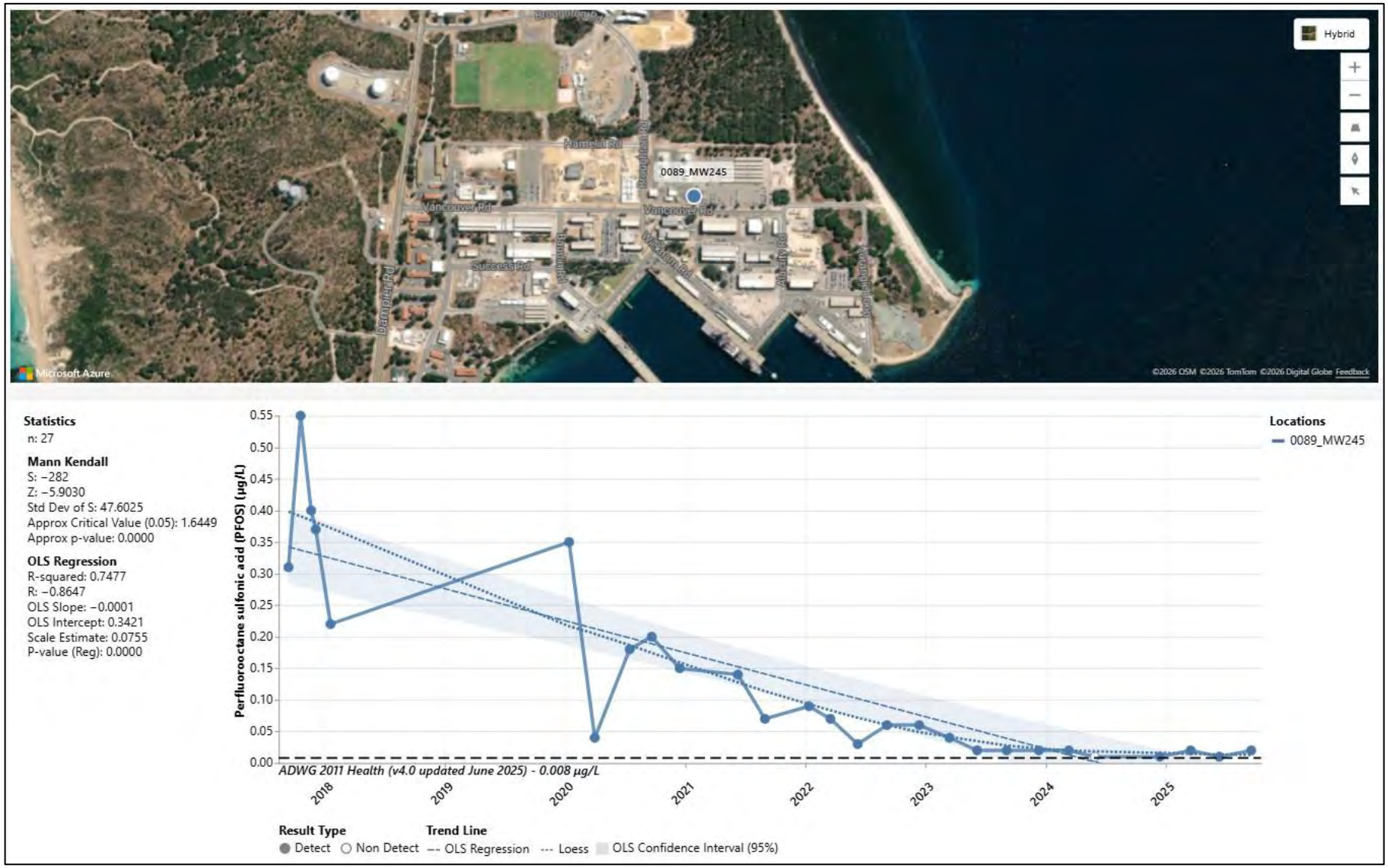

Figure E.63 MW245 (Source - AVCAT Storage Area and Fuel Farm) decreasing trend for PFOS

WWTP - Pathway

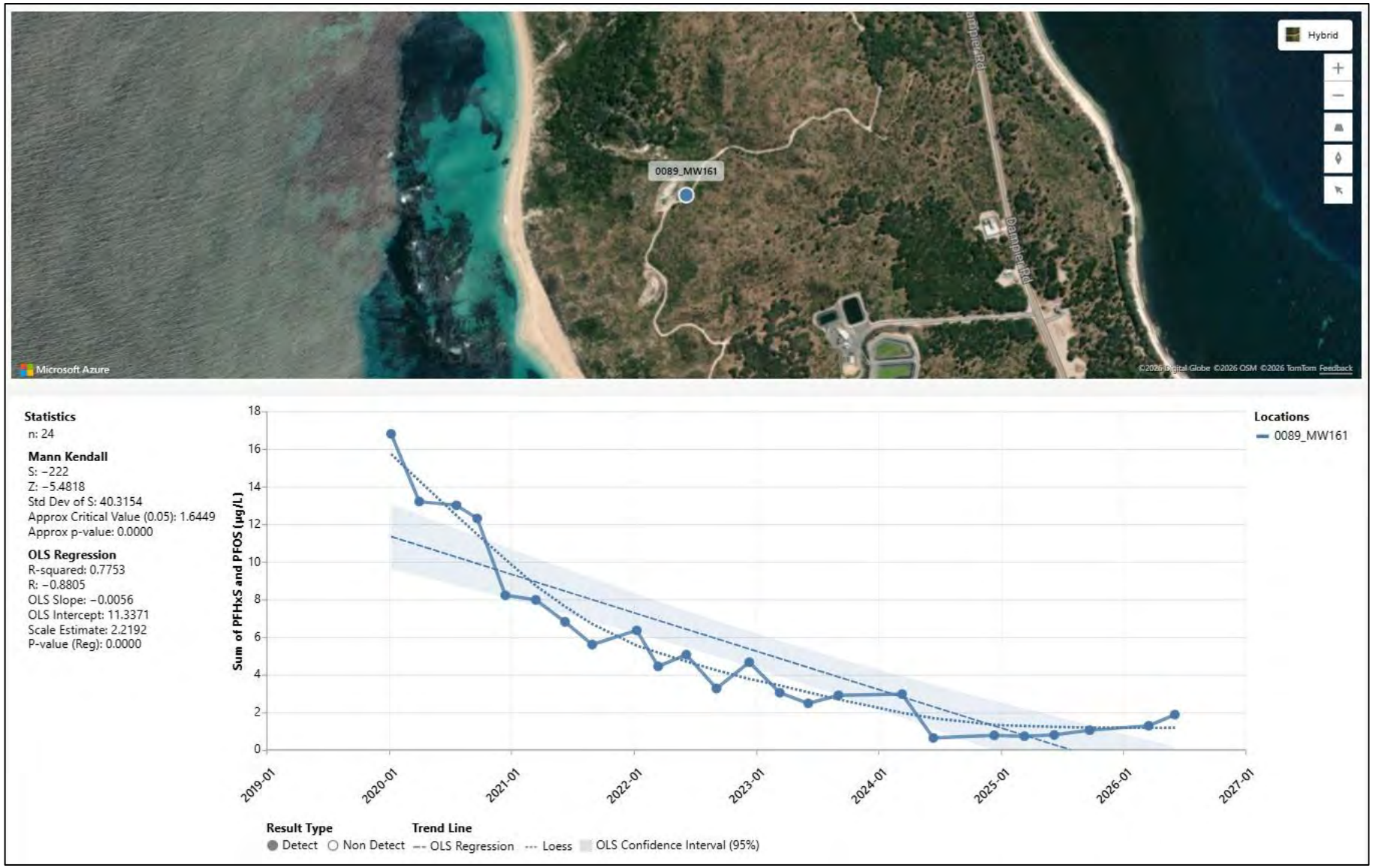

Figure E.64 MW161 (Pathway - Wastewater Treatment Plant) – decreasing trend in PFOS+PFHxS

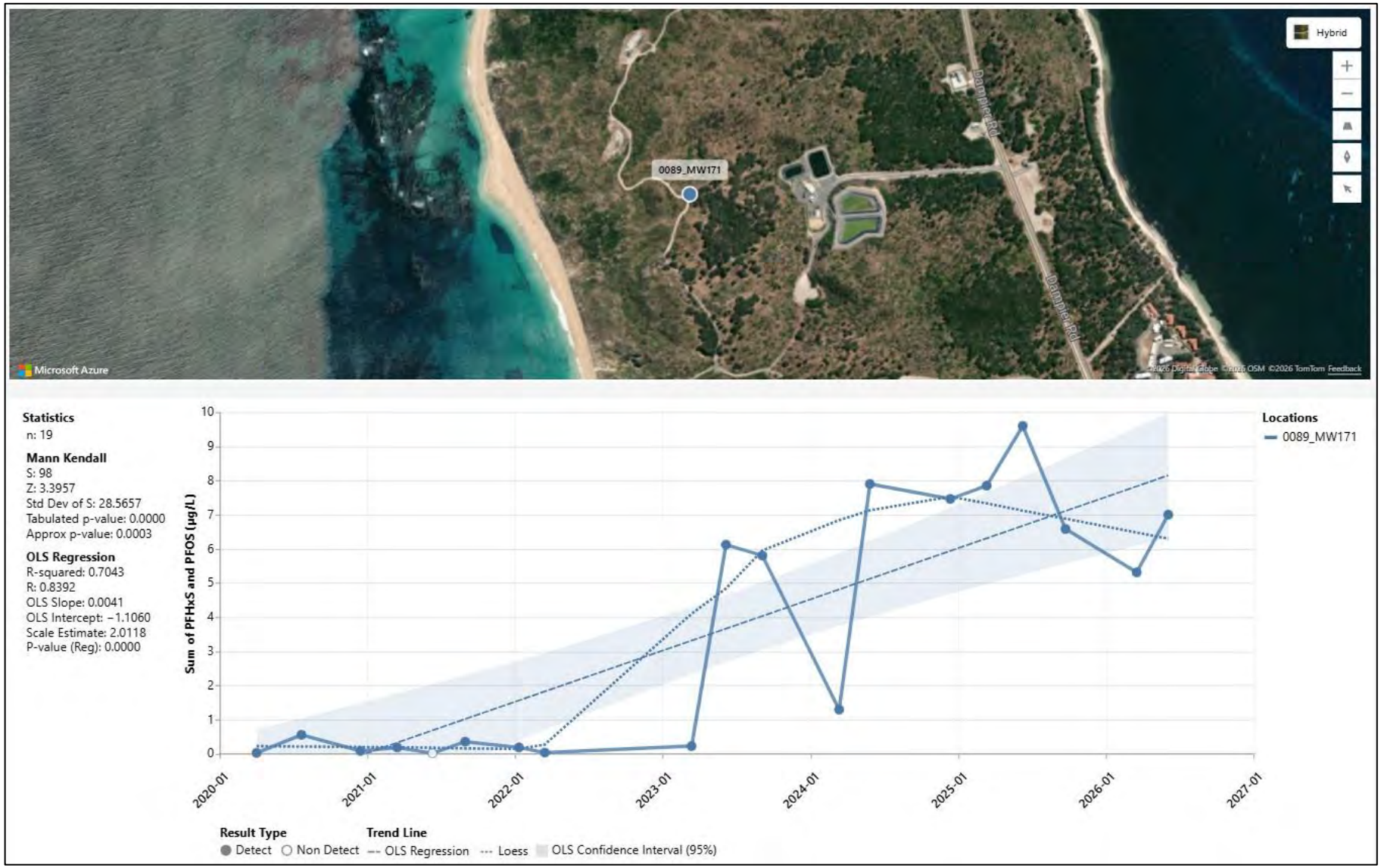

Figure E.65 MW171 (Pathway - Wastewater Treatment Plant) – decreasing trend in PFOS+PFHxS



Figure E.66 MW202 (Pathway - Wastewater Treatment Plant) – decreasing trend in PFHxS

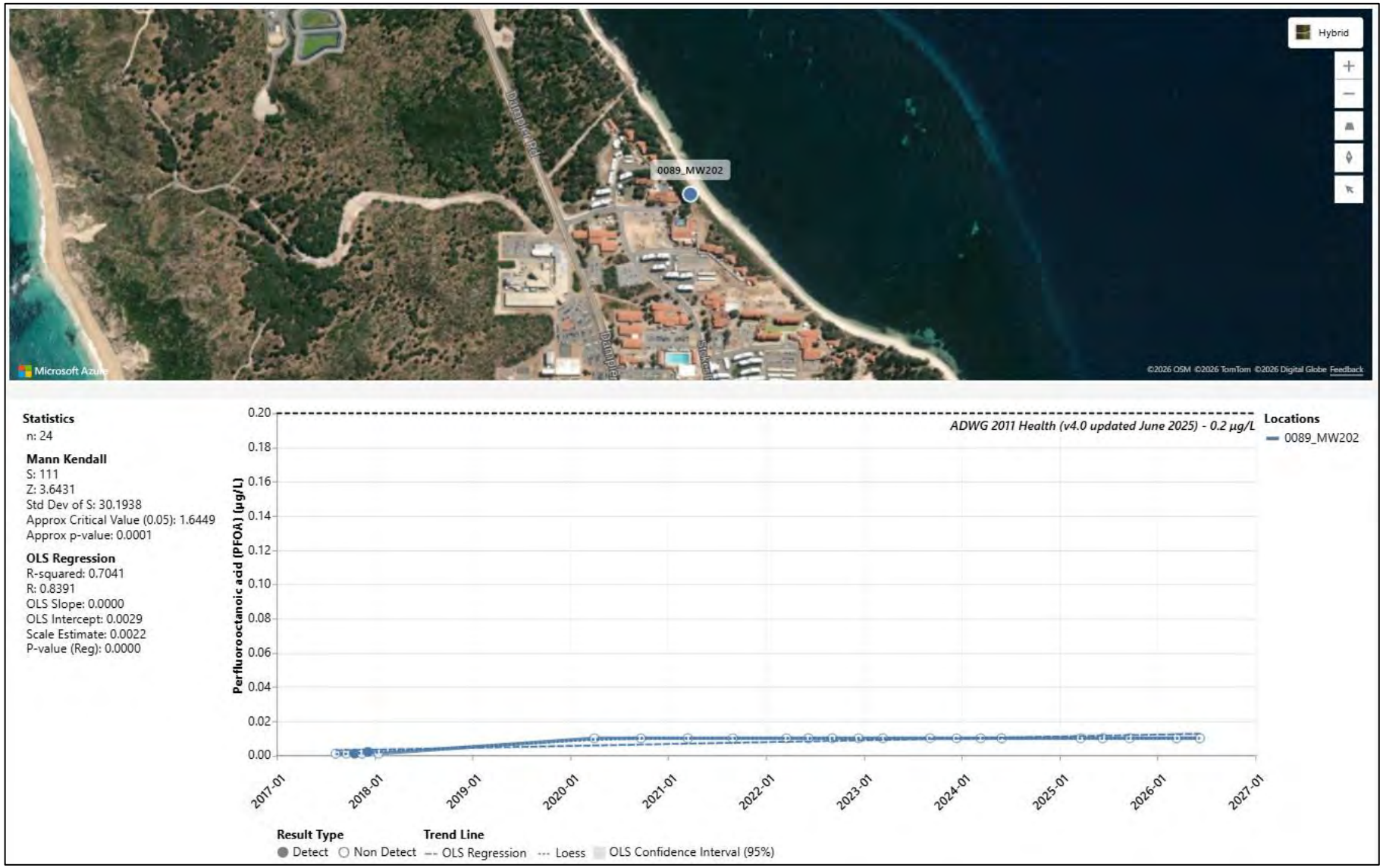

Figure E.67 MW202 (Pathway - Wastewater Treatment Plant) – decreasing trend in PFOA

HSF - Pathway

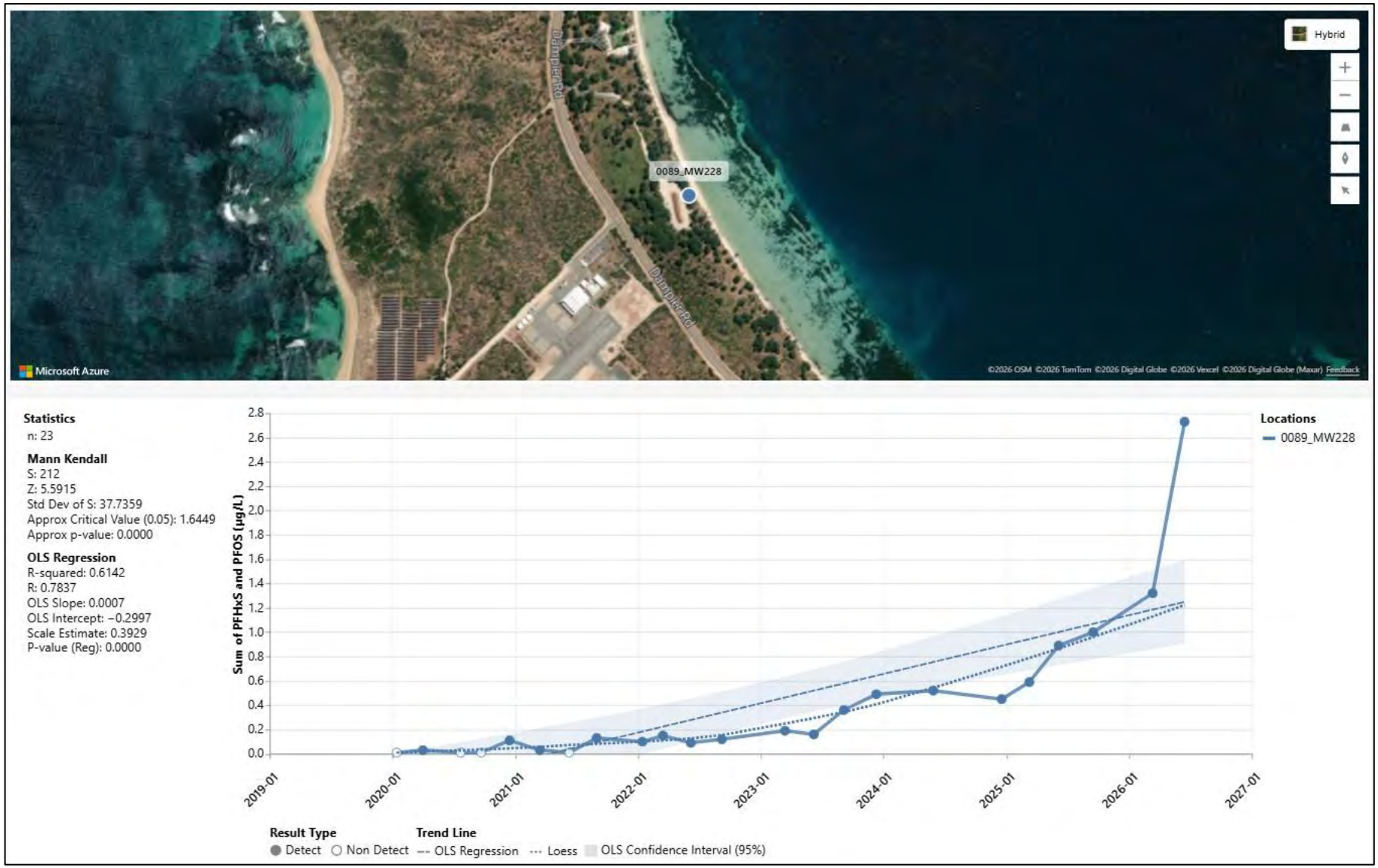

Figure E.68 MW228 (Pathway - Helicopter Support Facility) – increasing trend in PFOS+PFHxS

Accommodation Area - Pathway

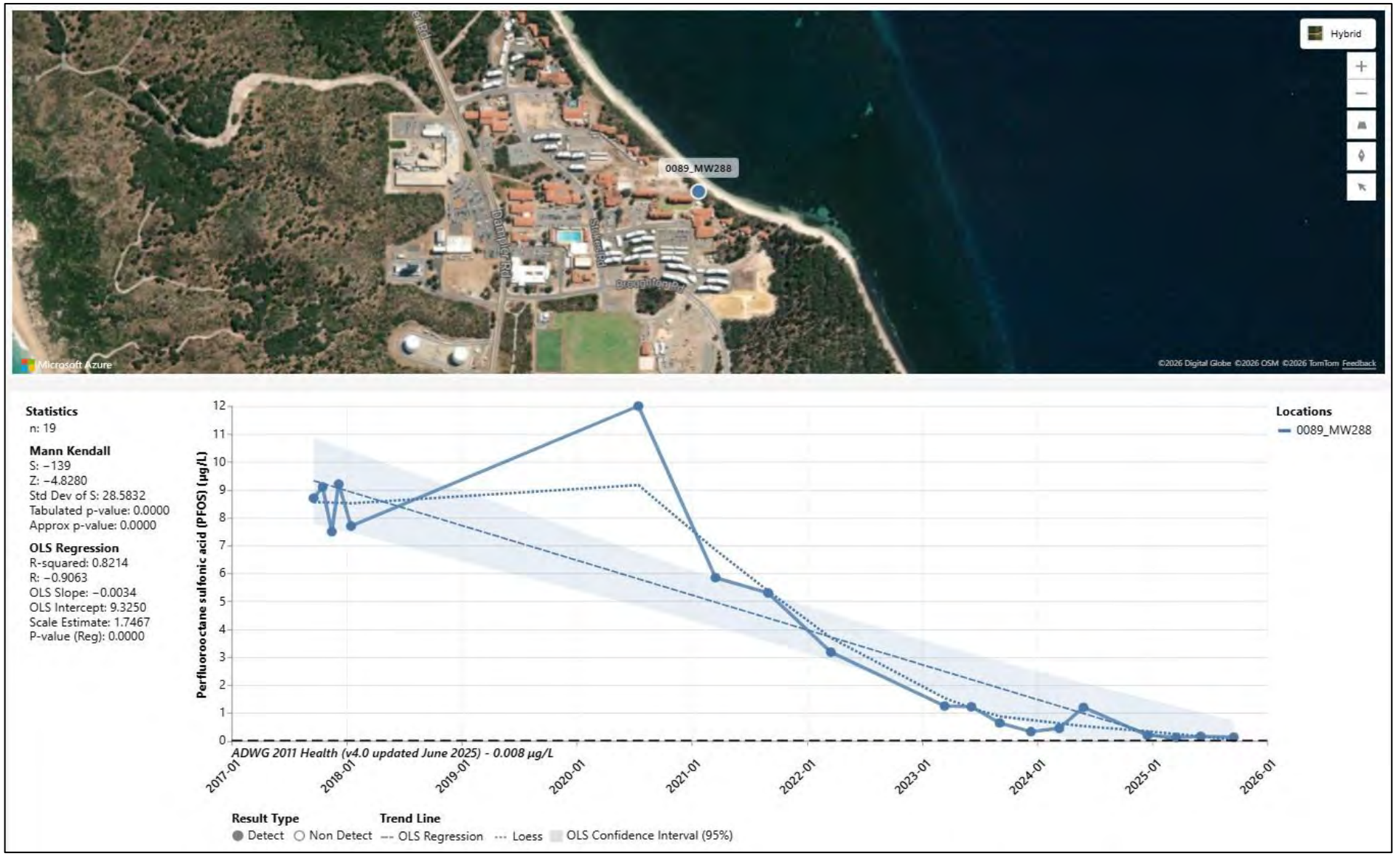

Figure E.69 MW288 (Pathway – Accommodation Area) decreasing trend for PFOS

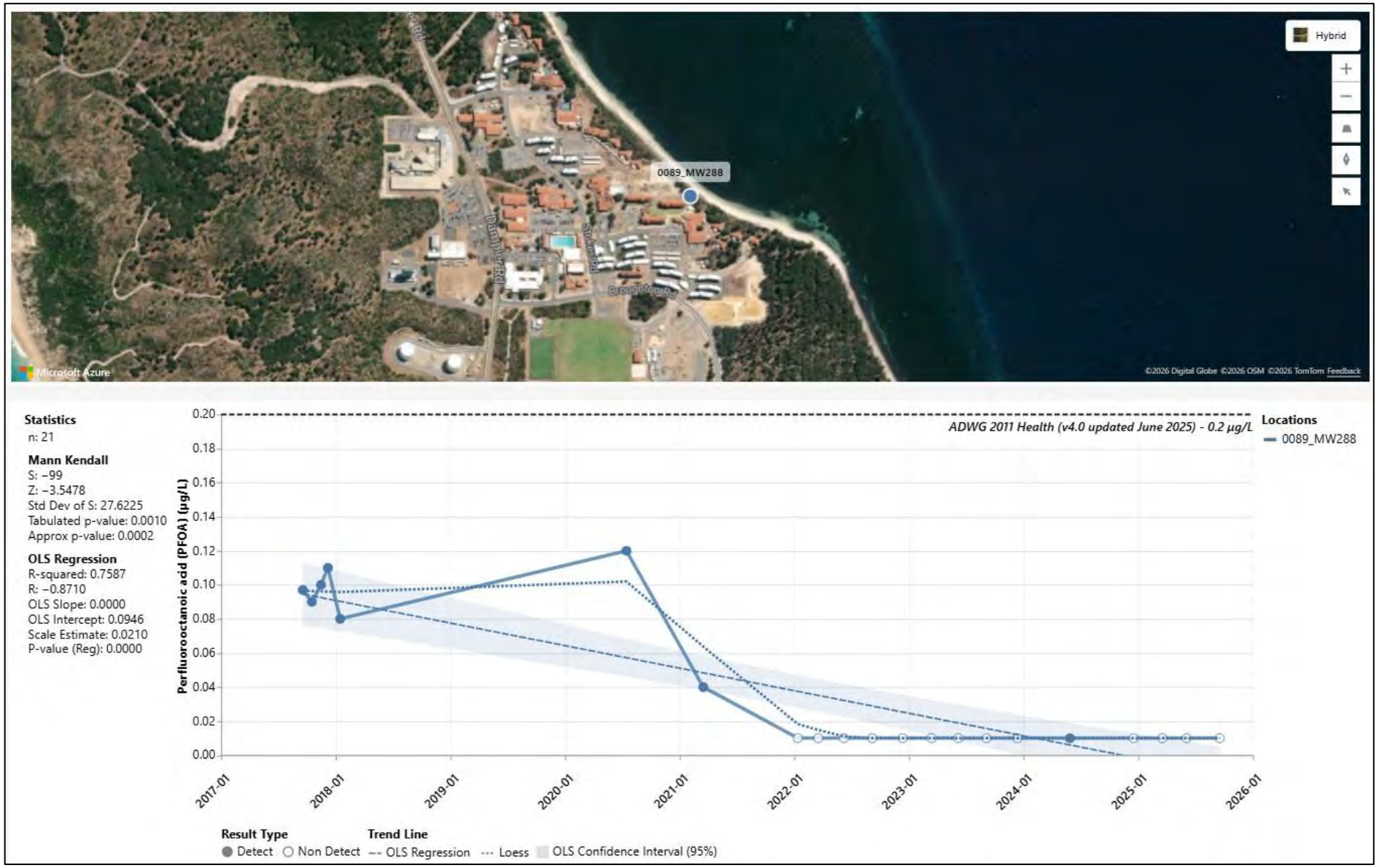

Figure E.70 MW288 (Pathway – Accommodation Area) decreasing trend for PFOA

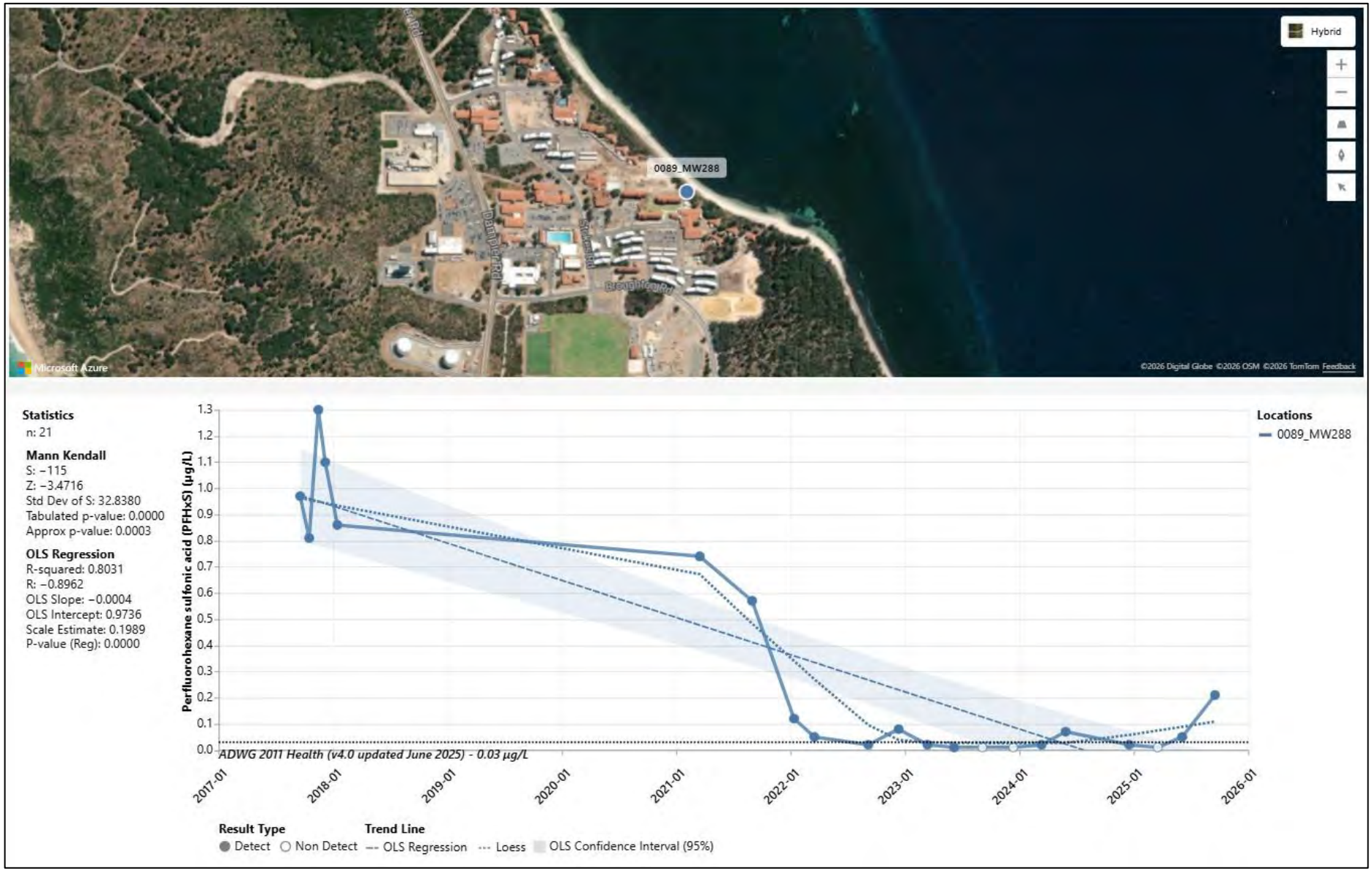

Figure E.71 MW288 (Pathway – Accommodation Area) decreasing trend for PFHxS

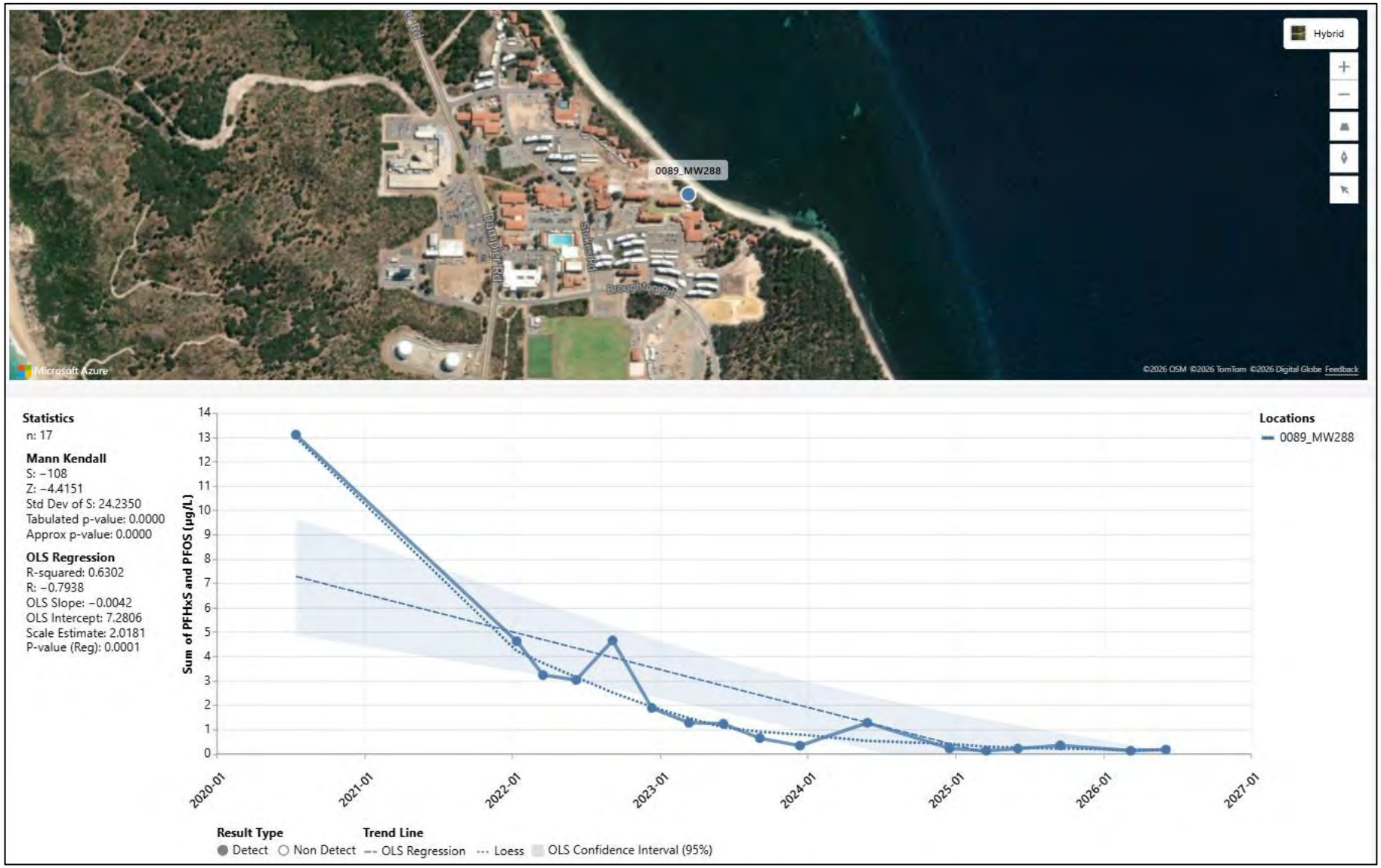

Figure E.72 MW288 (Pathway - Accommodation Area) – decreasing trend for PFOS+PFHxS

Mann-Kendall trend graphs – Pathway

FTA – Pathway

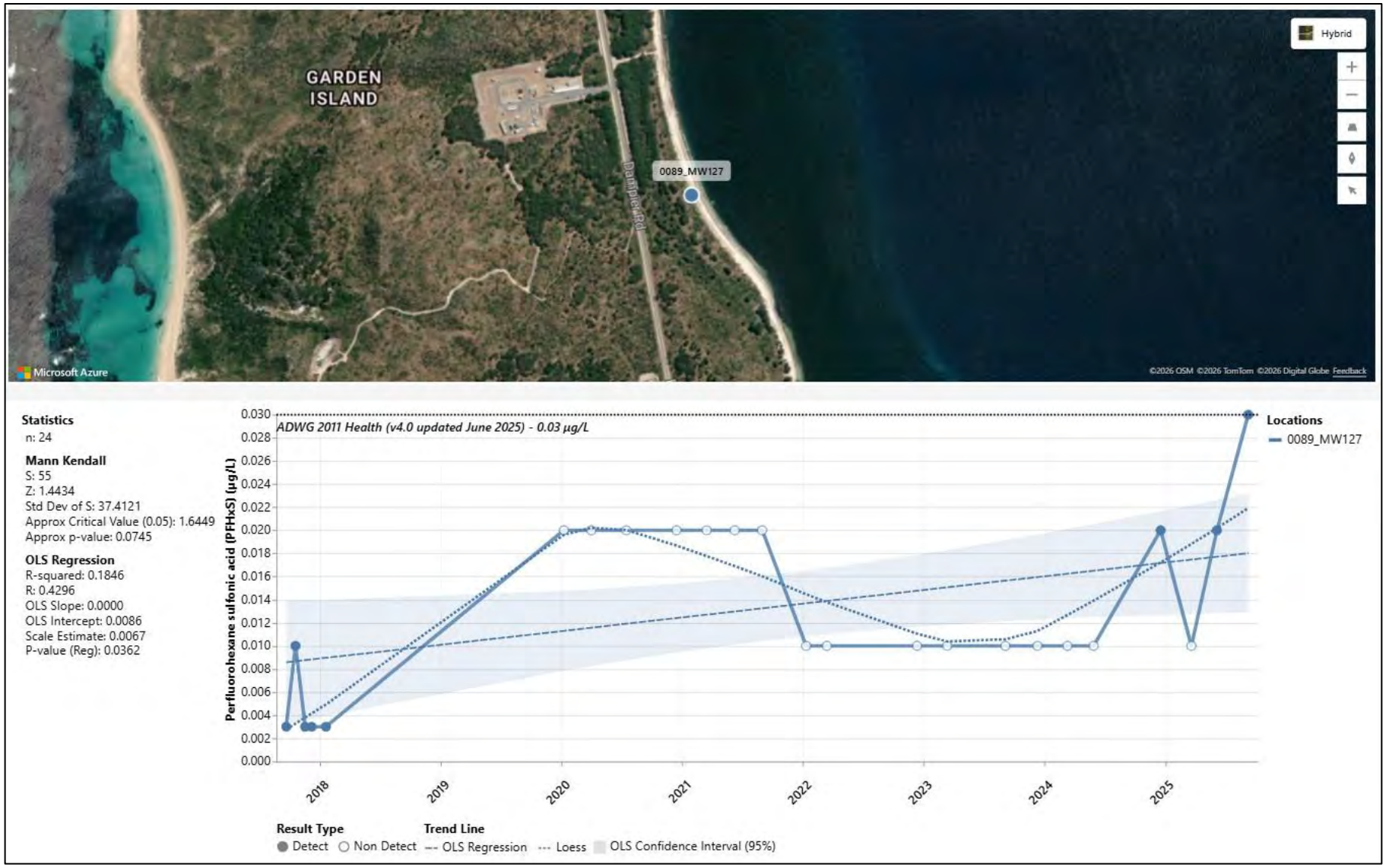

Figure E.73 MW127 (Pathway – FTA) increasing trend for PFHxS

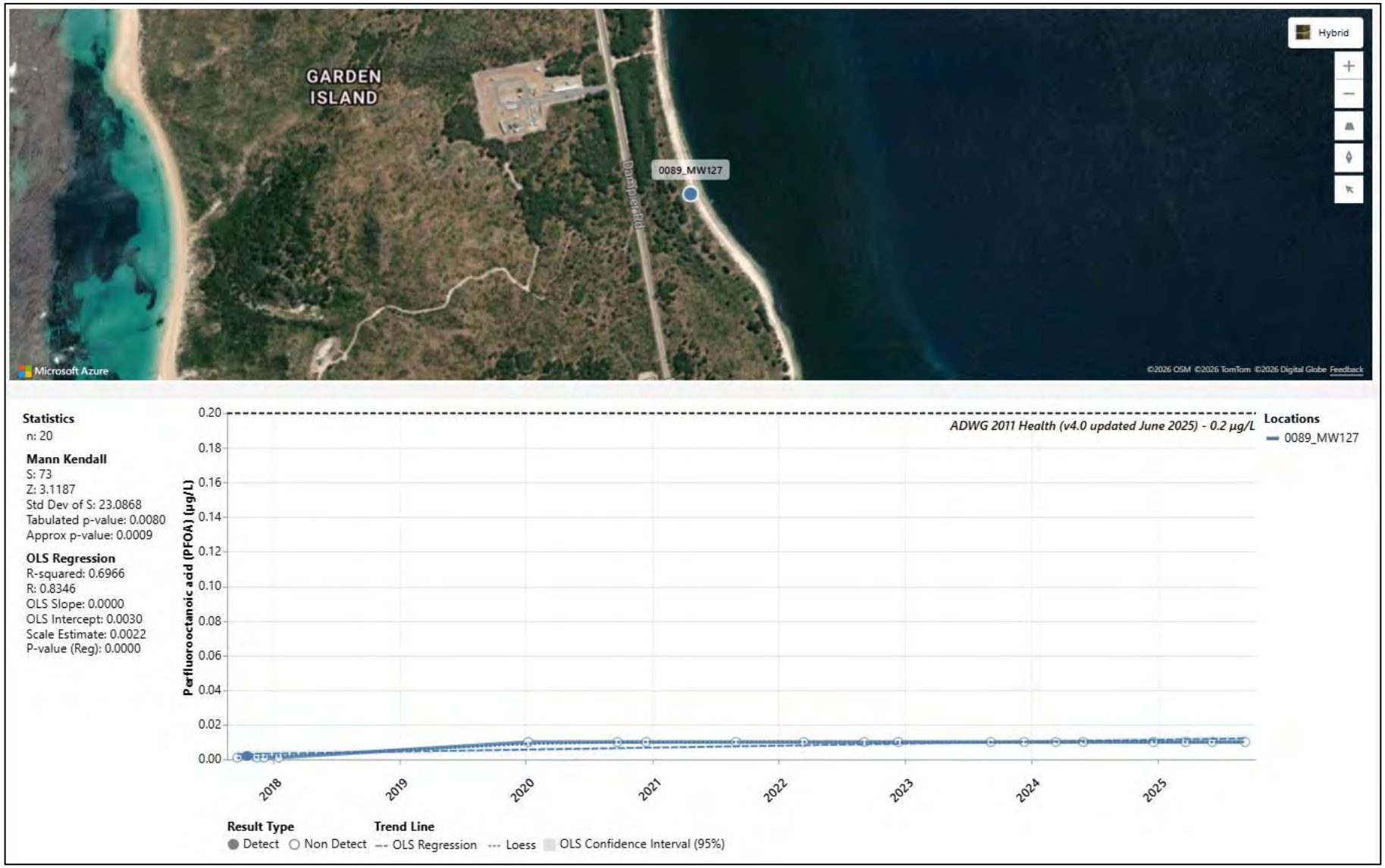

Figure E.74 MW127 (Pathway – FTA) increasing trend for PFOA

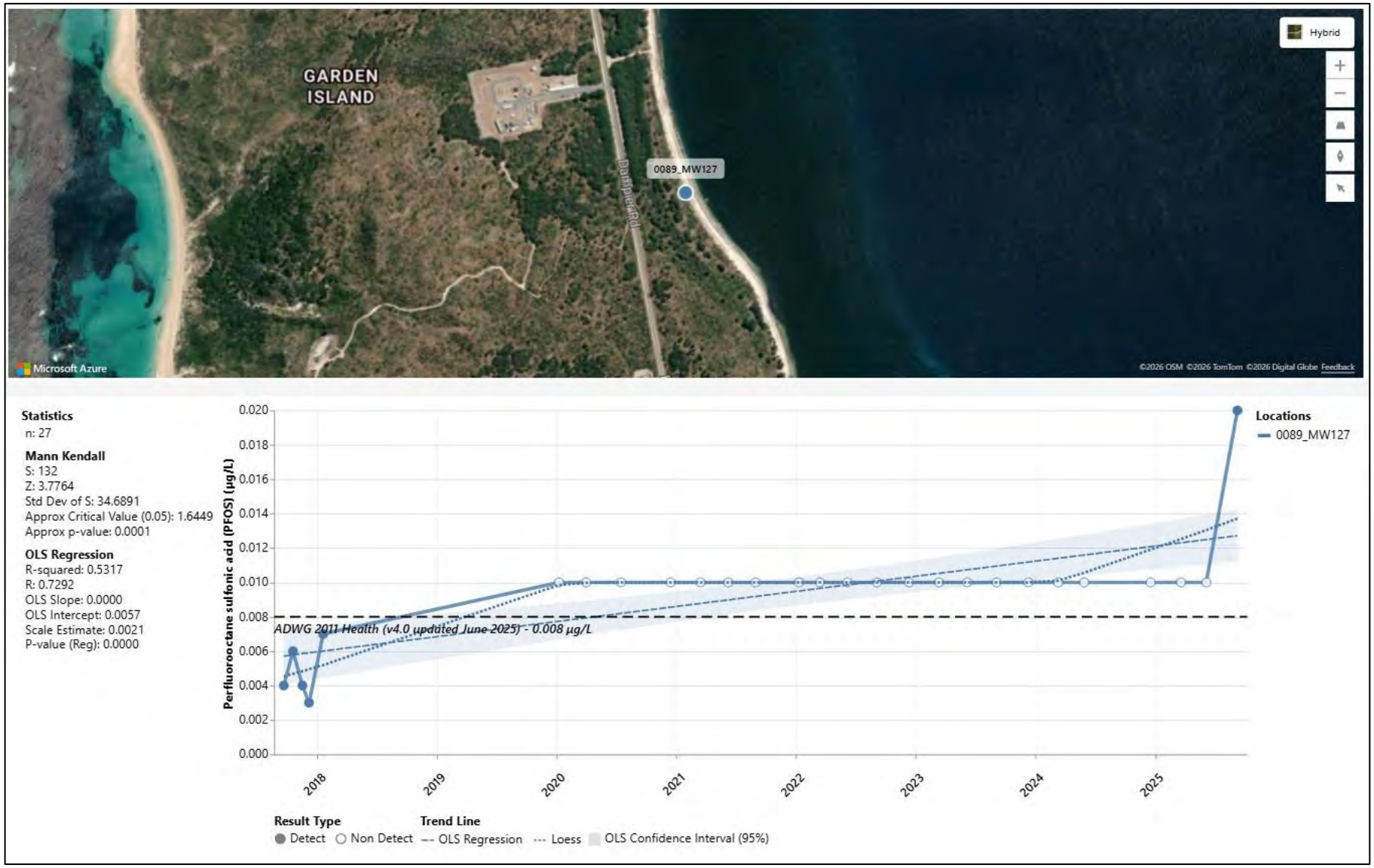

Figure E.75 MW127 (Pathway – FTA) increasing trend for PFOS

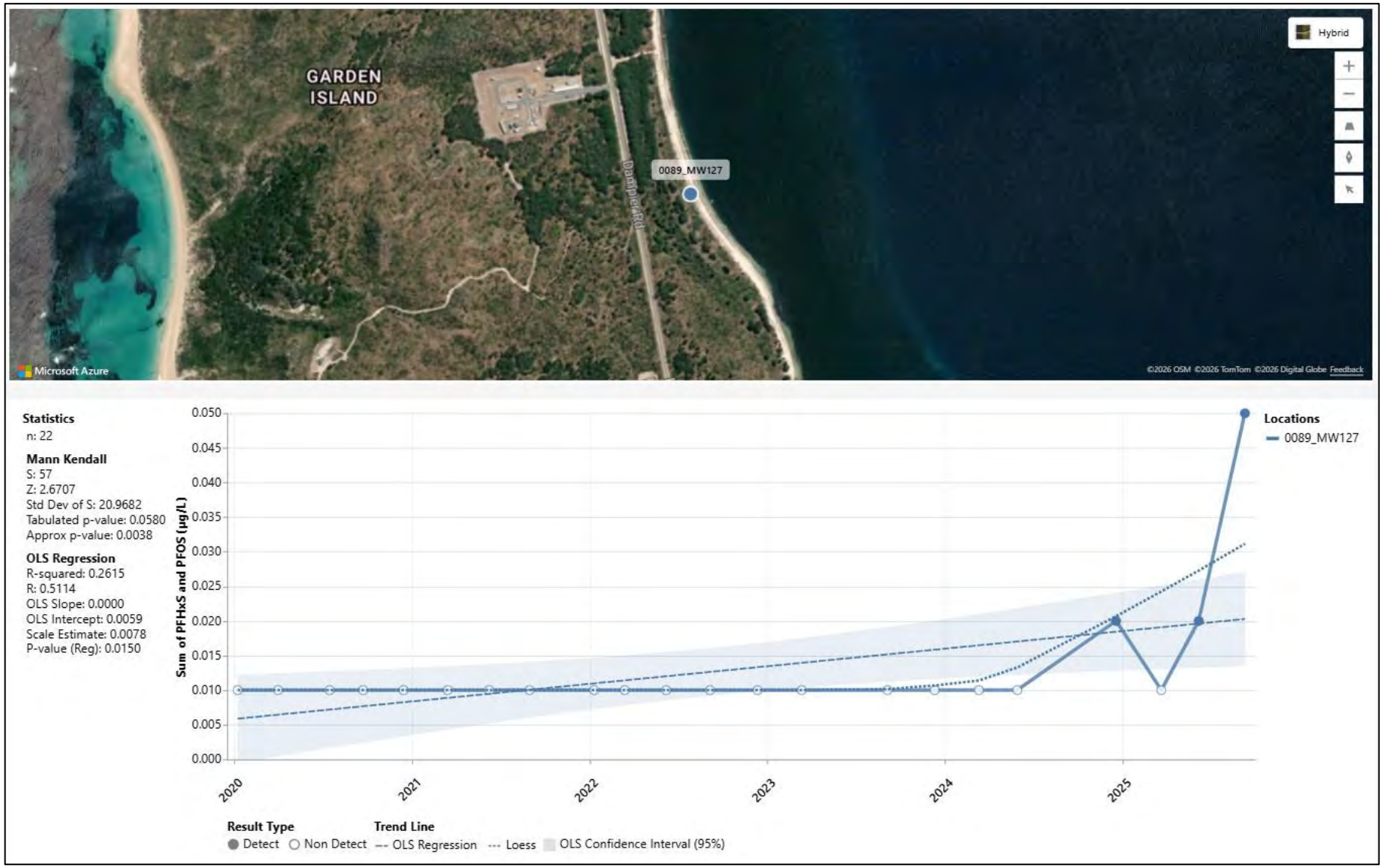

Figure E.76 MW127 (Pathway – FTA) increasing trend for PFHxS and PFOS

WWTP - Pathway

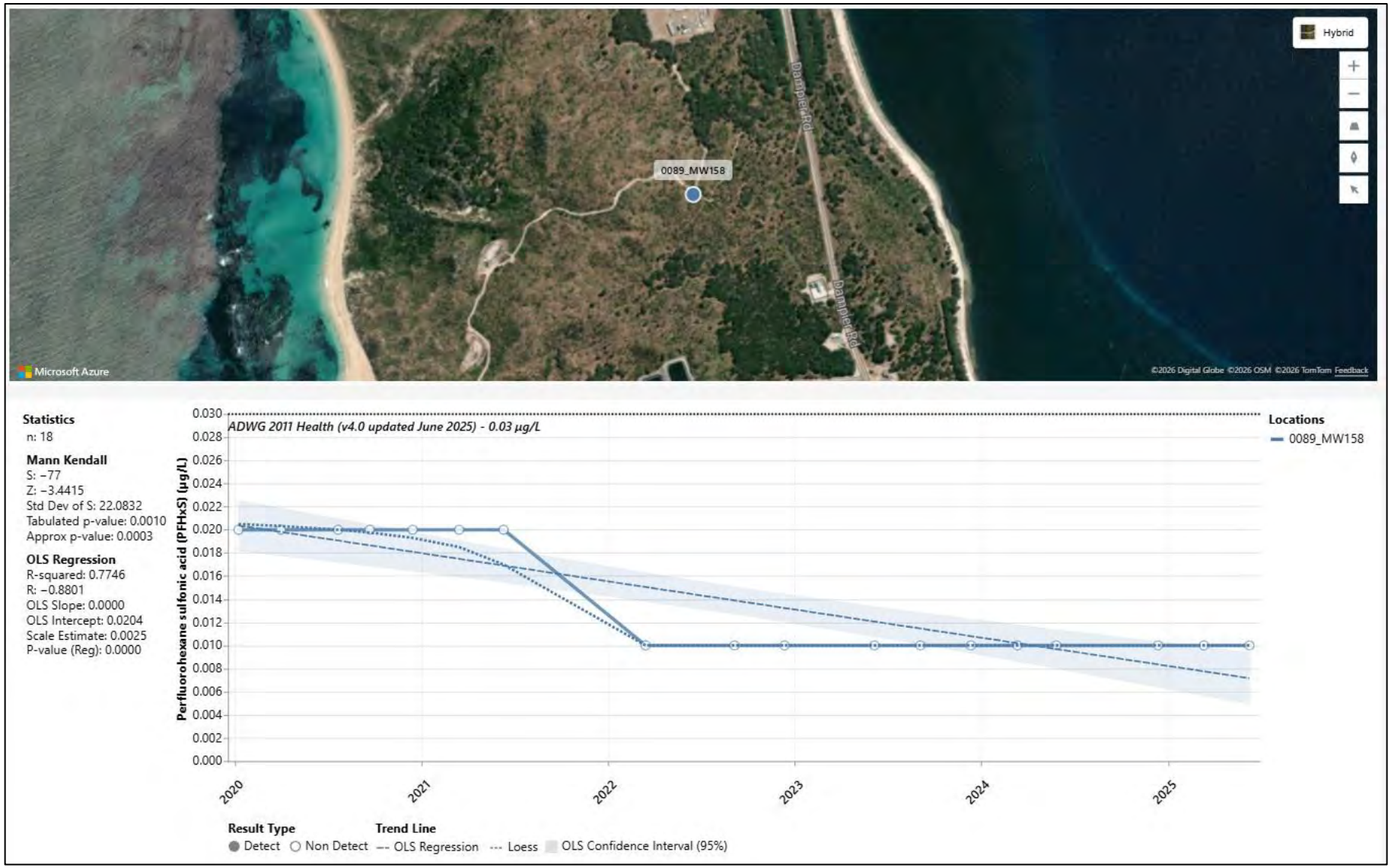

Figure E.77 MW158 (Pathway – WWTP) decreasing trend for PFHxS

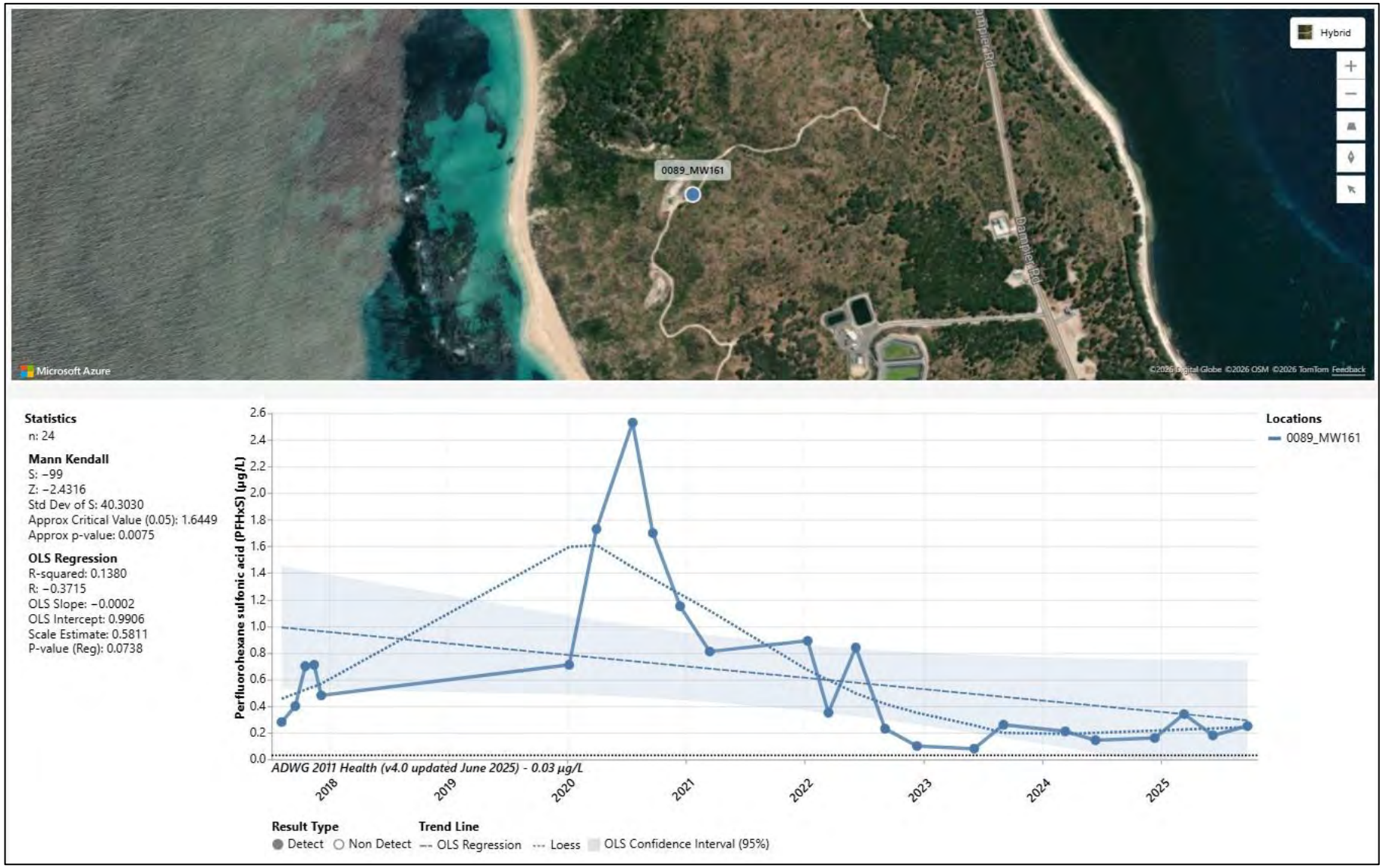

Figure E.78 MW161 (Pathway – WWTP) decreasing trend forPFHxS

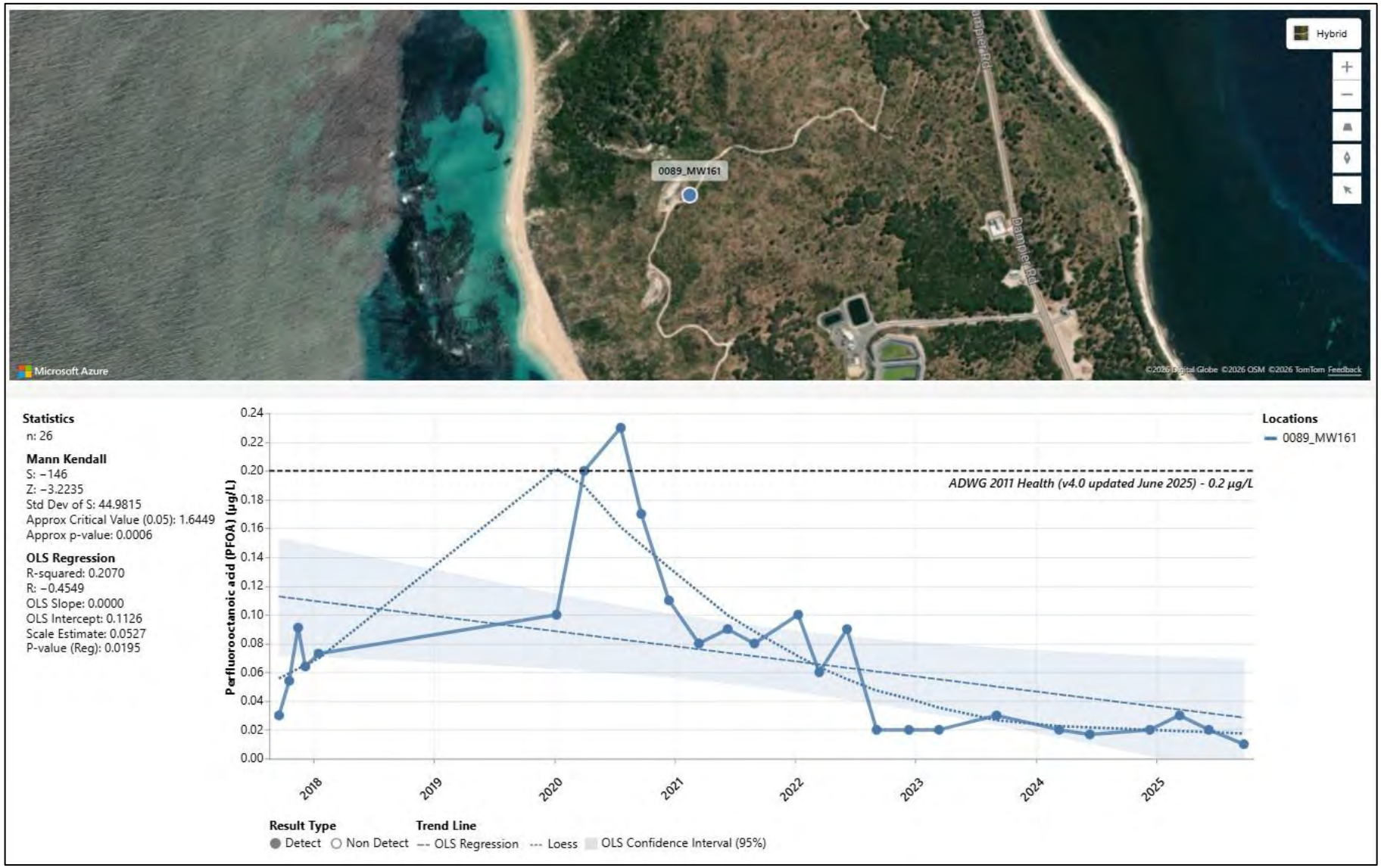

Figure E.79 MW161 (Pathway – WWTP) decreasing trend for PFOA

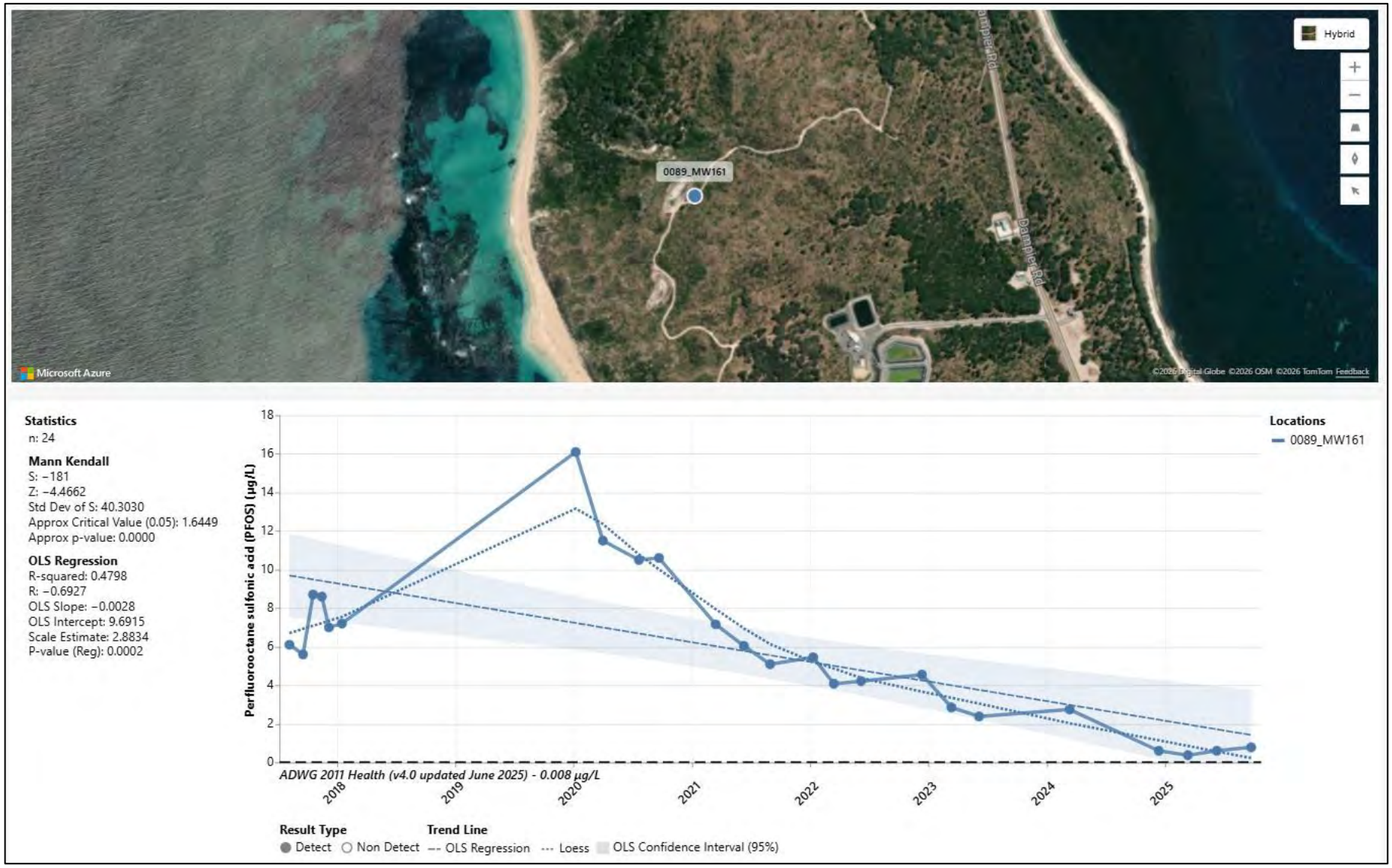

Figure E.80 MW161 (Pathway – WWTP) decreasing trend for PFOS

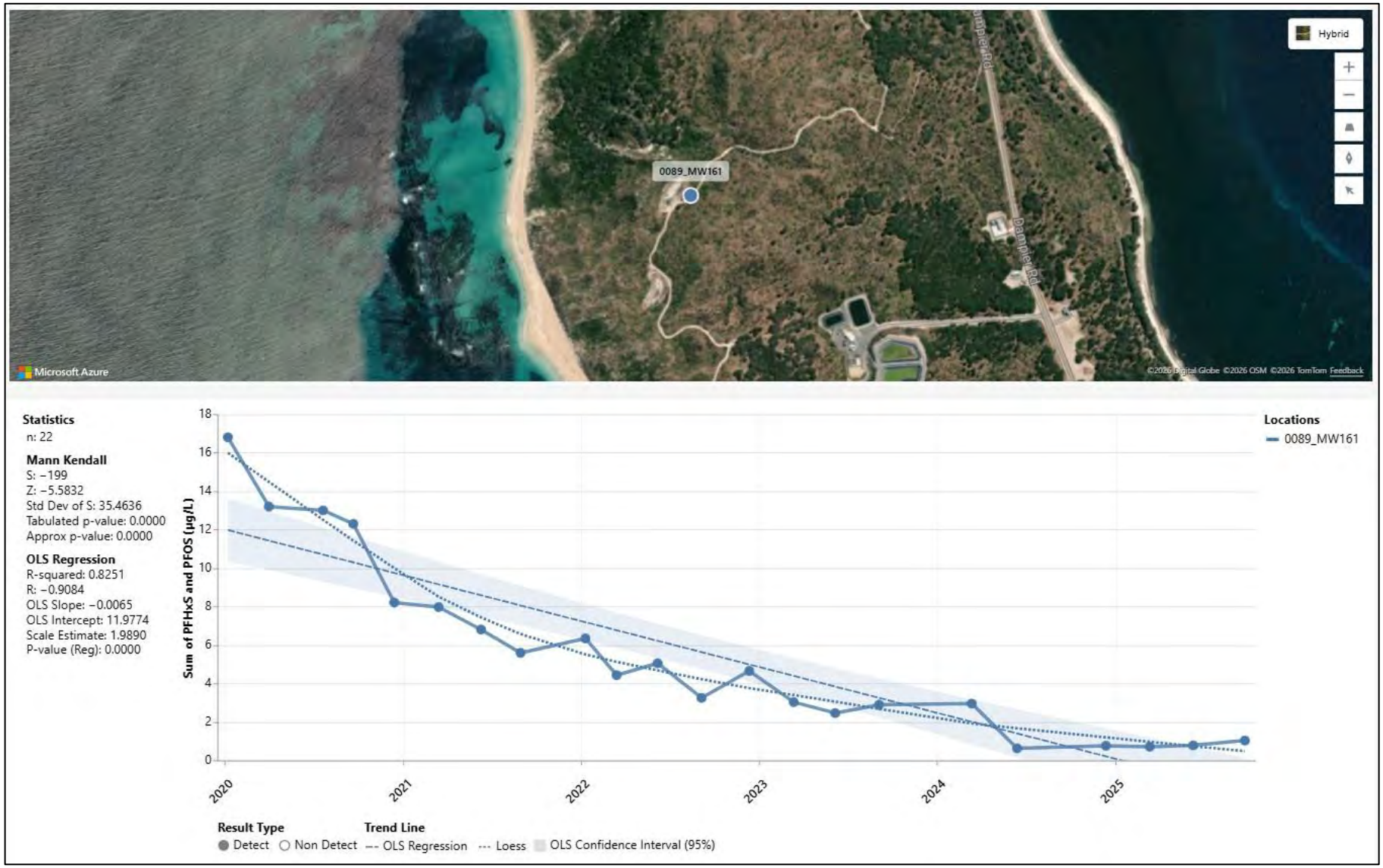

Figure E.81 MW161 (Pathway – WWTP) decreasing trend for PFHxS and PFOS

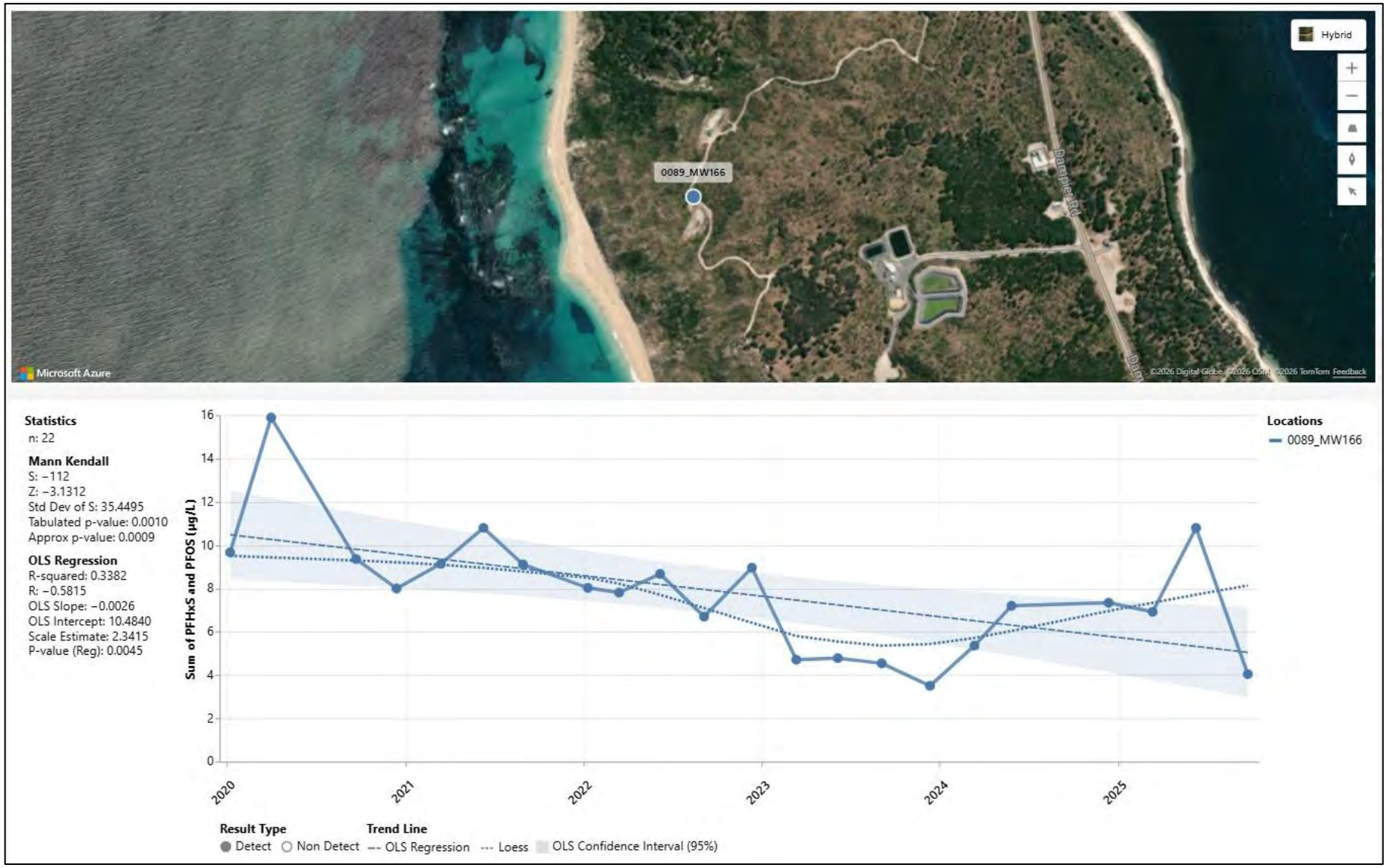

Figure E.82 MW166 (Pathway – WWTP) decreased trend for PFHxS and PFOS

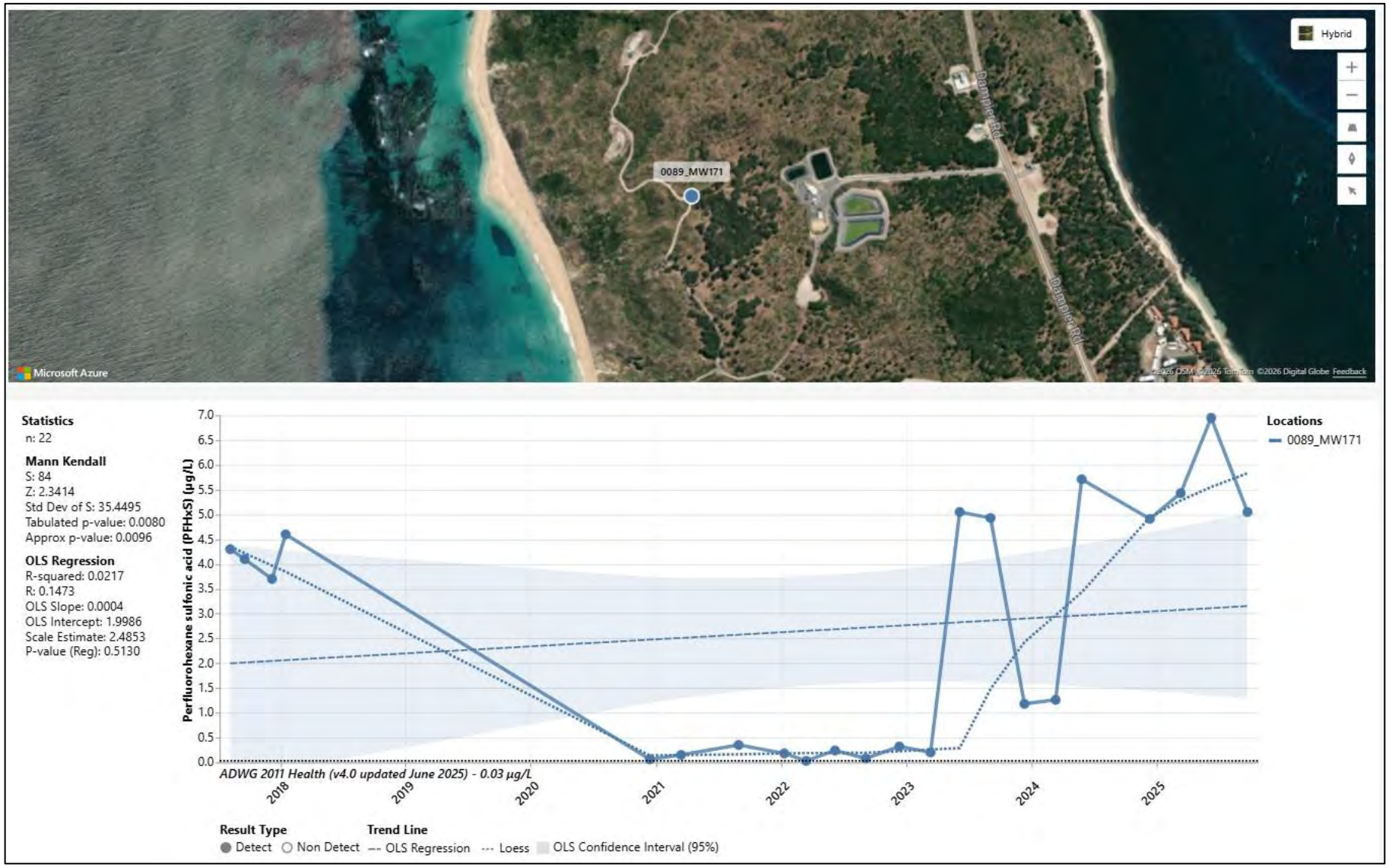

Figure E.83 MW171 (Pathway – WWTP) increasing trend for PFHxS

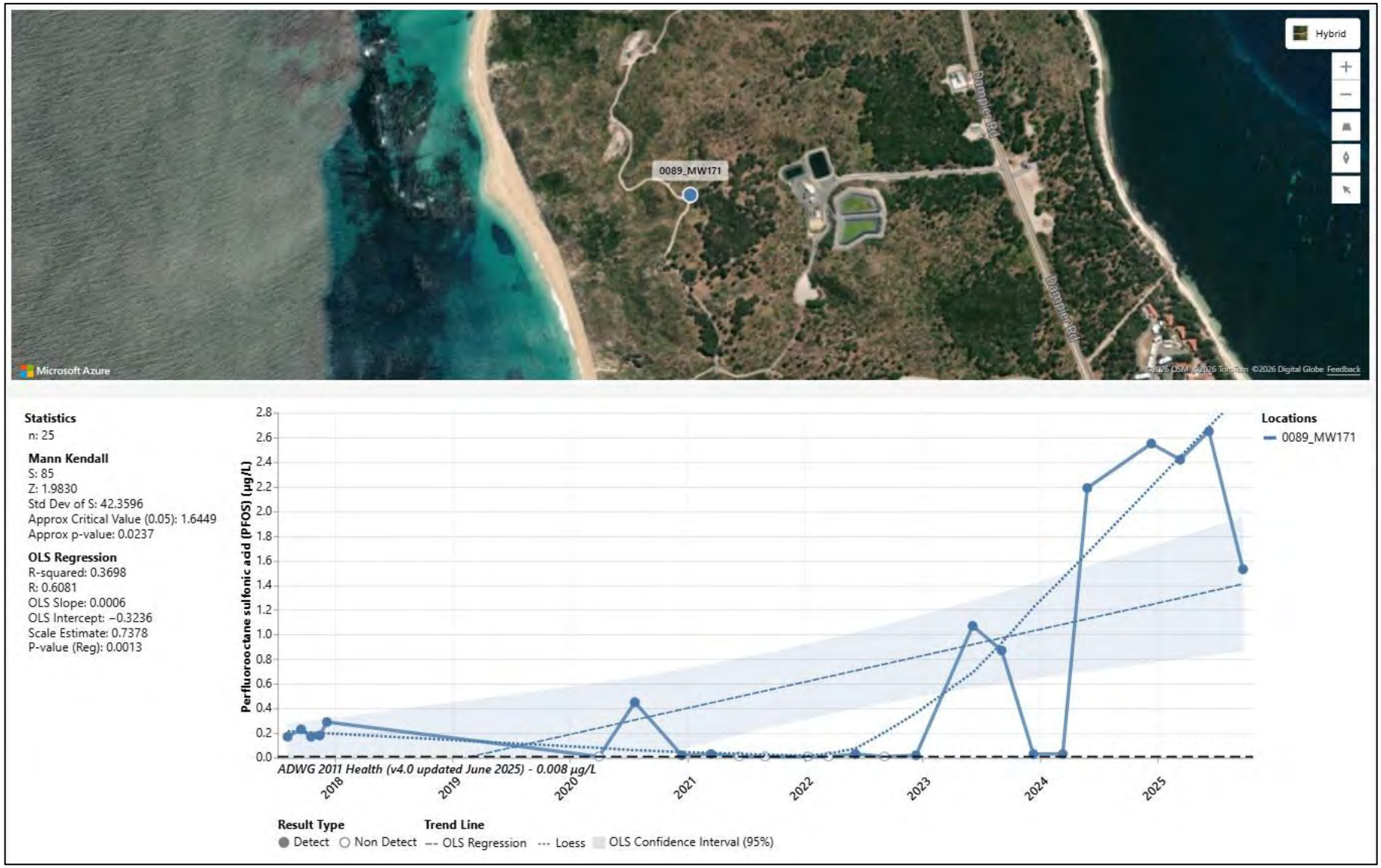

Figure E.84 MW171 (Pathway – WWTP) increasing trend for PFOS

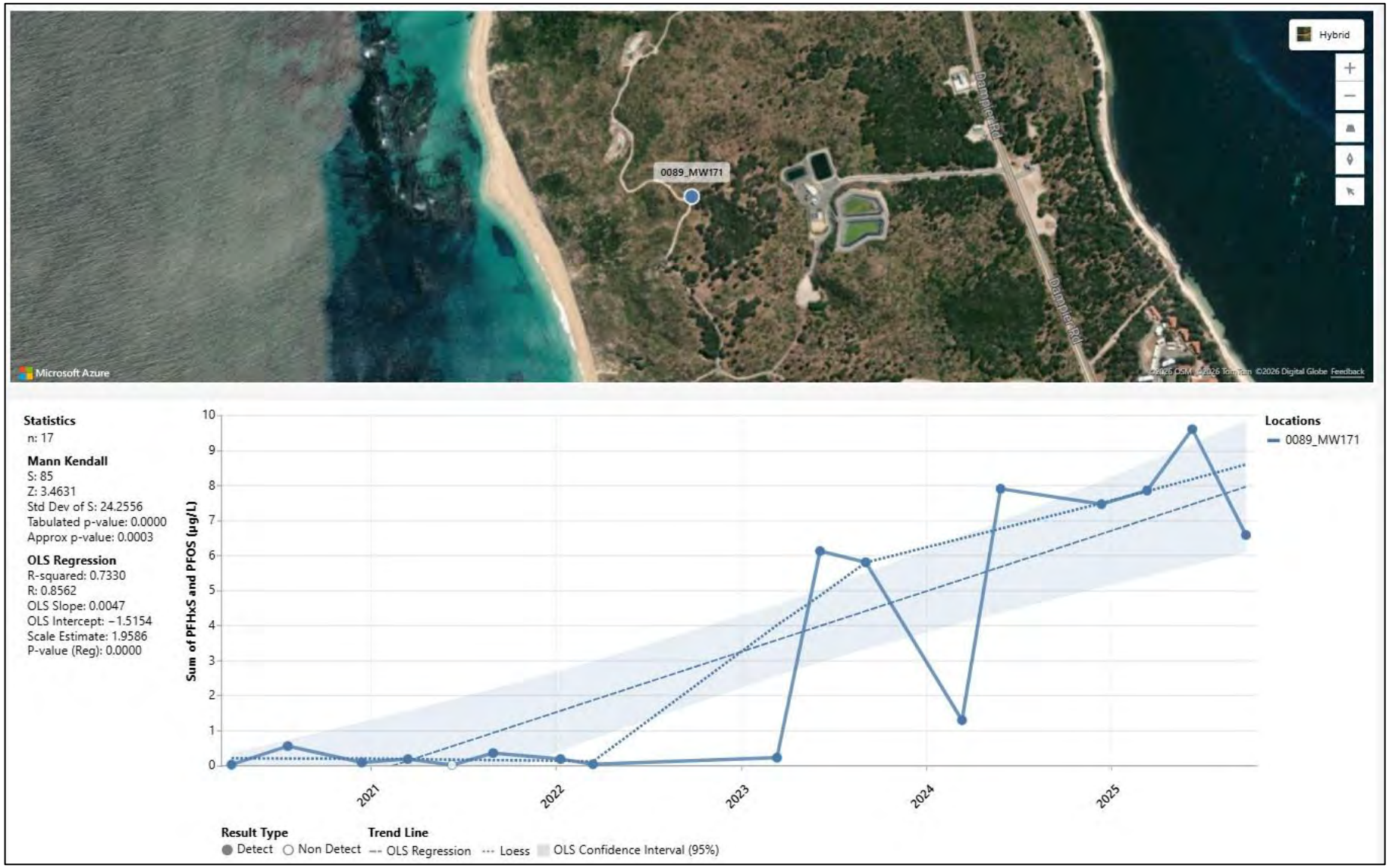

Figure E.85 MW171 (Pathway – WWTP) increased trend for PFHxS and PFOS

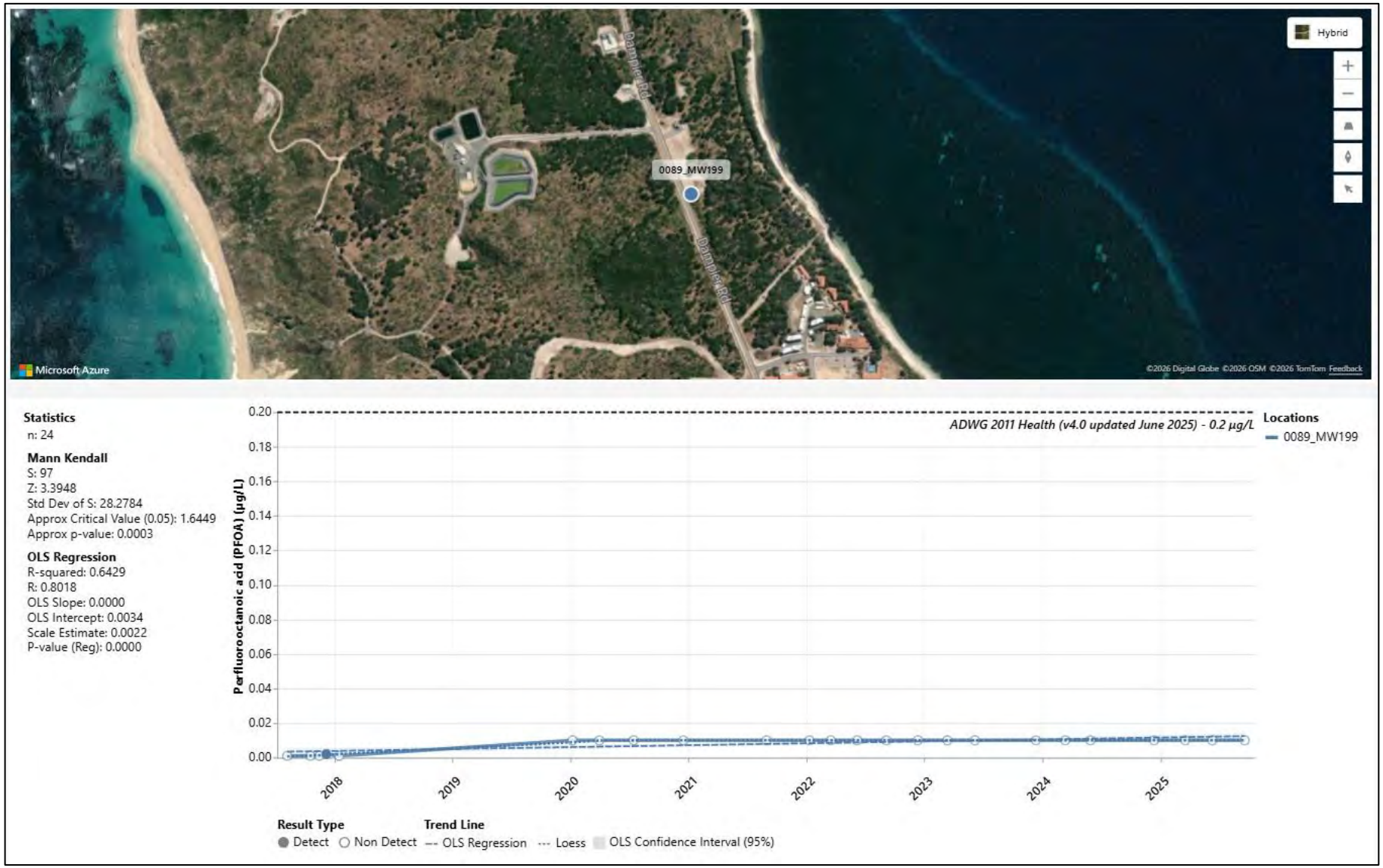

Figure E.86 MW199 (Pathway – WWTP) increasing trend for PFOA

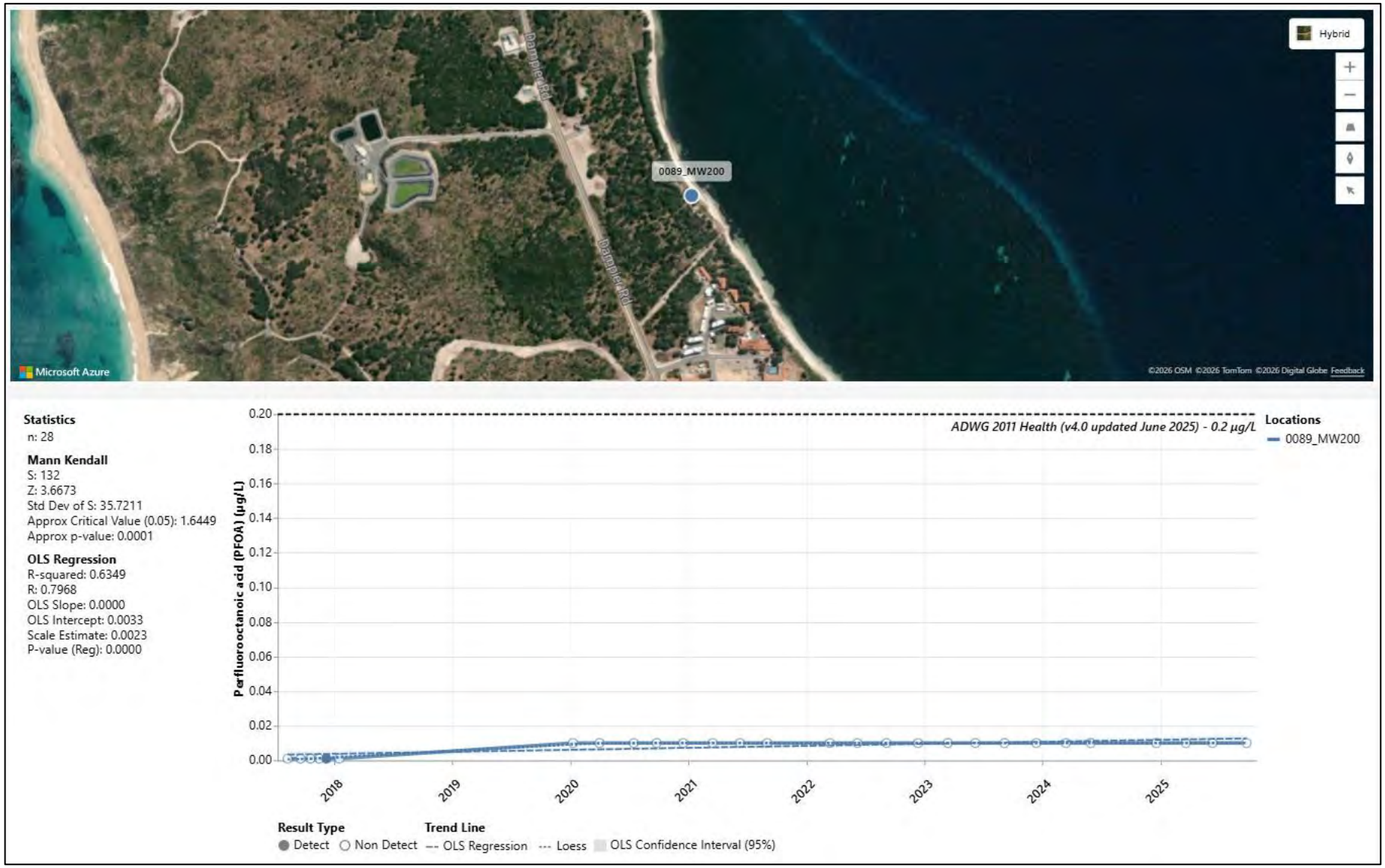

Figure E.87 MW200 (Pathway – WWTP) increasing trend for PFOA

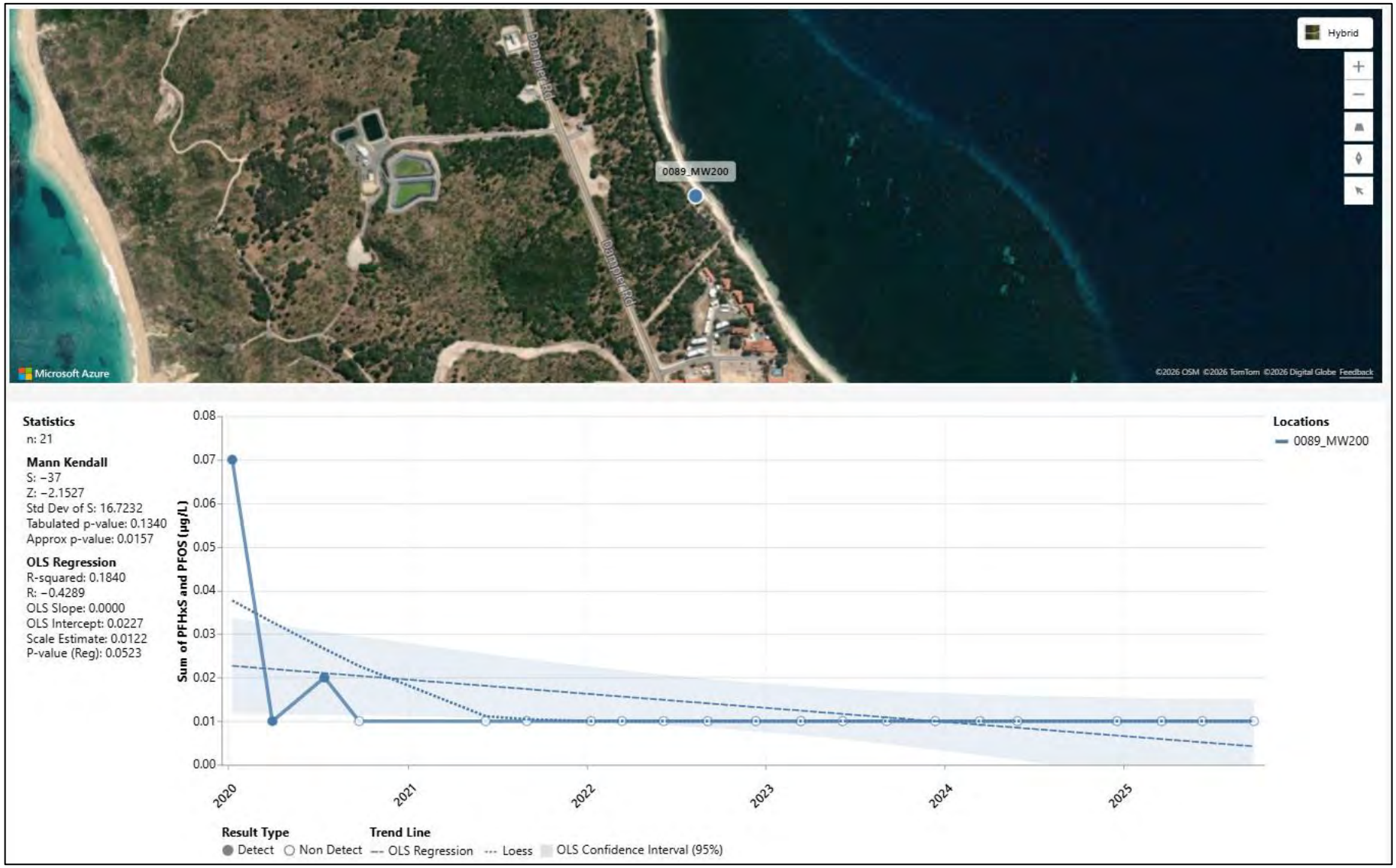

Figure E.88 MW200 (Pathway – WWTP) decreasing trend for PFHxS and PFOS

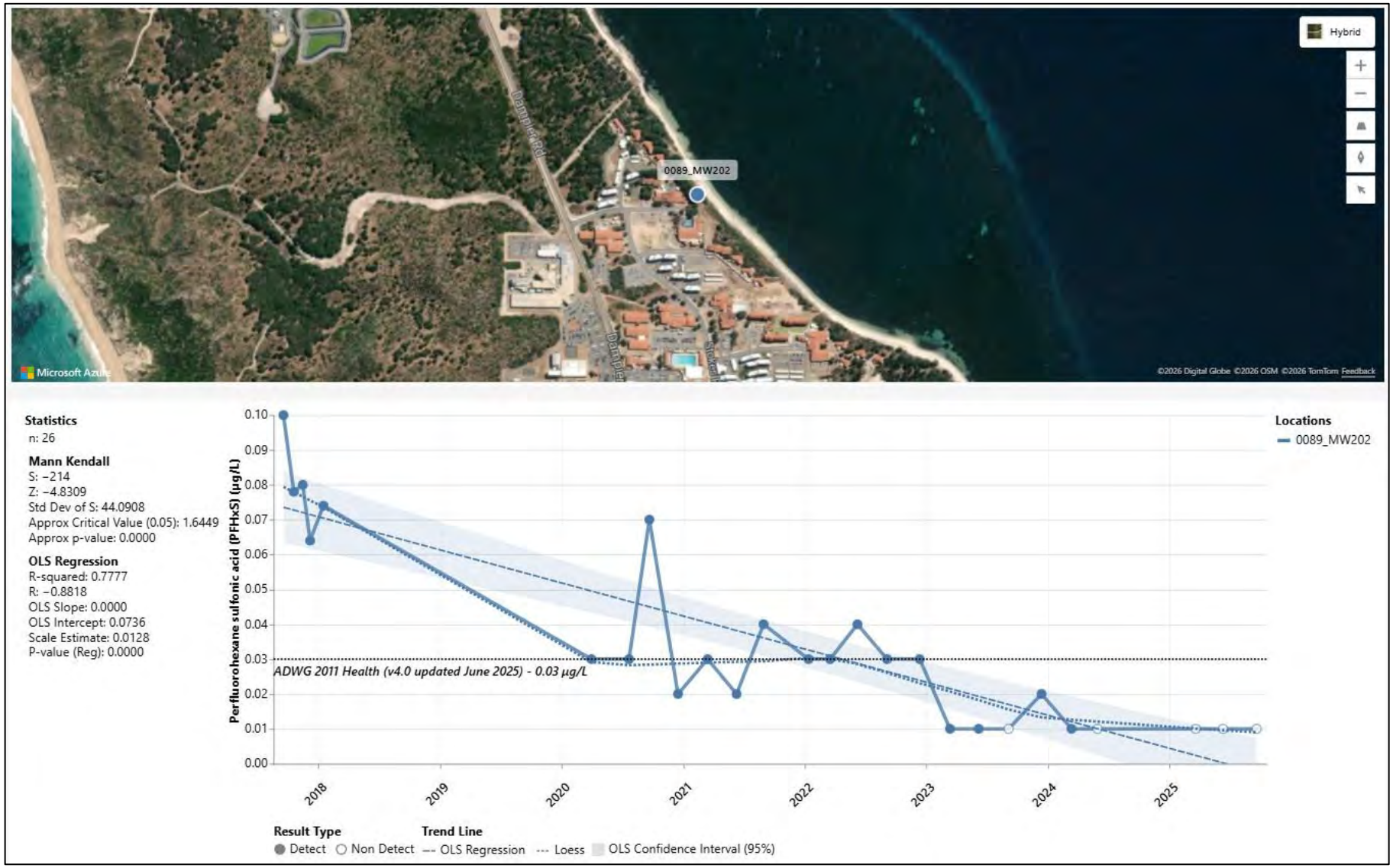

Figure E.89 MW202 (Pathway – WWTP) decreasing trend for PFHxS



Figure E.90 MW202 (Pathway – WWTP) increasing trend for PFOA

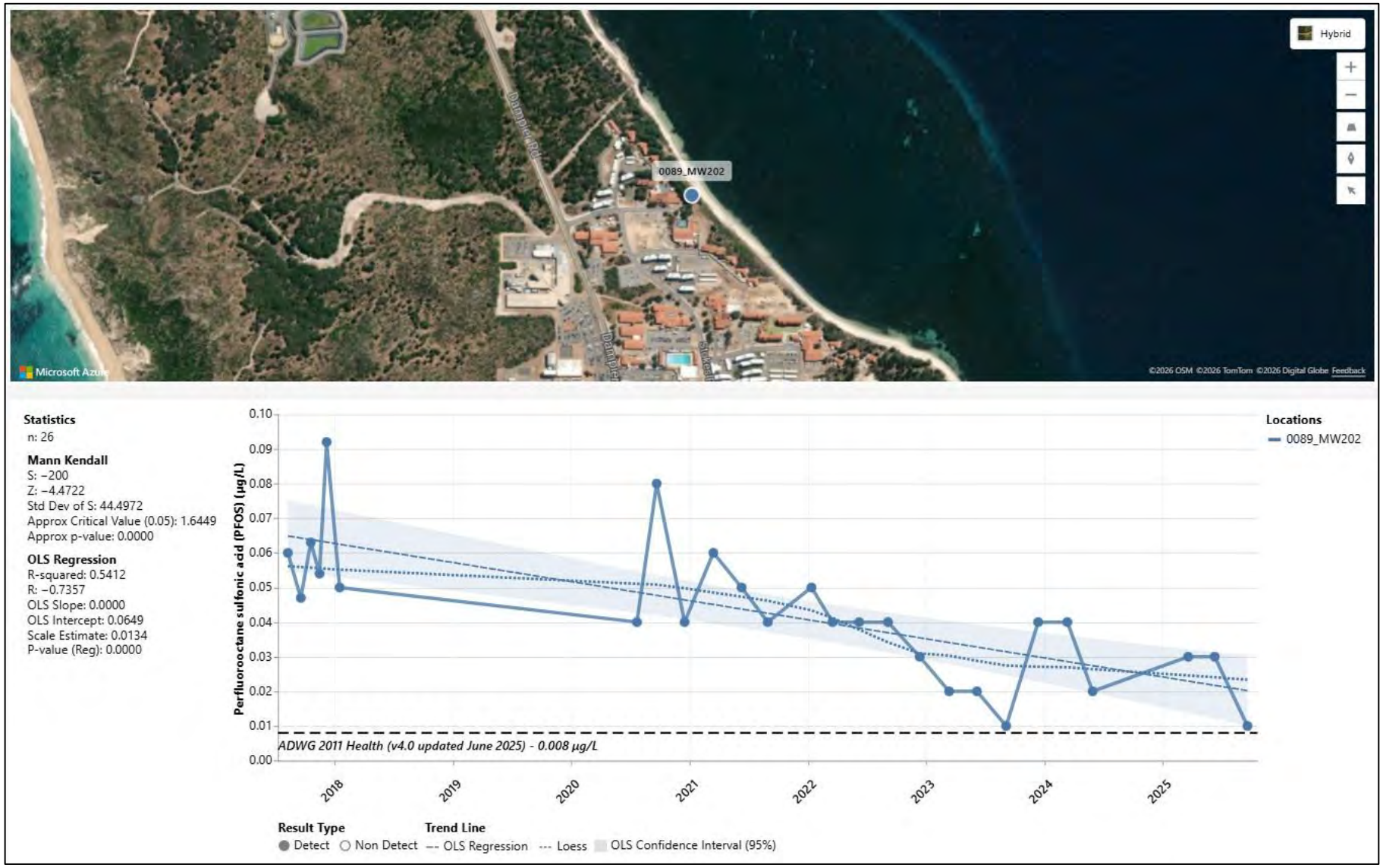

Figure E.91 MW202 (Pathway – WWTP) decreasing trend for PFOS

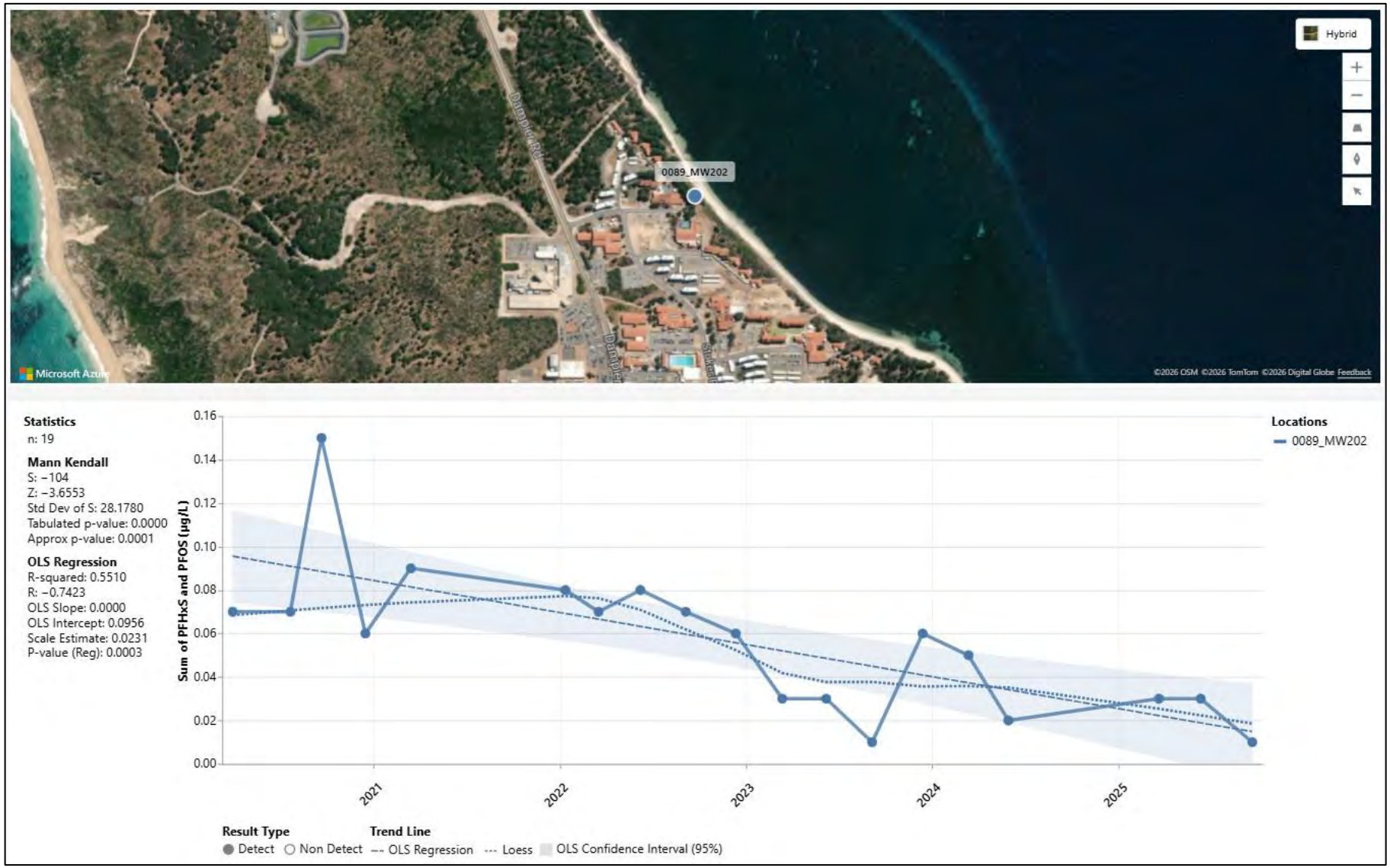

Figure E.92 MW202 (Pathway – WWTP) decreasing trend for PFHxS and PFOS

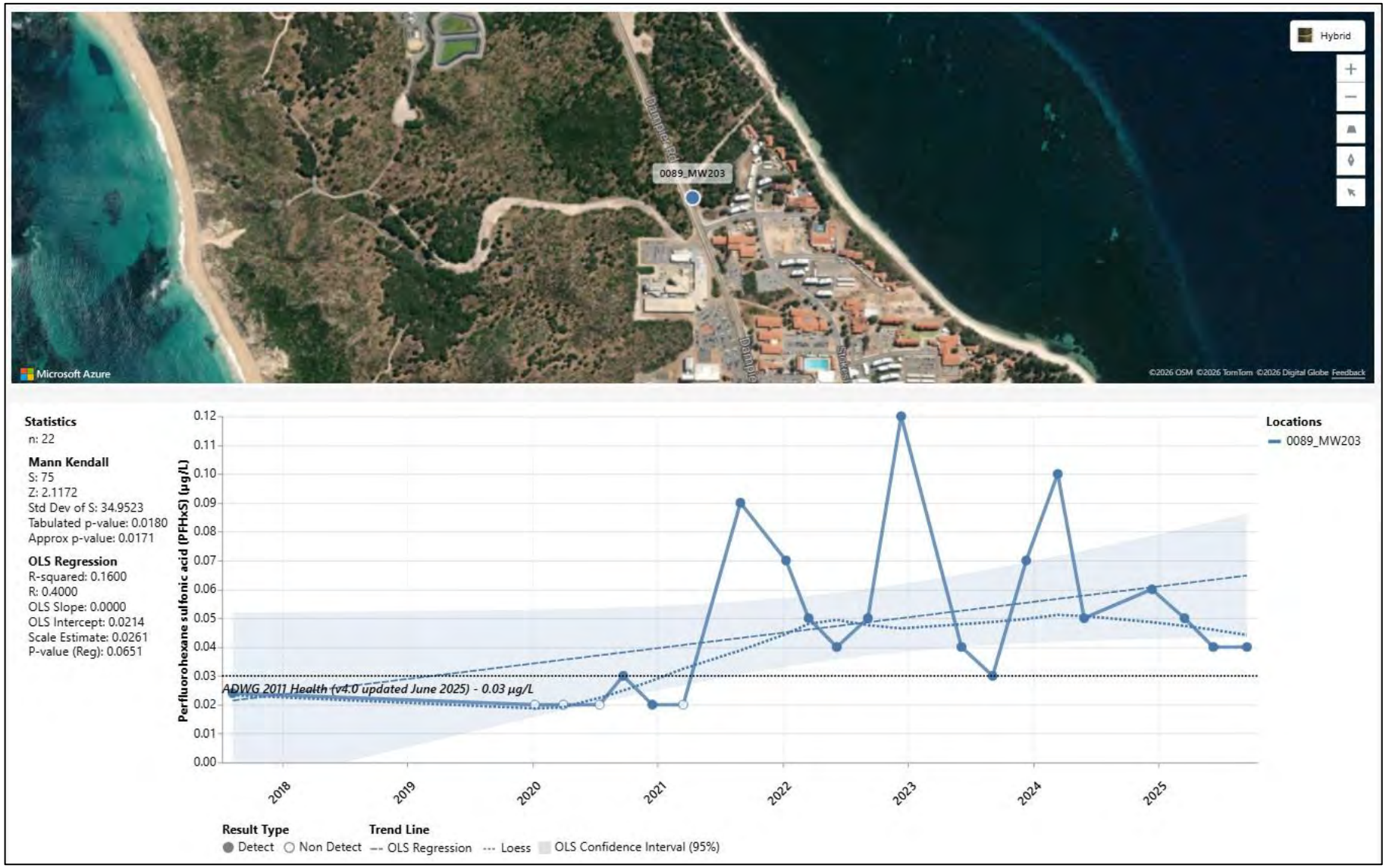

Figure E.93 MW203 (Pathway – WWTP) increasing trend for PFHxS

HSF - Pathway

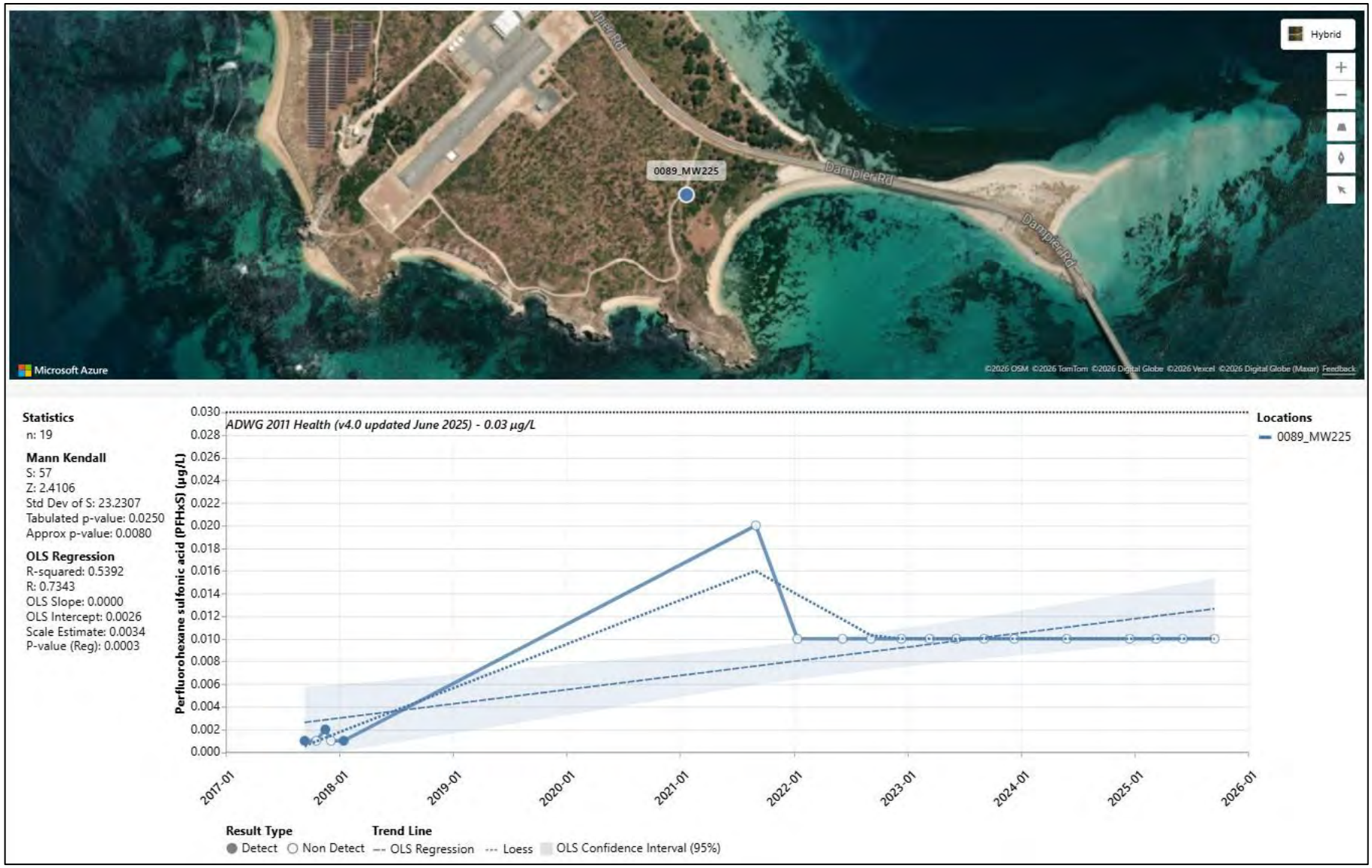

Figure E.94 MW225 (Pathway – HSF) increasing trend for PFHxS

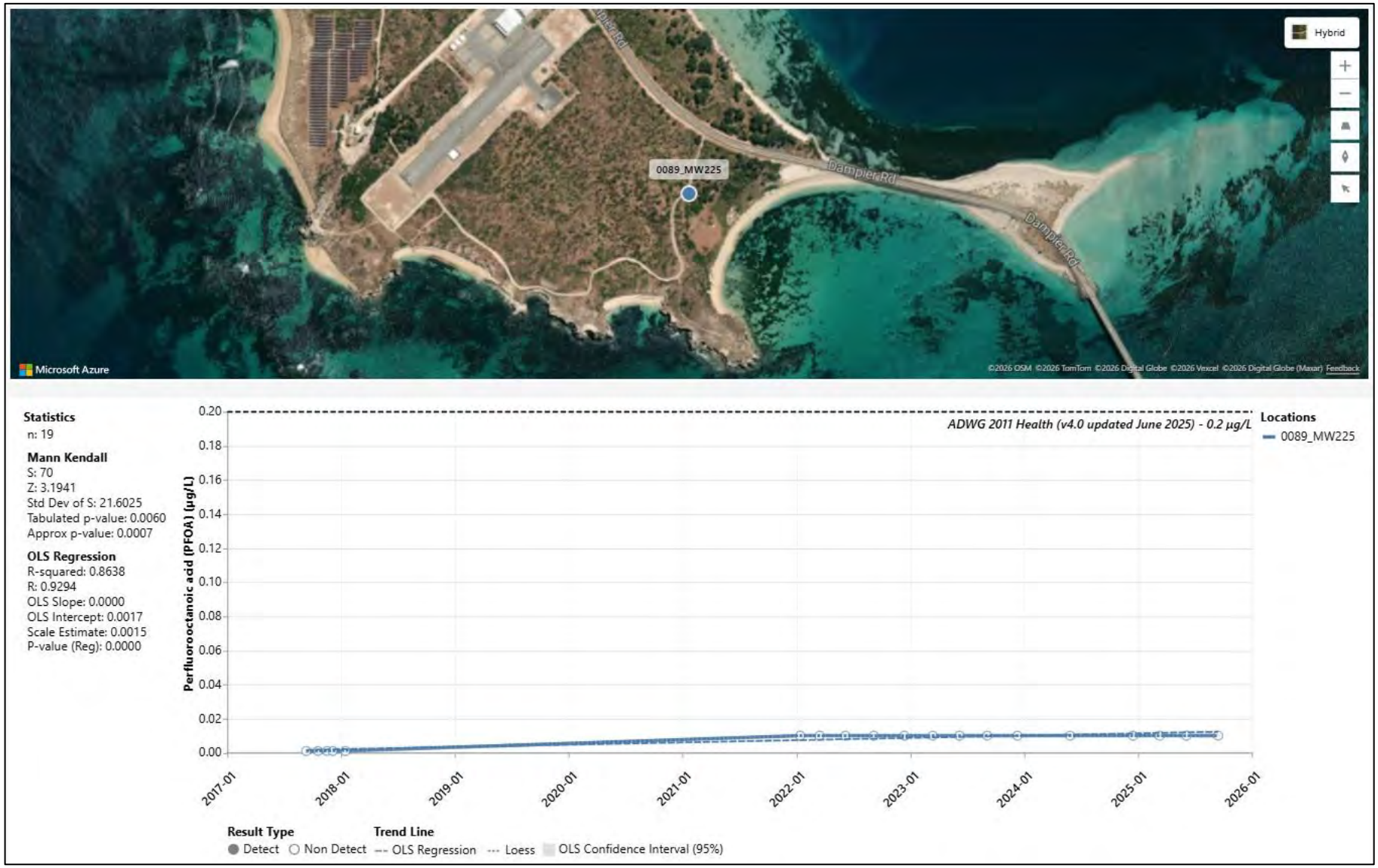

Figure E.95 MW225 (Pathway – HSF) increasing trend for PFOA

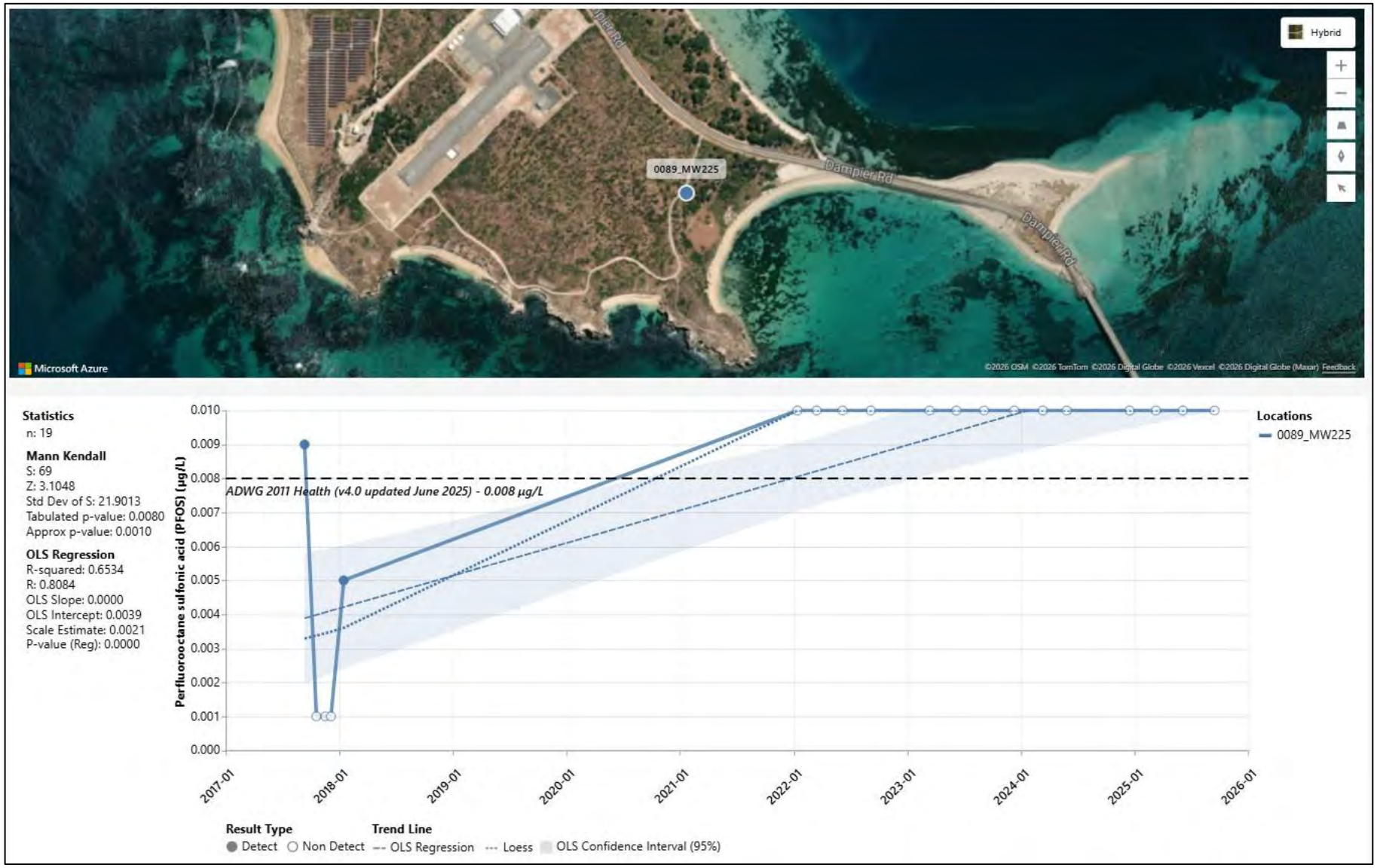

Figure E.96 MW225 (Pathway – HSF) increasing trend for PFOS

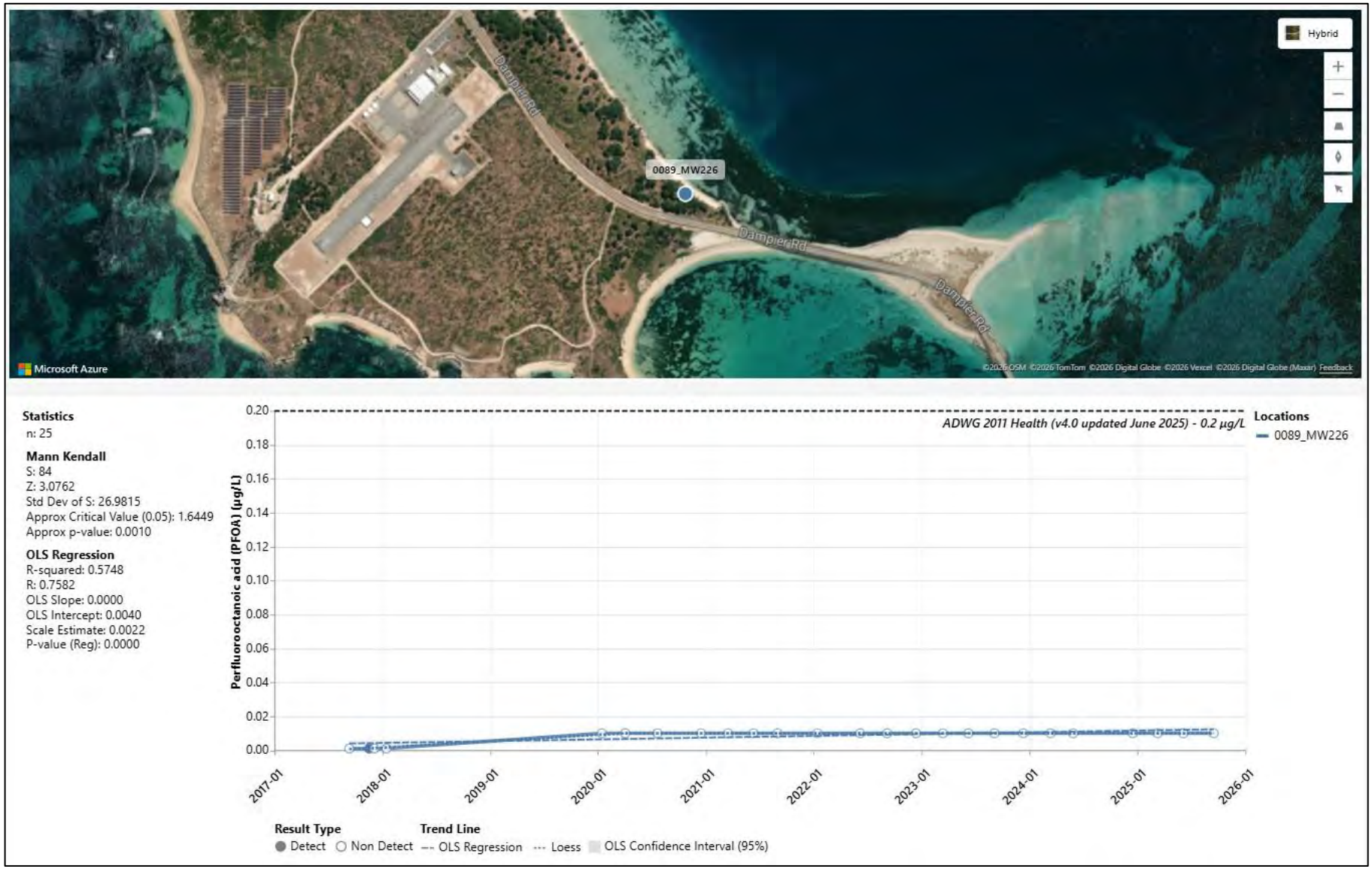

Figure E.97 MW226 (Pathway – HSF) increasing trend for PFOA

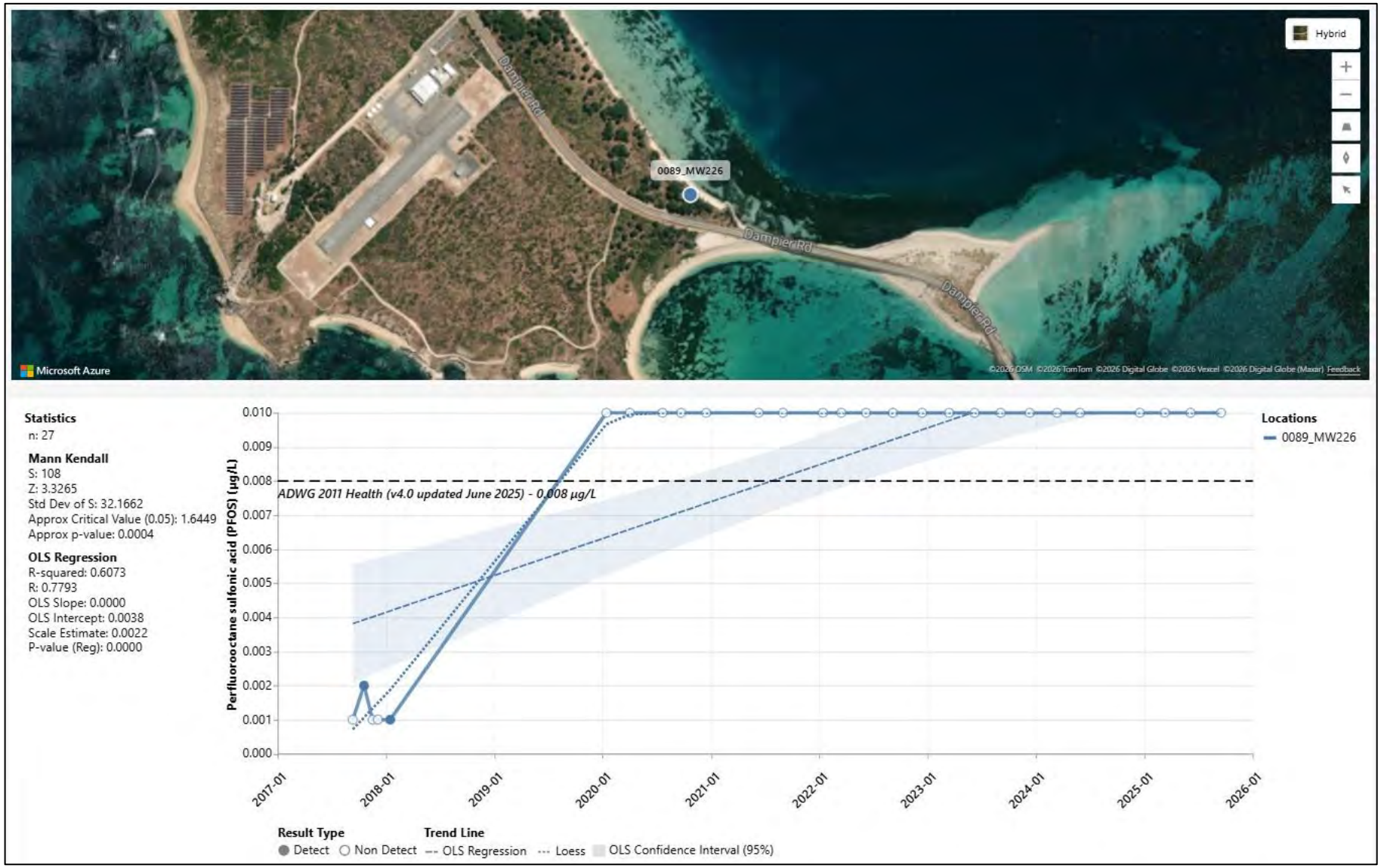

Figure E.98 MW226 (Pathway – HSF) increasing trend for PFOS

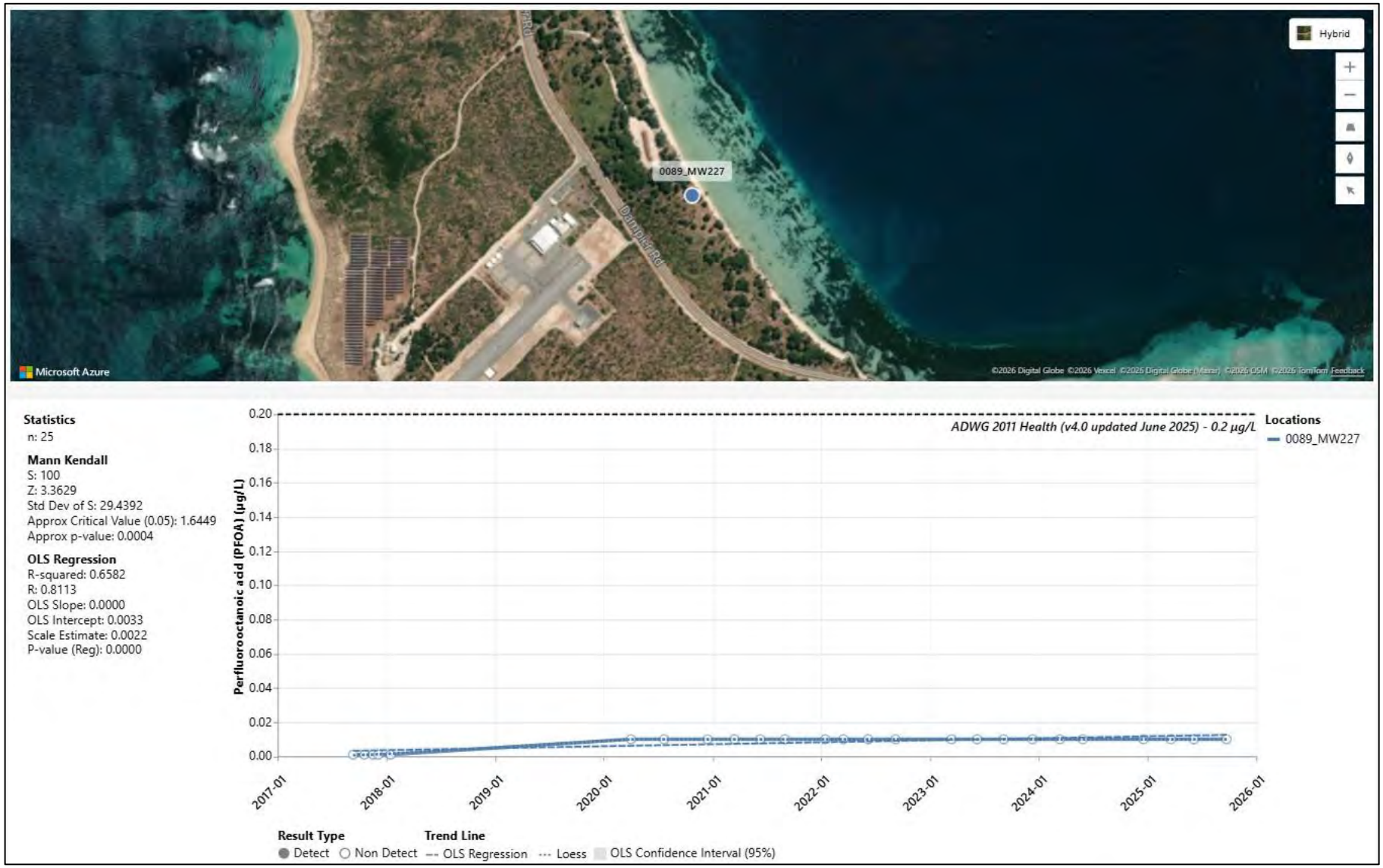

Figure E.99 MW227 (Pathway – HSF) increasing trend for PFOA

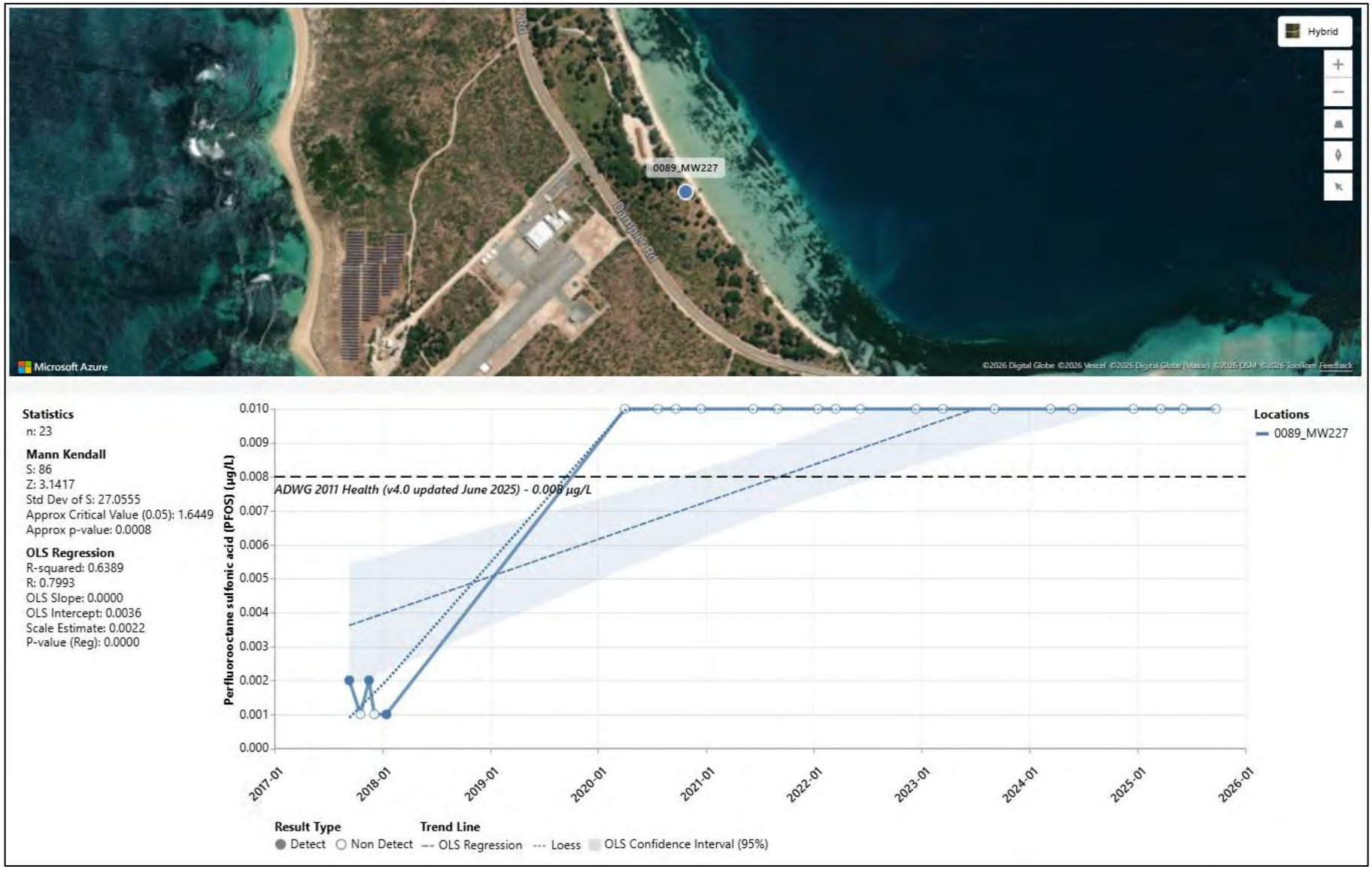

Figure E.100 MW227 (Pathway – HSF) increasing trend for PFOS

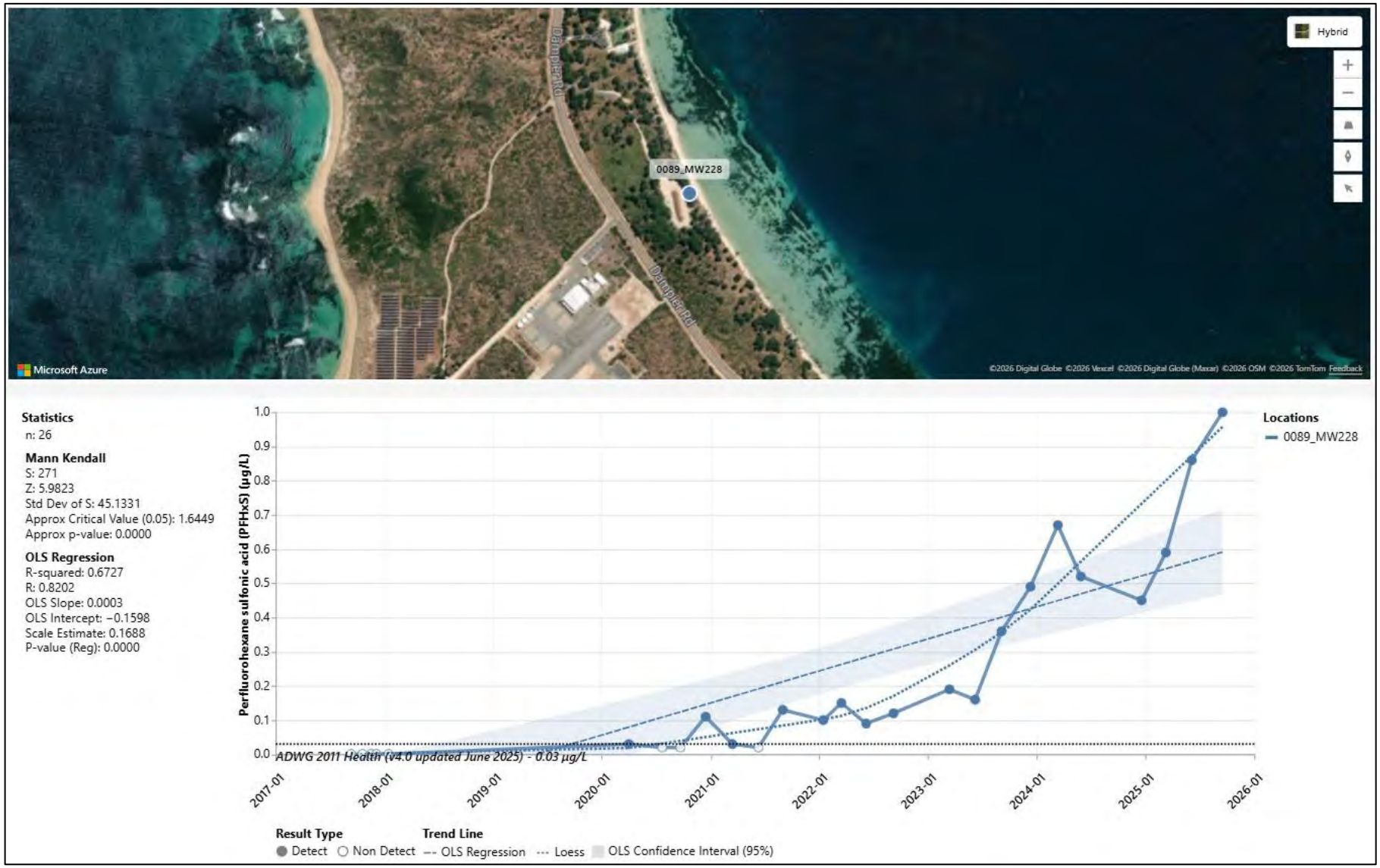

Figure E.101 MW228 (Pathway – HSF) increasing trend for PFHxS

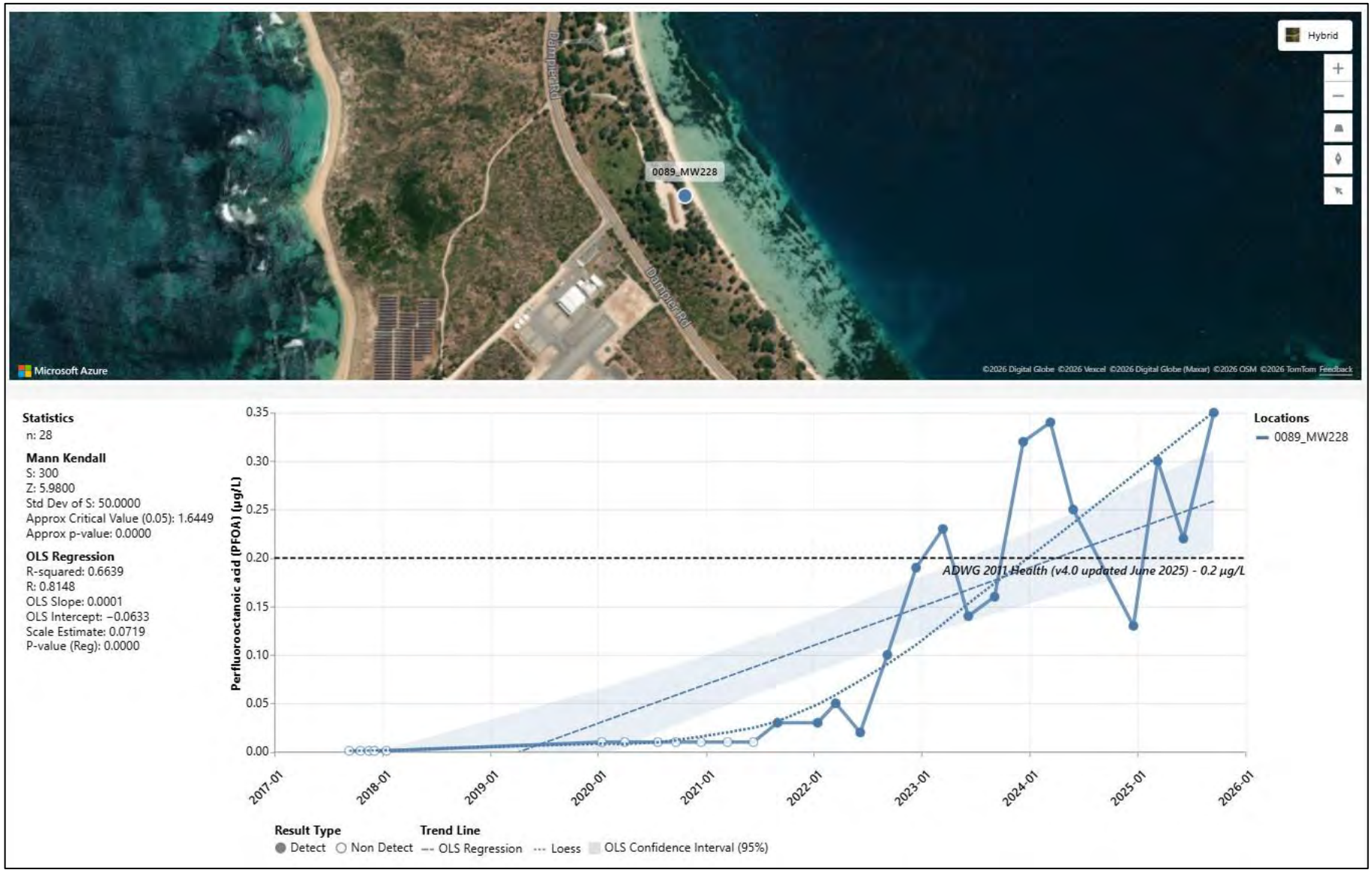

Figure E.102 MW228 (Pathway – HSF) increasing trend for PFOA

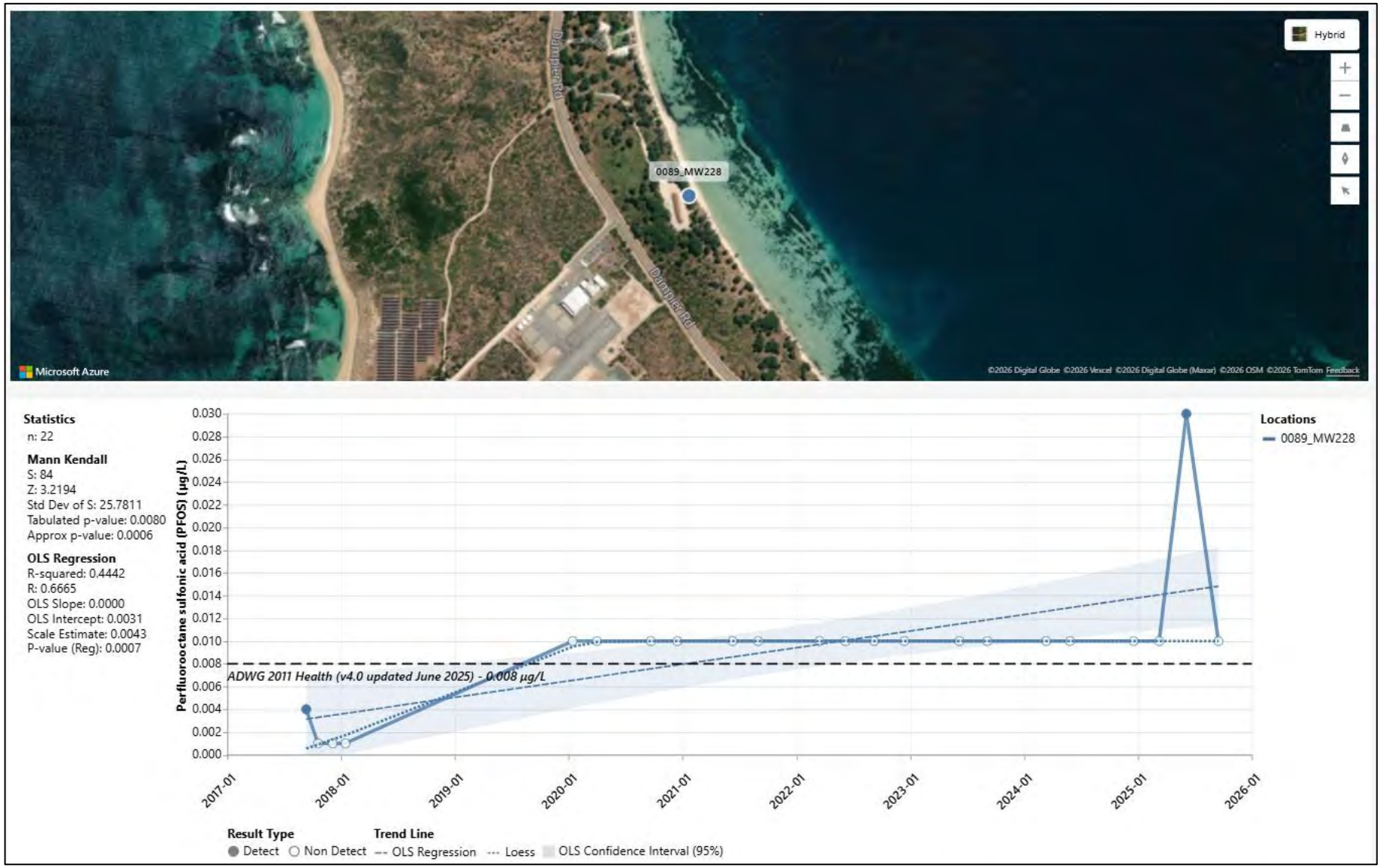

Figure E.103 MW228 (Pathway – HSF) increasing trend for PFOS

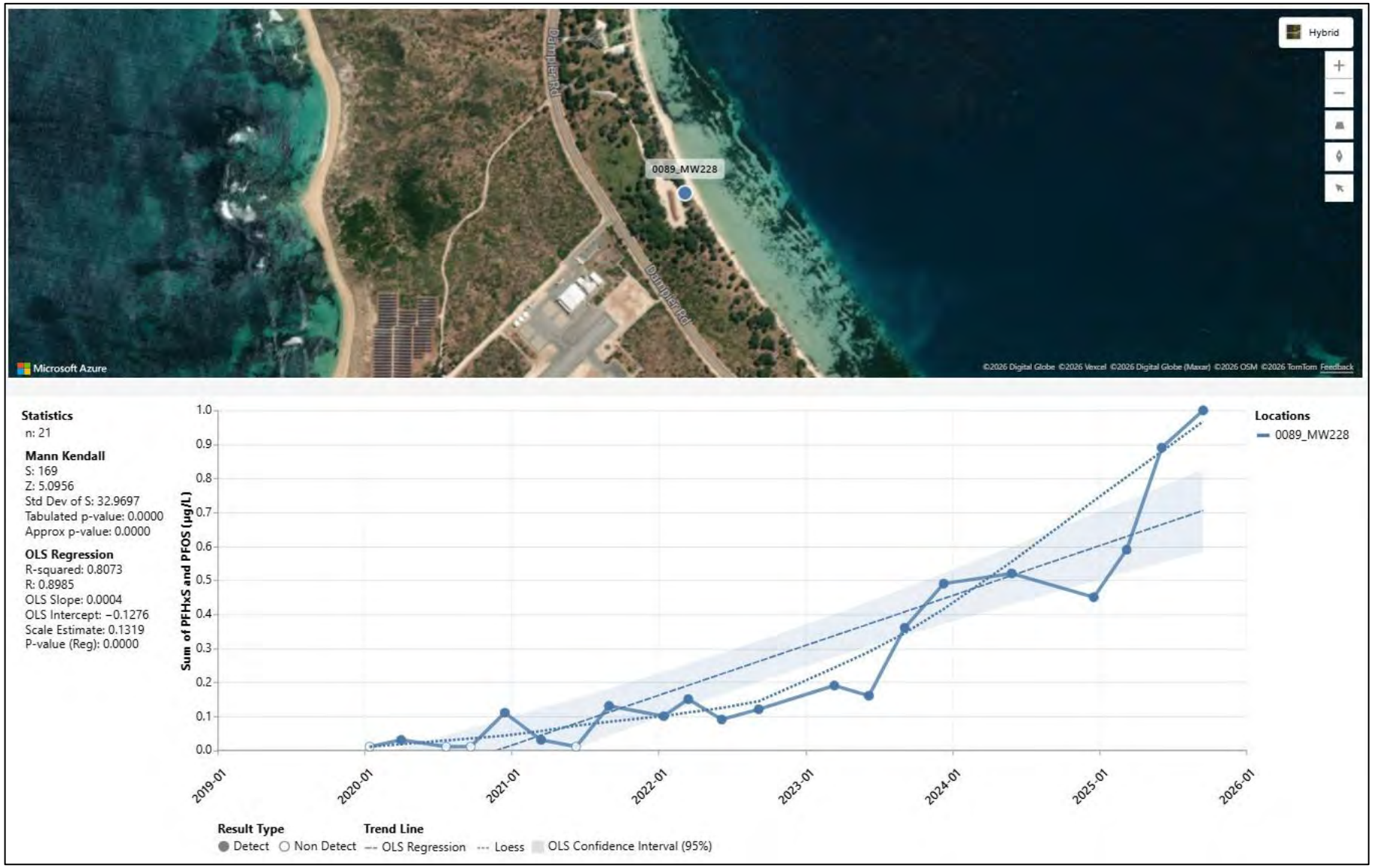

Figure E.104 MW228 (Pathway – HSF) increasing trend for PFHxS and PFOS

Accommodation Area – Pathway

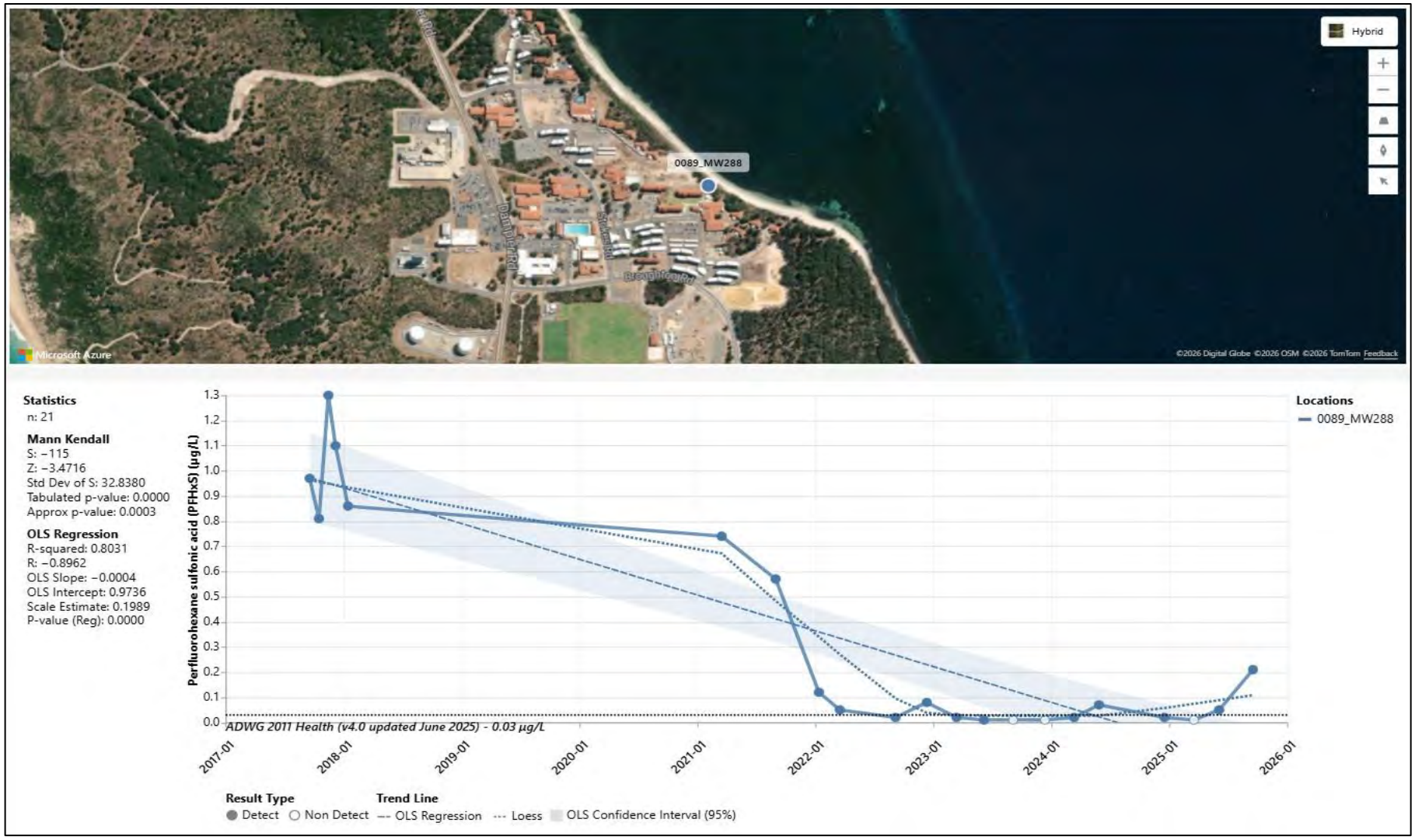

Figure E.105 MW288 (Pathway – Accommodation Area) decreasing trend for PFHxS

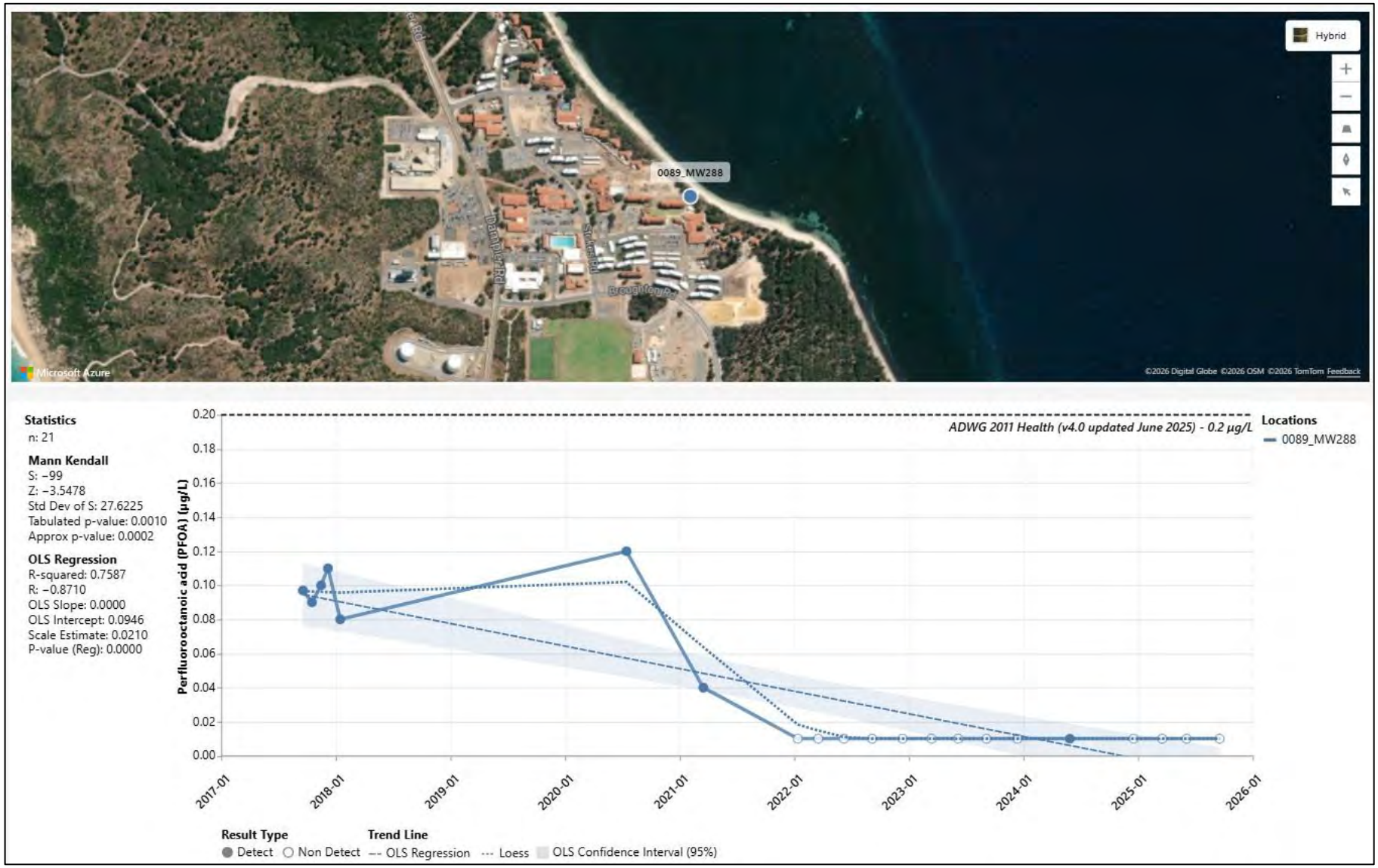

Figure E.106 MW288 (Pathway – Accommodation Area) decreasing trend for PFOA

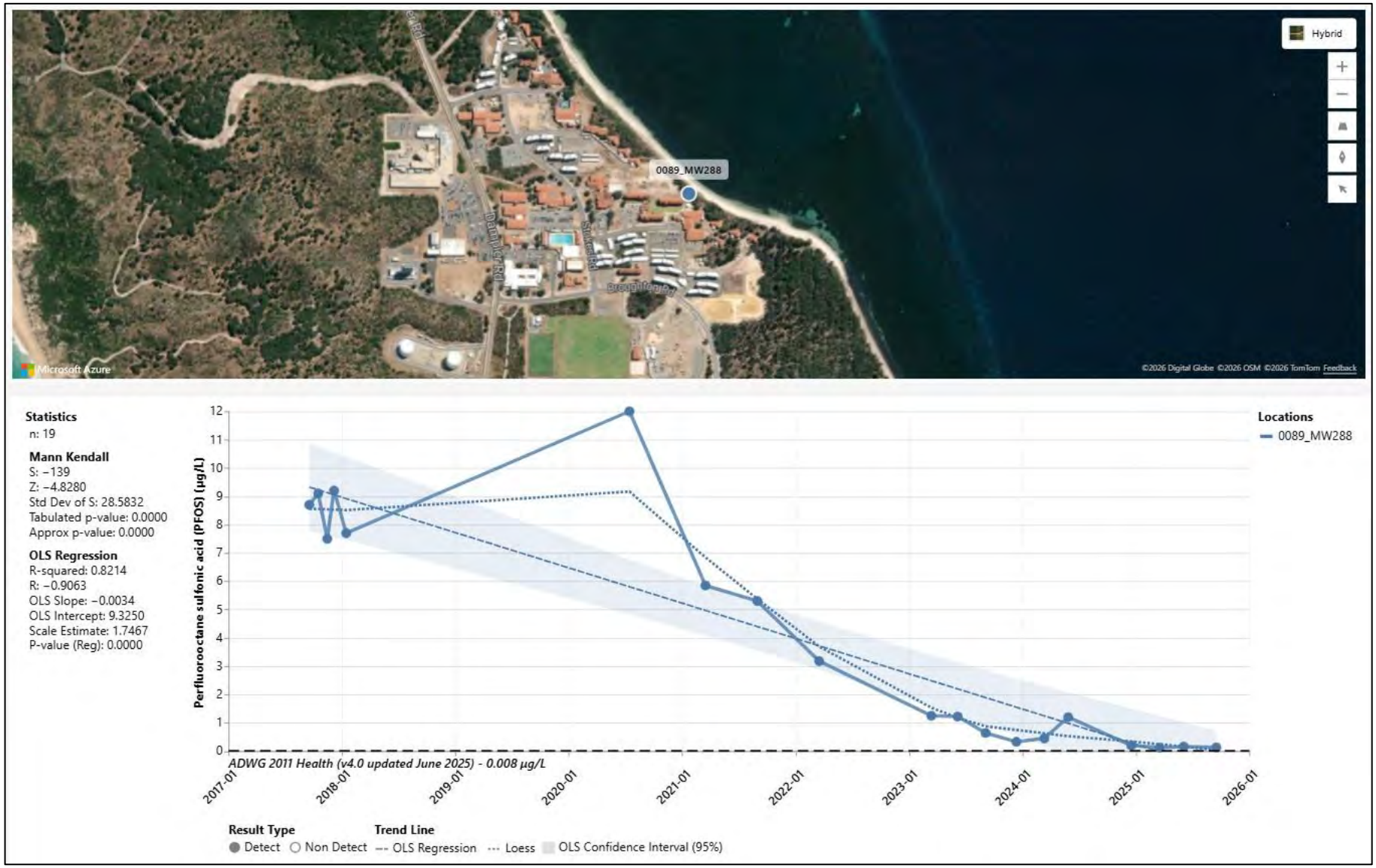

Figure E.107 MW288 (Pathway - Accommodation Area) decreasing trend for PFOS

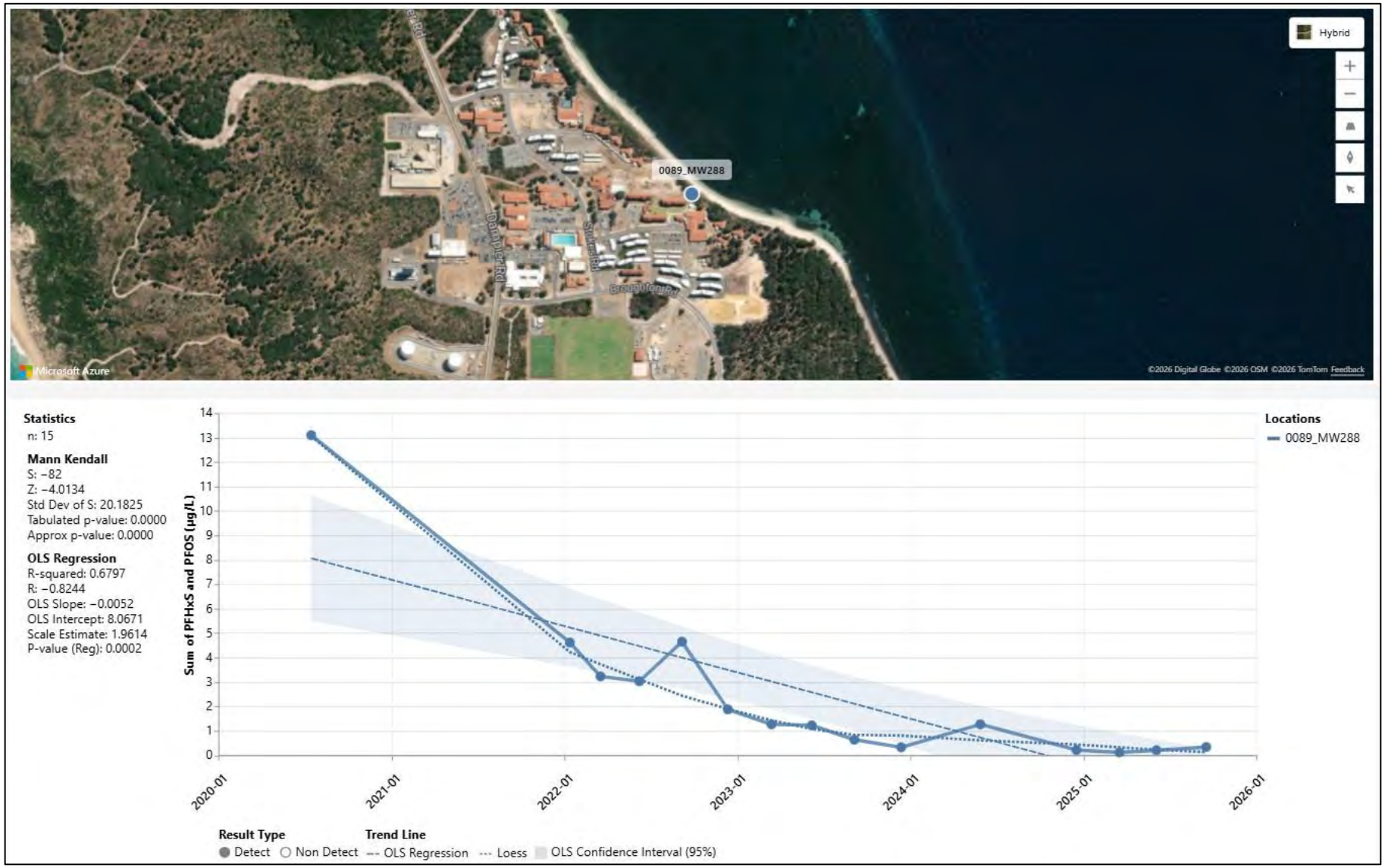

Figure E.108 MW288 (Pathway - Accommodation Area) decreasing trend for PFHxS and PFOS

AVCAT Storage Area and Fuel Farm - Pathway

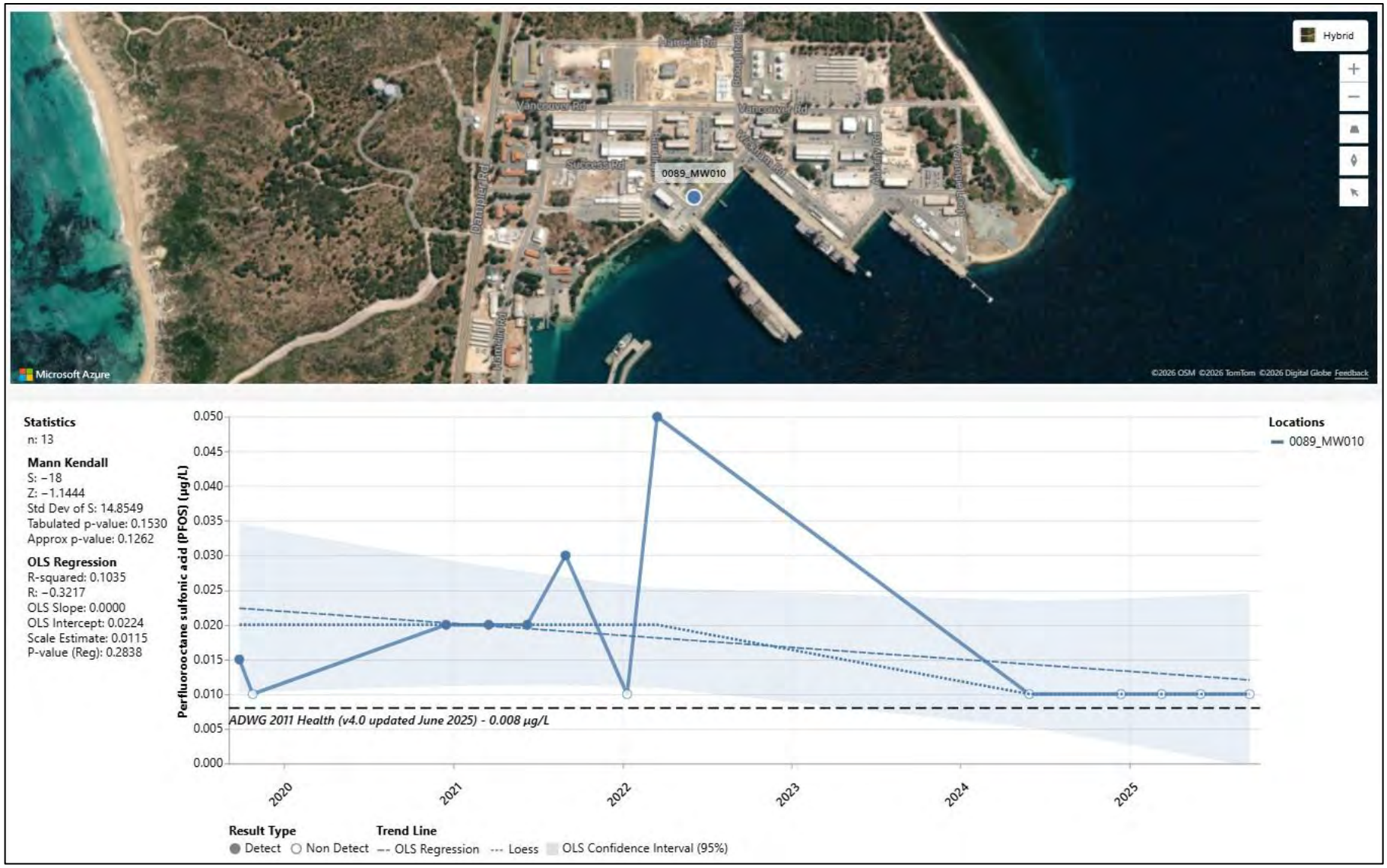

Figure E.109 MW010 (Pathway – AVCAT Storage Area and Fuel Farm) decreasing trend for PFOS

Appendix F

Box and whisker plots

The image below (Figure F.1) provides a guide for how to read a box and whisker plot. Duplicate samples were not included in the data set, and a limit of reporting (LOR) multiplier of 1 was applied for non-detects. IQR = Inter Quartile Range.

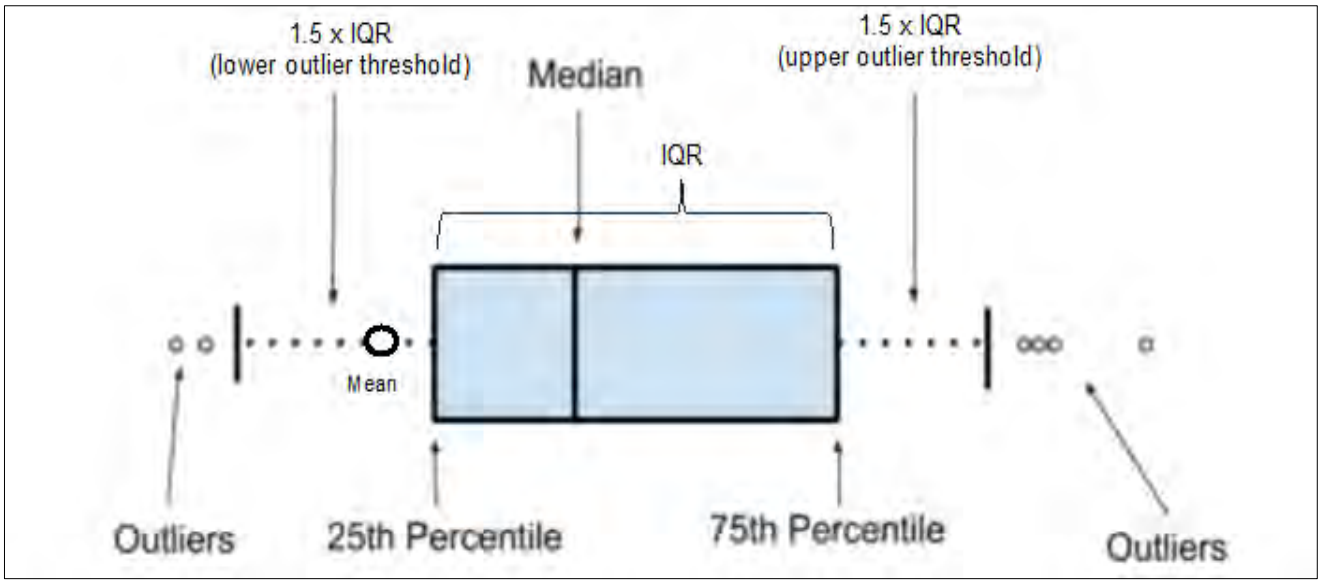

Figure F.1 Summary of a box and whisker plot

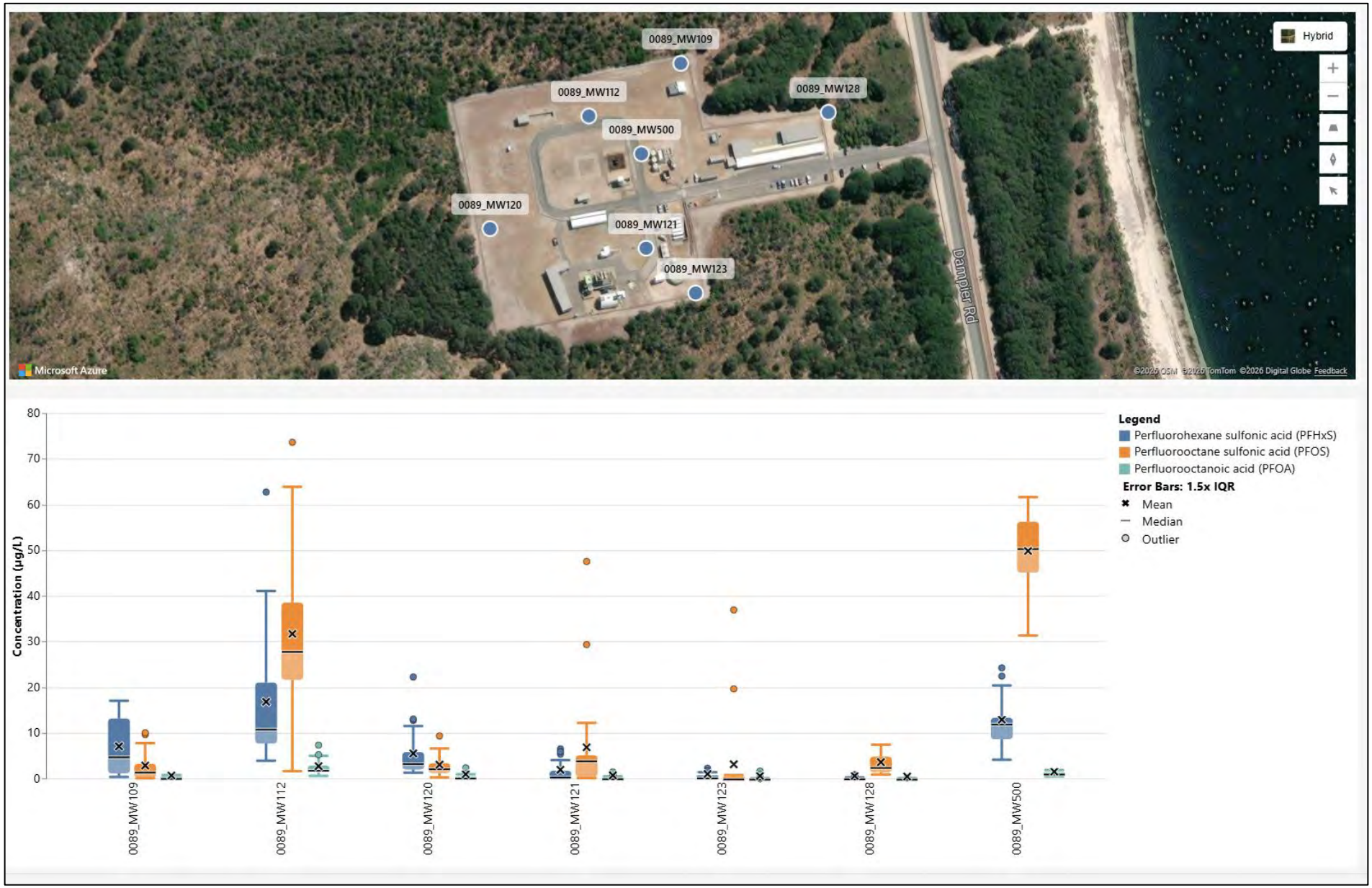

Figure F.2 Fire Training Area (Source) – PFHxS, PFOS and PFOA

\

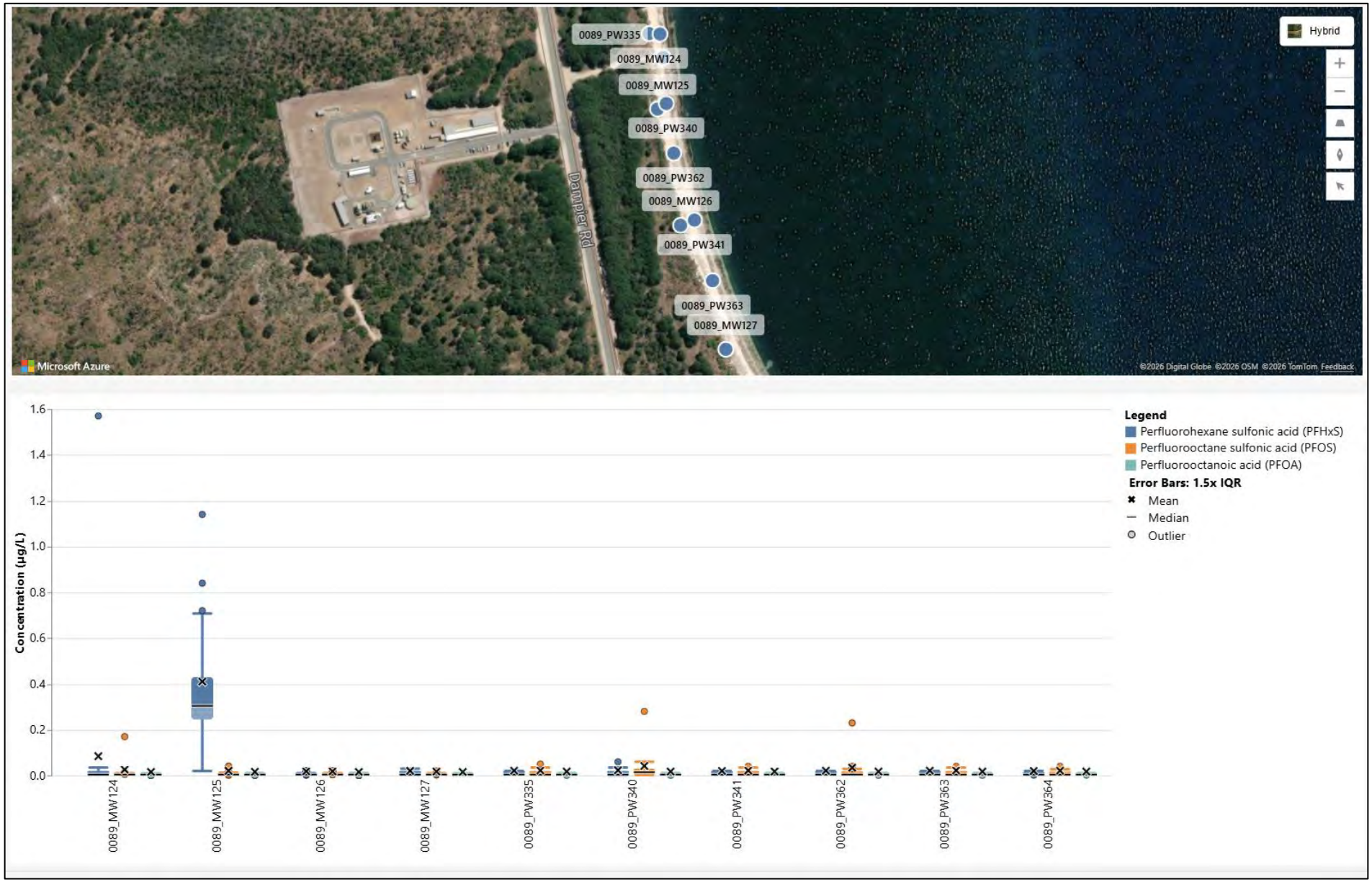

Figure F.3 Fire Training Area (Pathway) – PFHxS, PFOS and PFOA

\

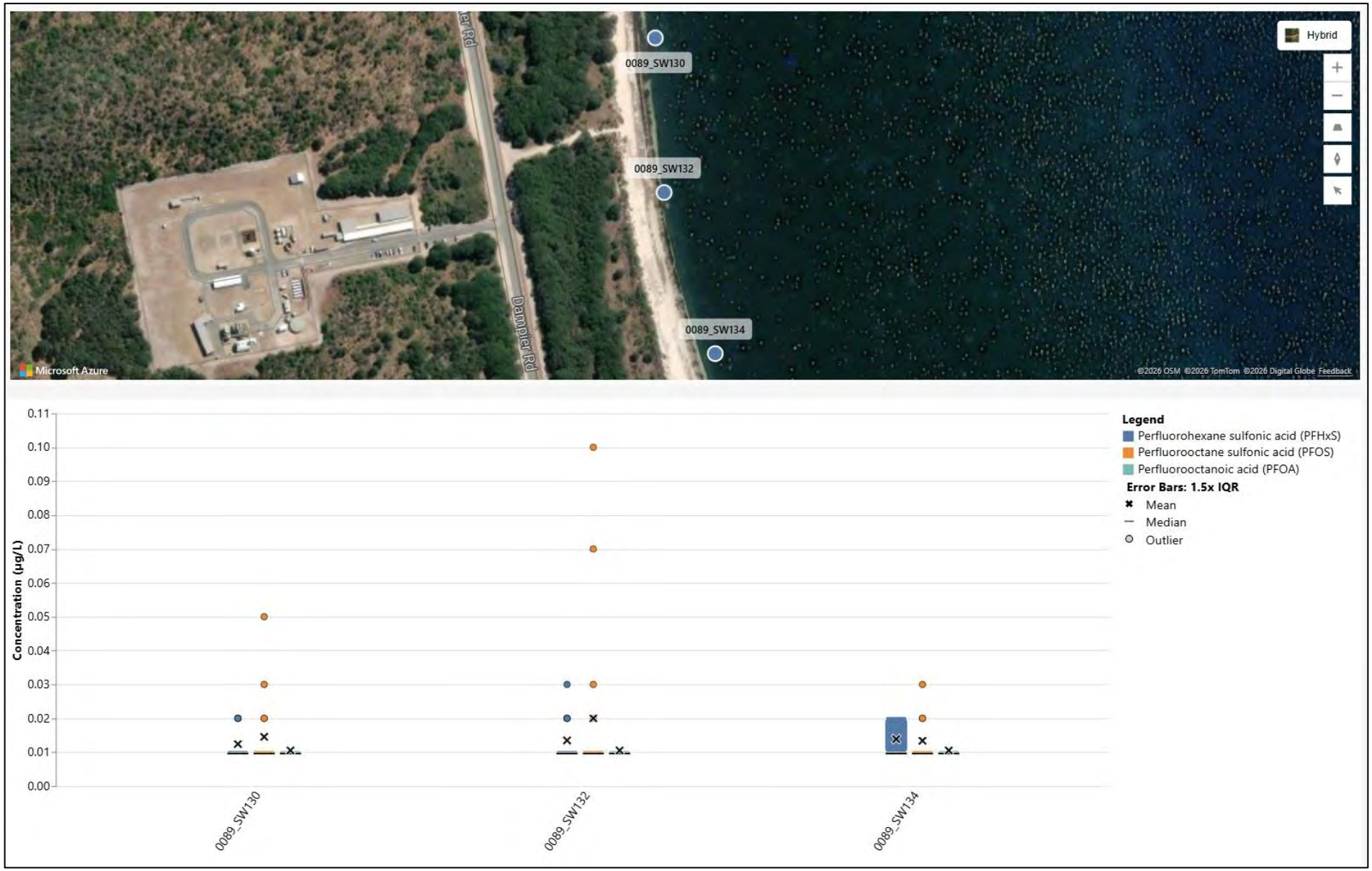

Figure F.4 Fire Training Area (Receptor) – PFHxS, PFOS and PFOA

\

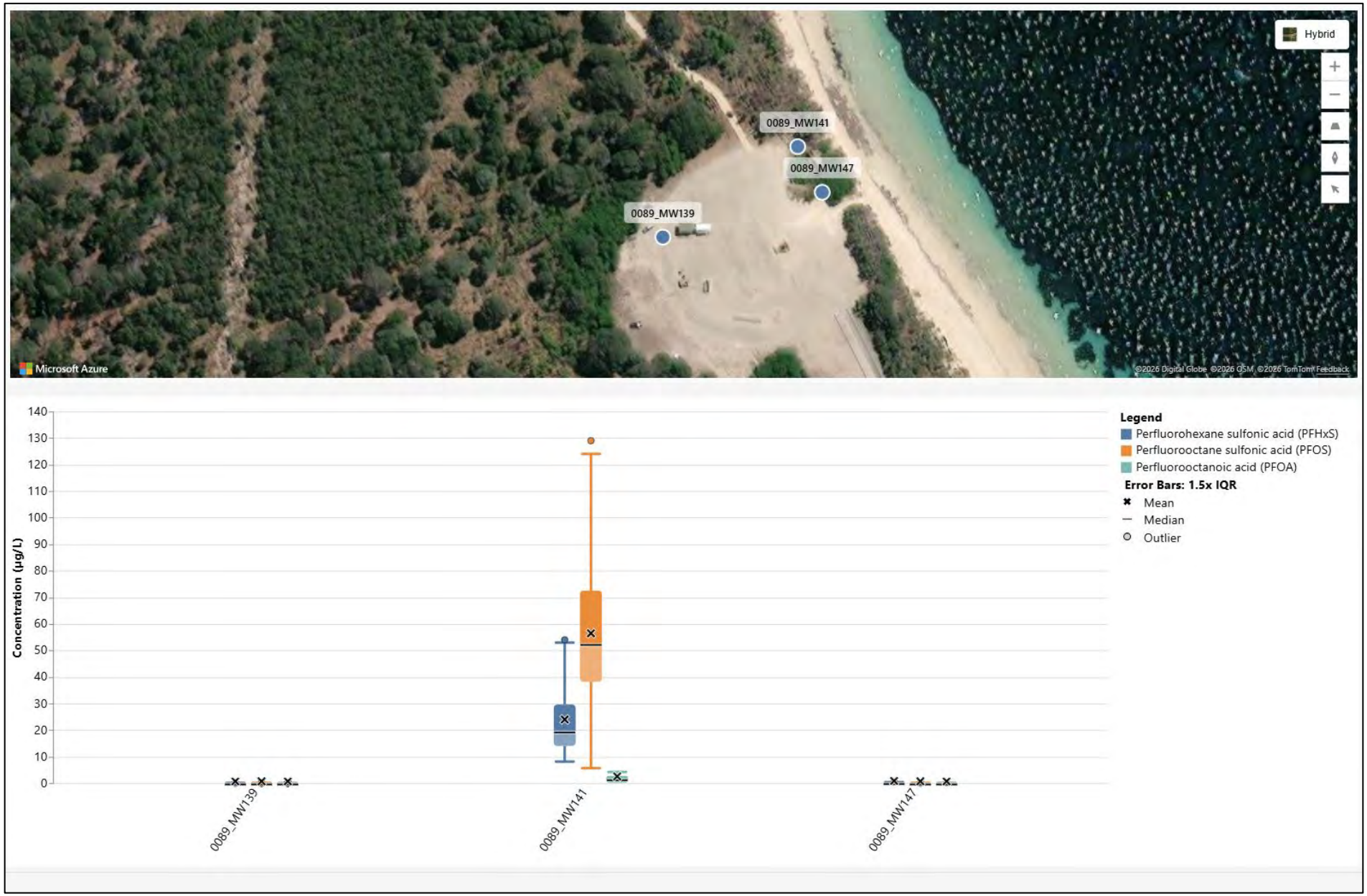

Figure F.5 Demolition Ground (Source) – PFHxS, PFOS and PFOA

\

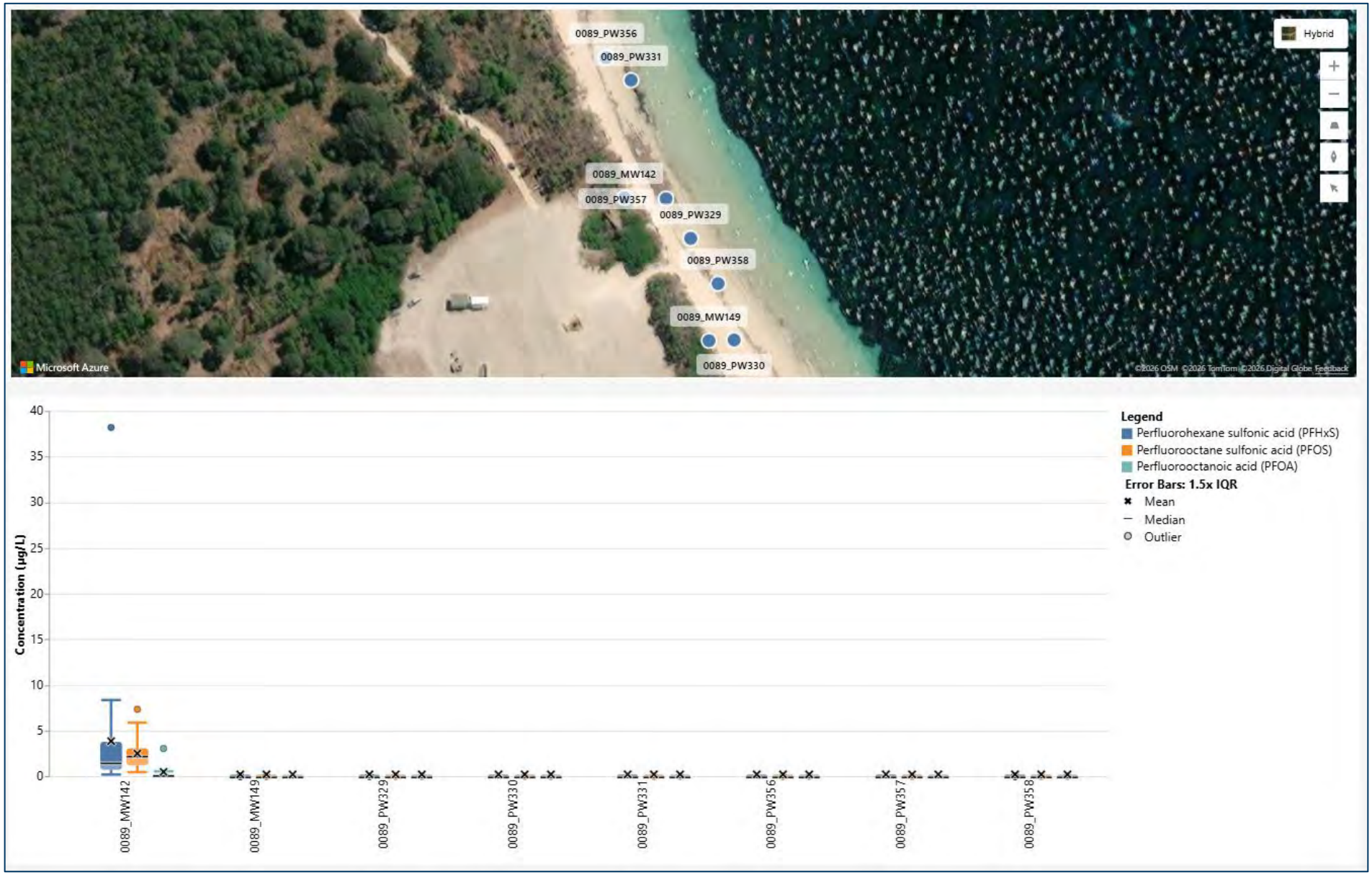

Figure F.6 Demolition Ground (Pathway) – PFHxS, PFOS and PFOA

\

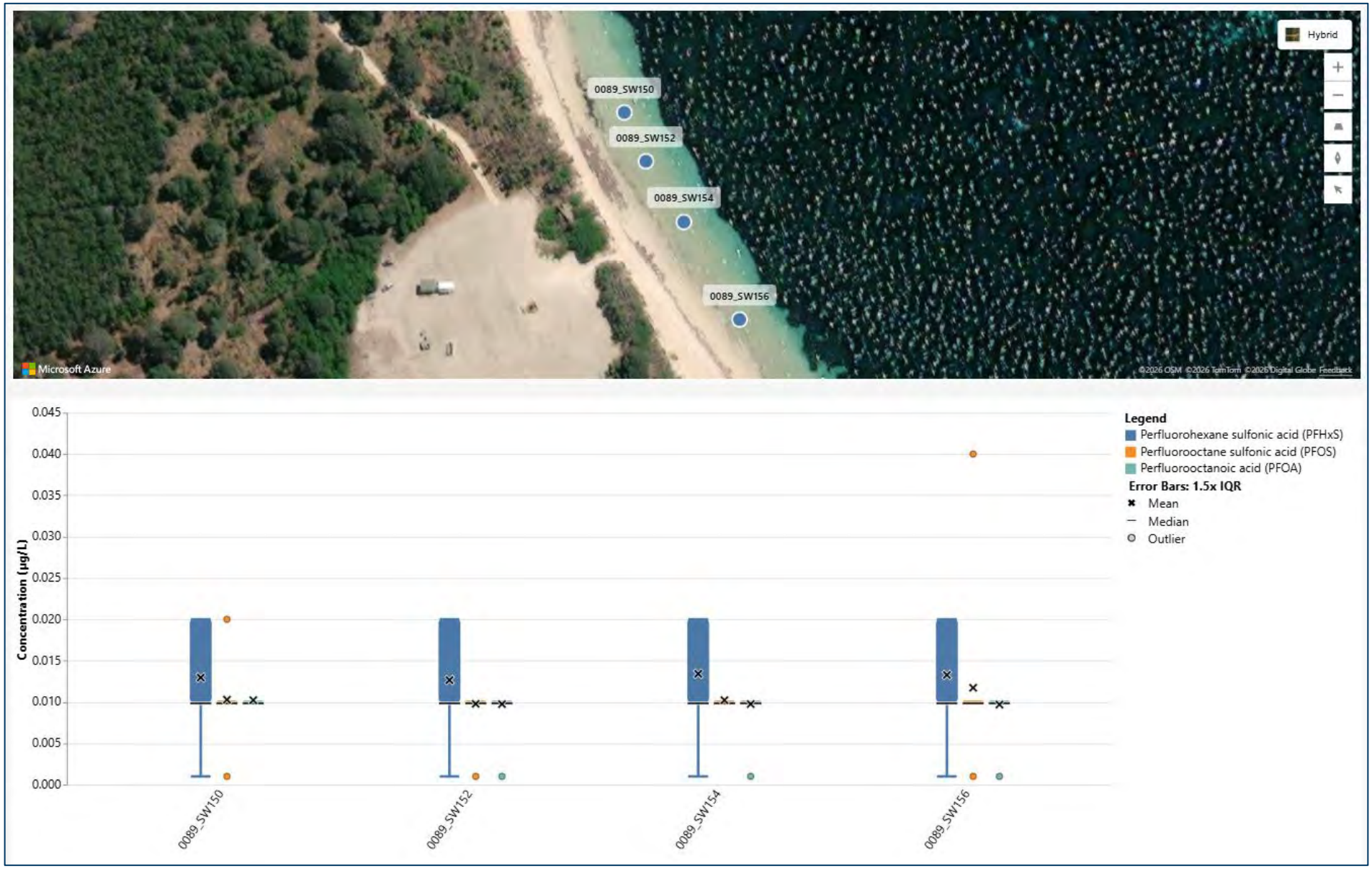

Figure F.7 Demolition Ground (Receptor) – PFHxS, PFOS and PFOA

\

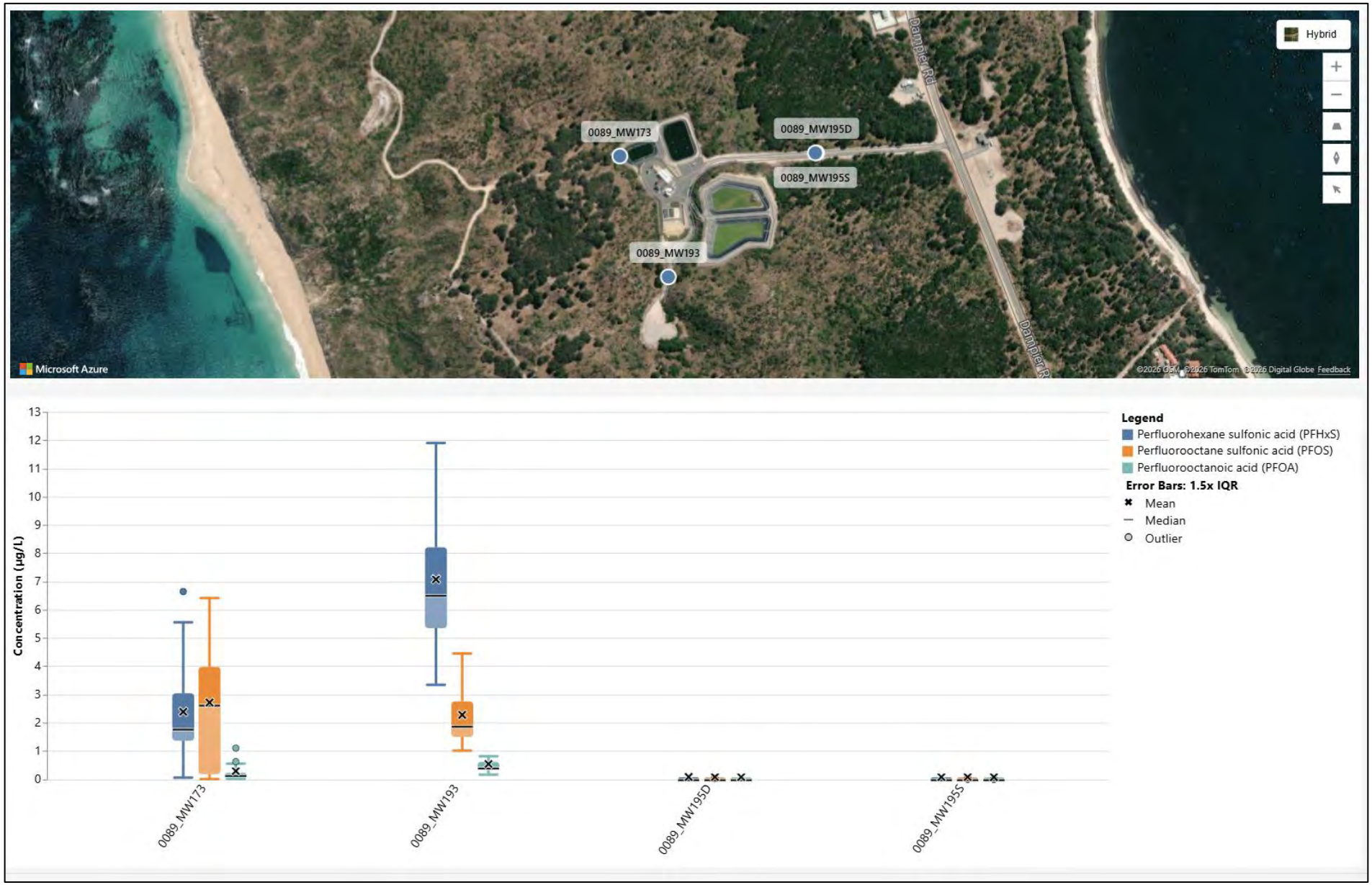

Figure F.8 Wastewater Treatment Plant (Source) – PFHxS, PFOS and PFOA

\

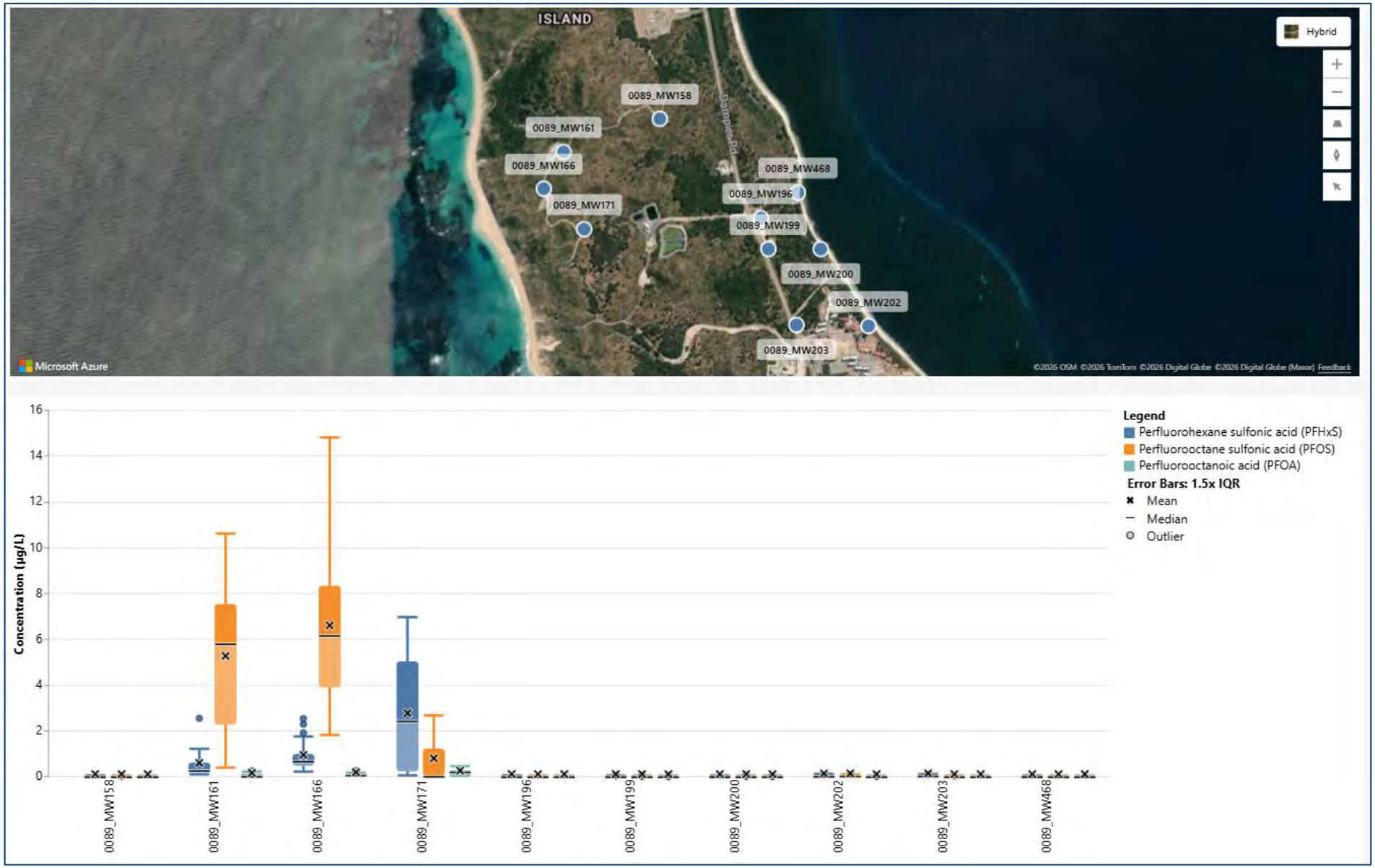

Figure F.9 Wastewater Treatment Plant (Pathway) – PFHxS, PFOS and PFOA in groundwater

\

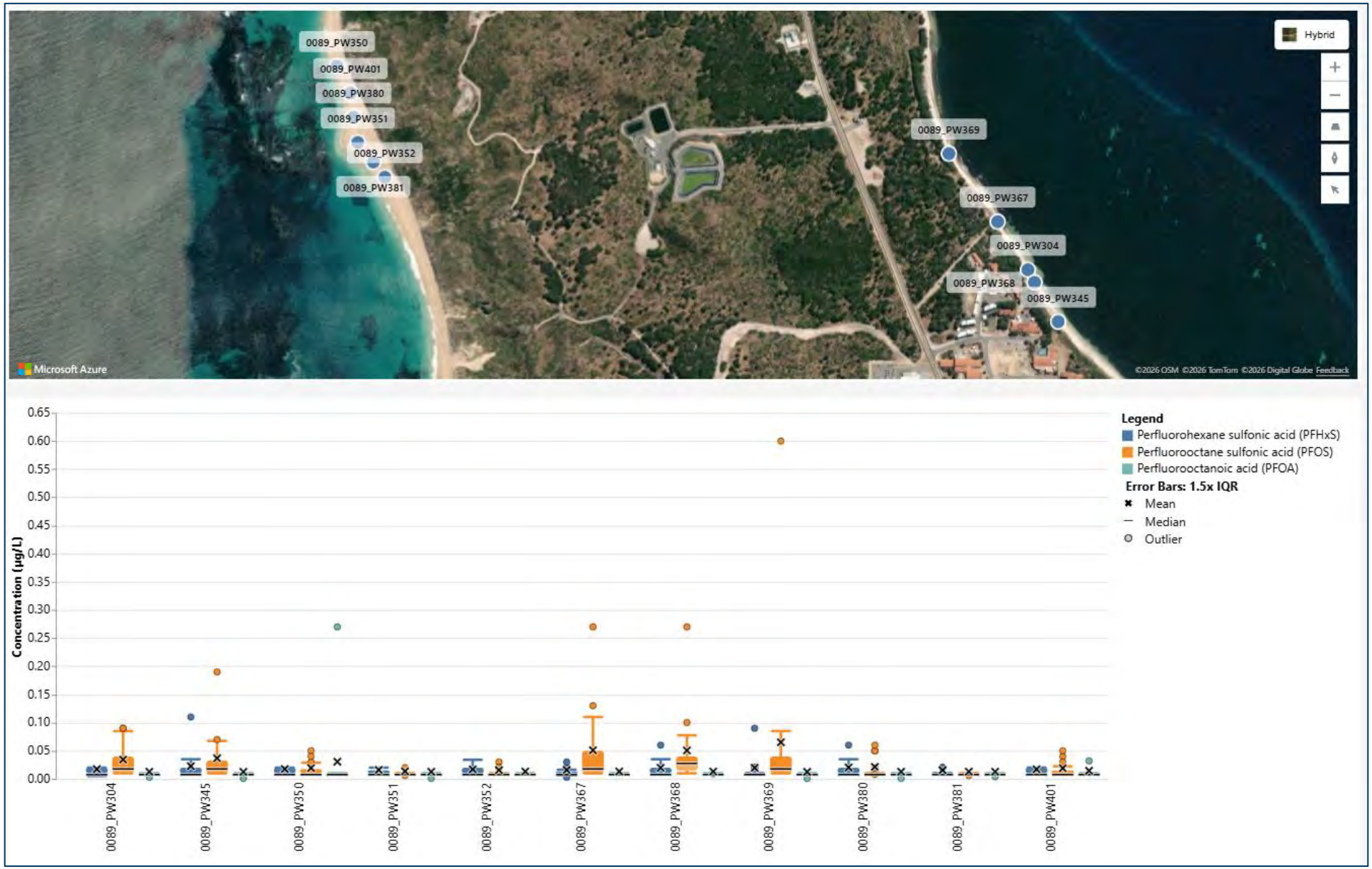

Figure F.10 Wastewater Treatment Plant (Pathway) – PFHxS, PFOS and PFOA in porewater

\



Figure F.11 Wastewater Treatment Plant (Receptor) – PFHxS, PFOS and PFOA

\

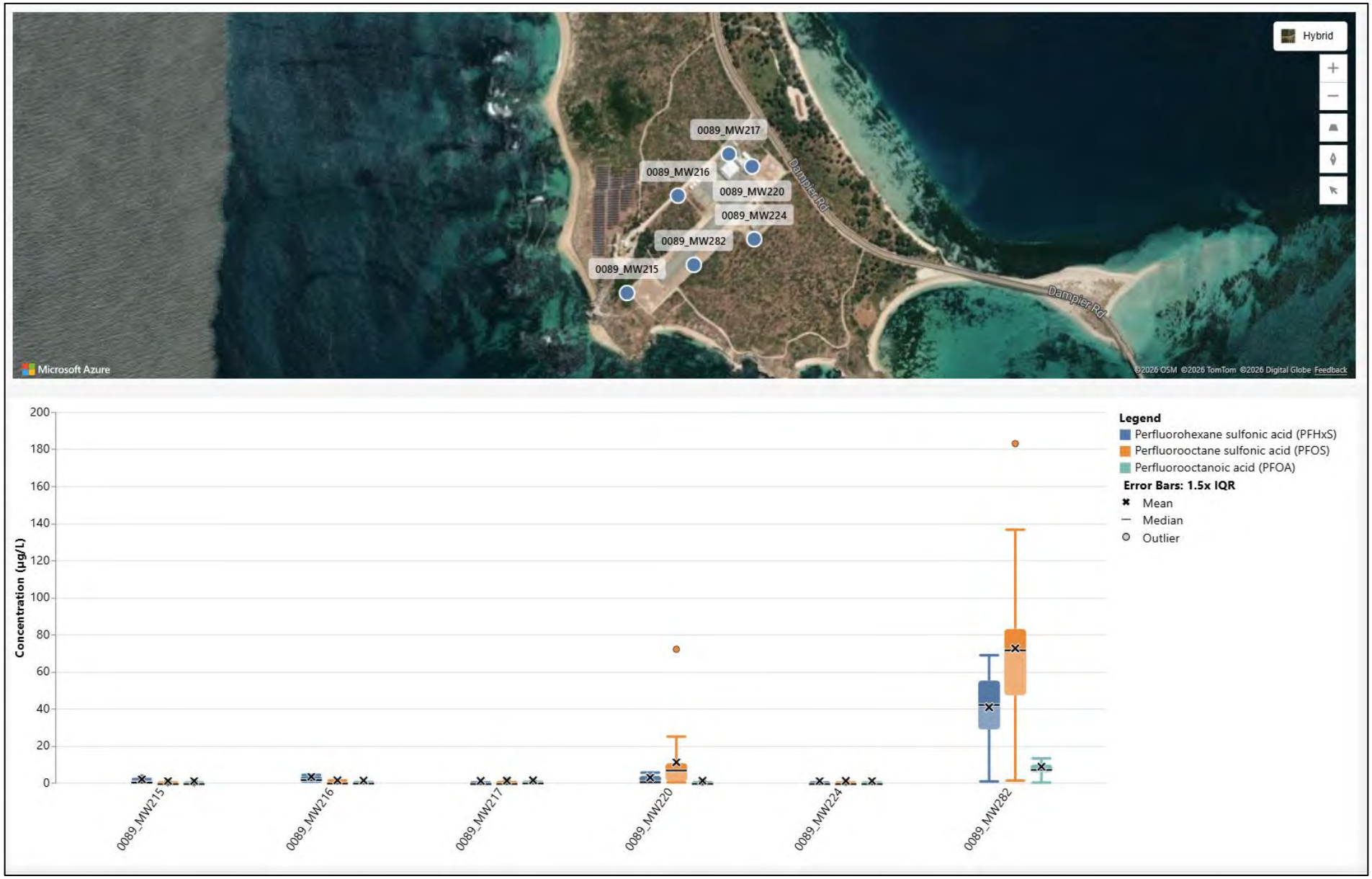

Figure F.12 Helicopter Support Facility (Source) – PFHxS, PFOS and PFOA

\

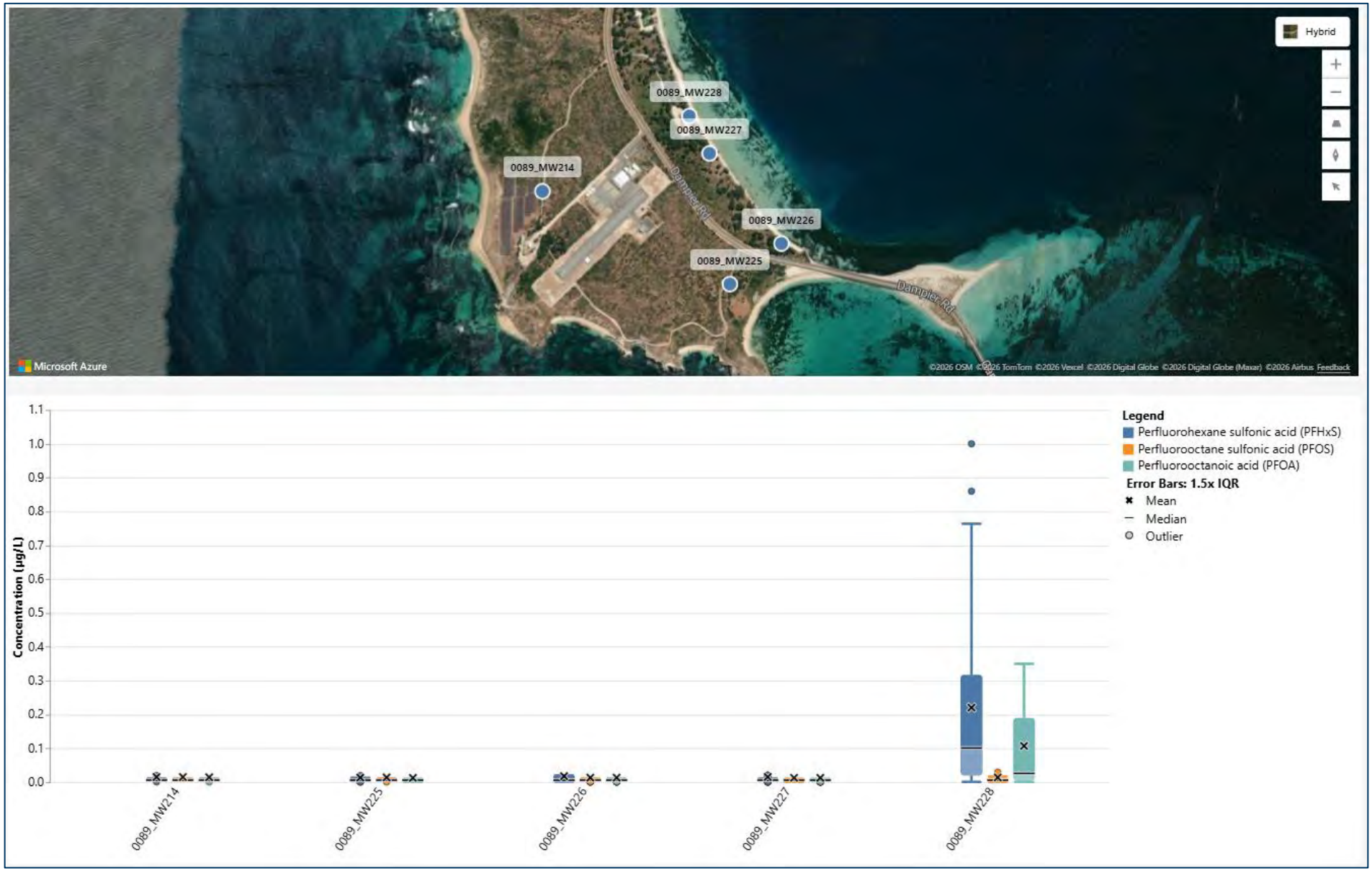

Figure F.13 Helicopter Support Facility (Pathway) – PFHxS, PFOS and PFOA in groundwater

\

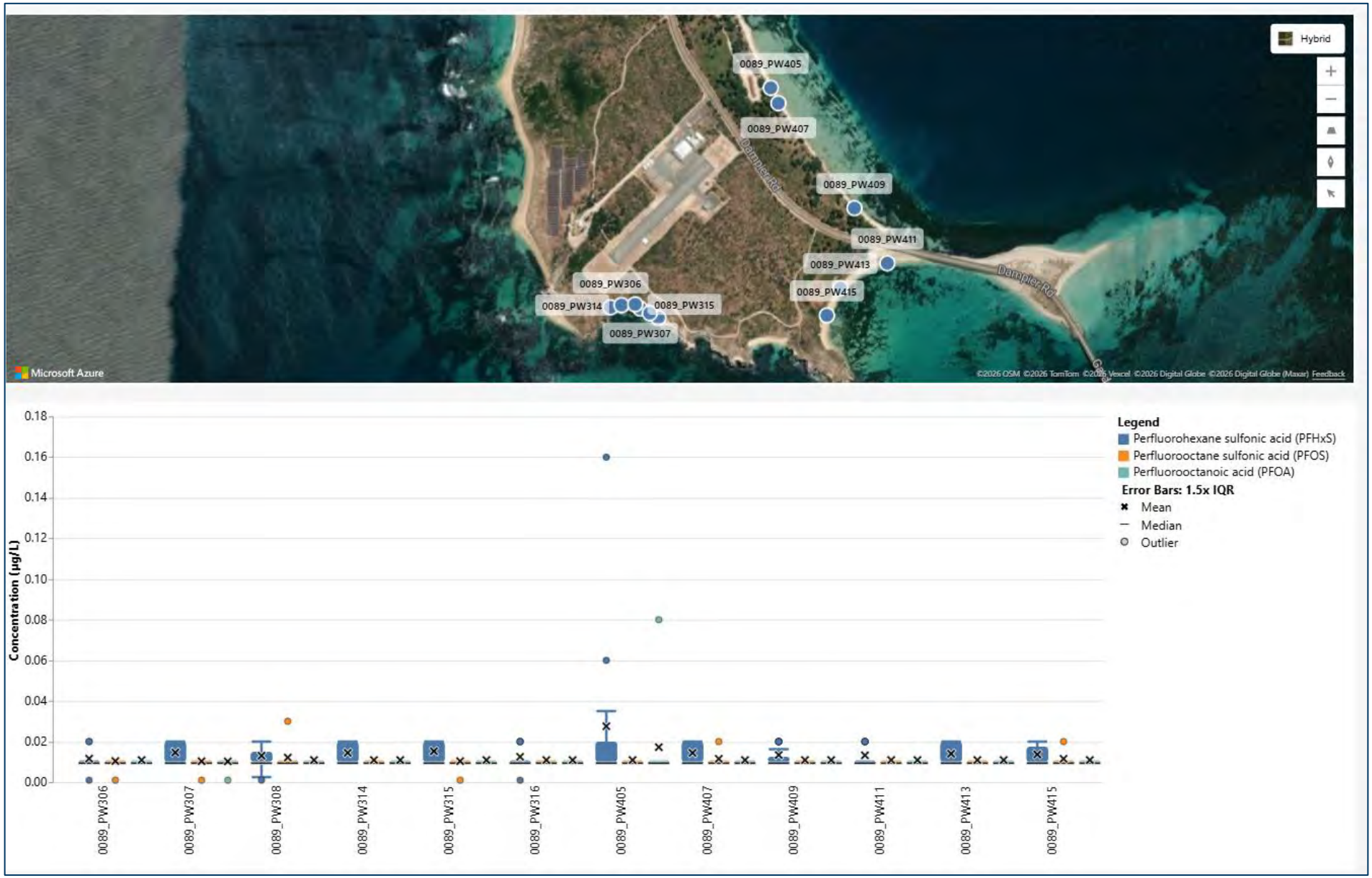

Figure F.14 Helicopter Support Facility (Pathway) – PFHxS, PFOS and PFOA in porewater

\

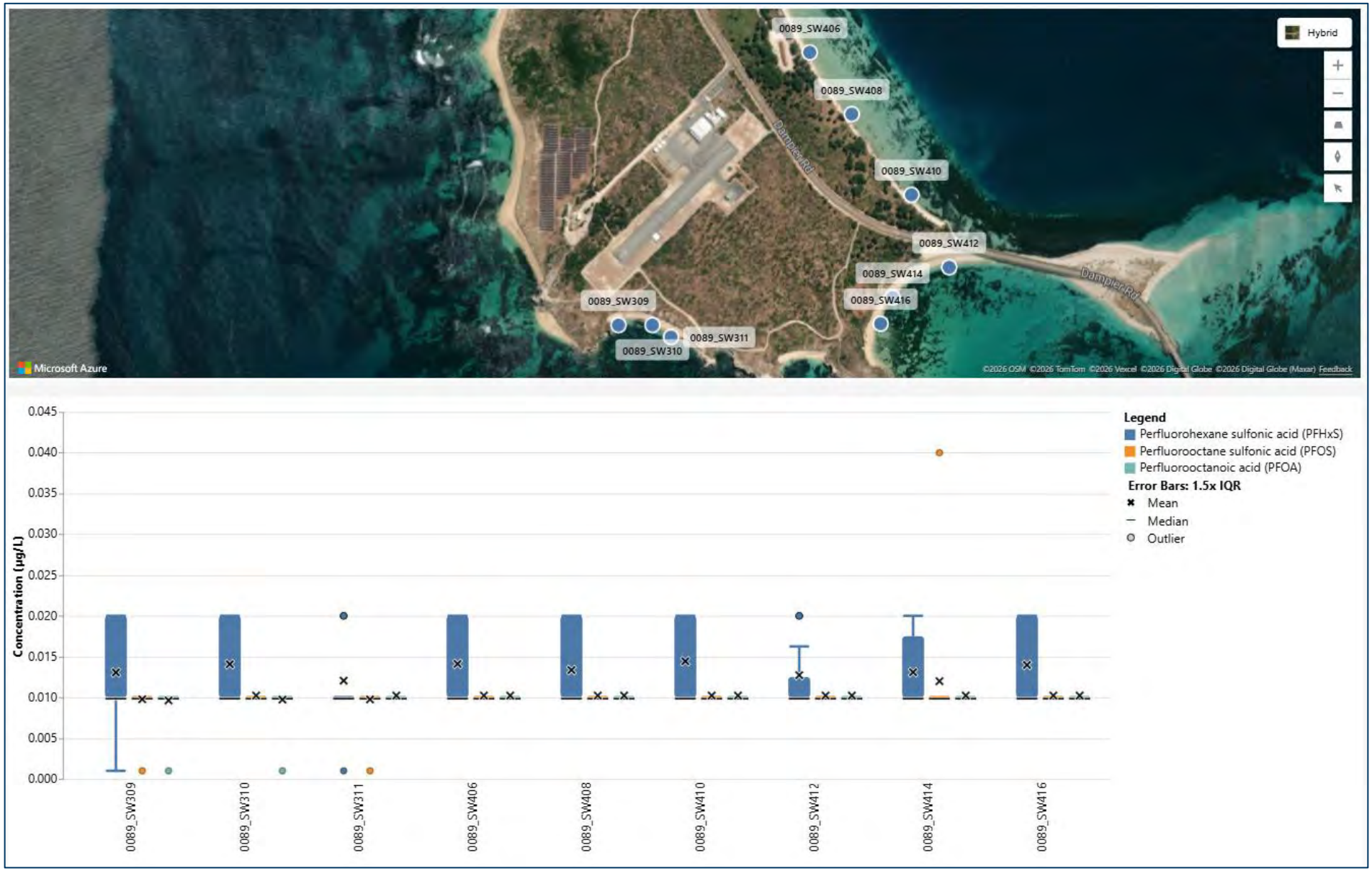

Figure F.15 Helicopter Support Facility (Receptor) – PFHxS, PFOS and PFOA

\

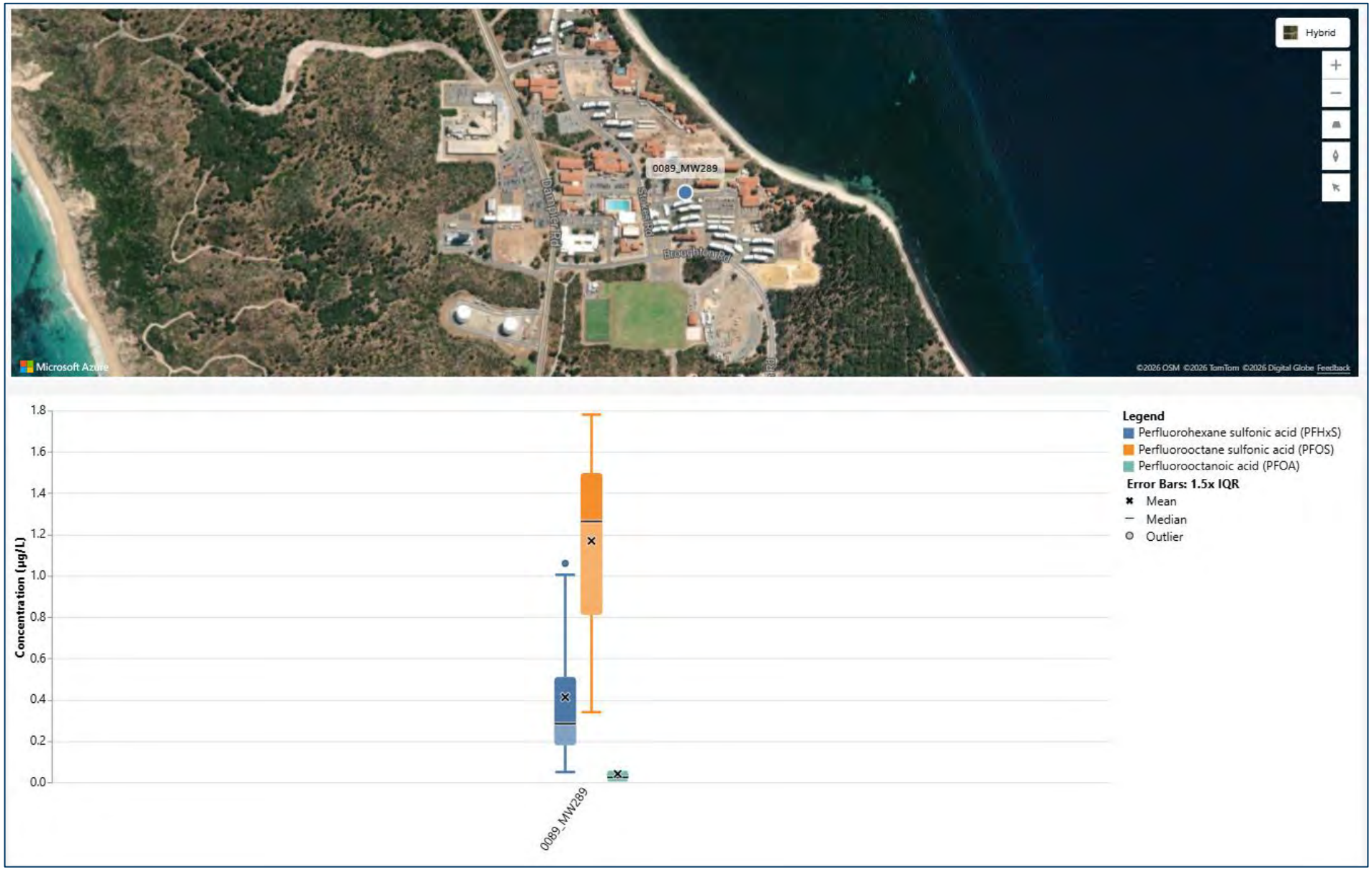

Figure F.16 Accommodation Area (Source) – PFHxS, PFOS and PFOA

\

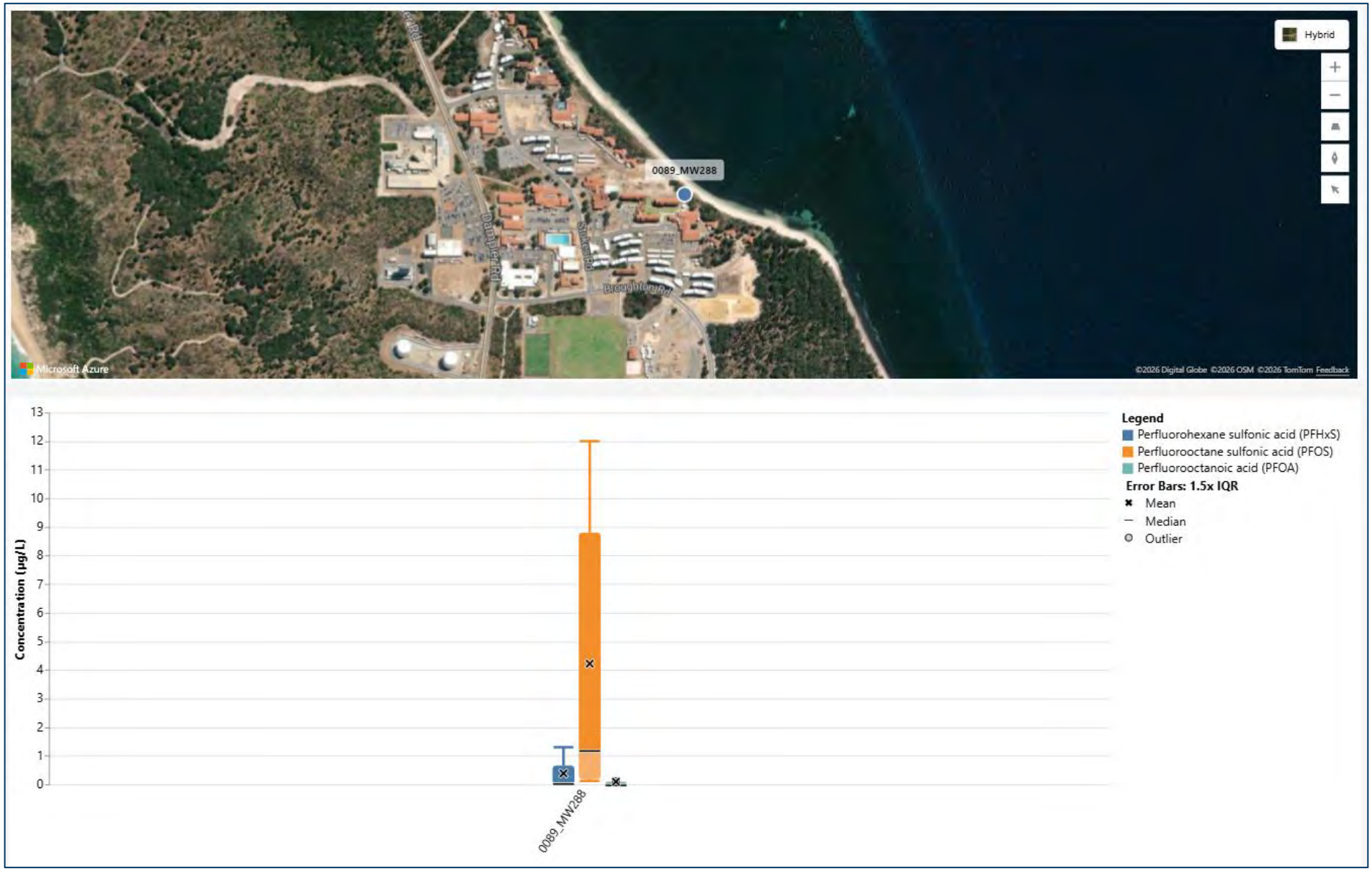

Figure F.17 Accommodation Area (Pathway) – PFHxS, PFOS and PFOA

\

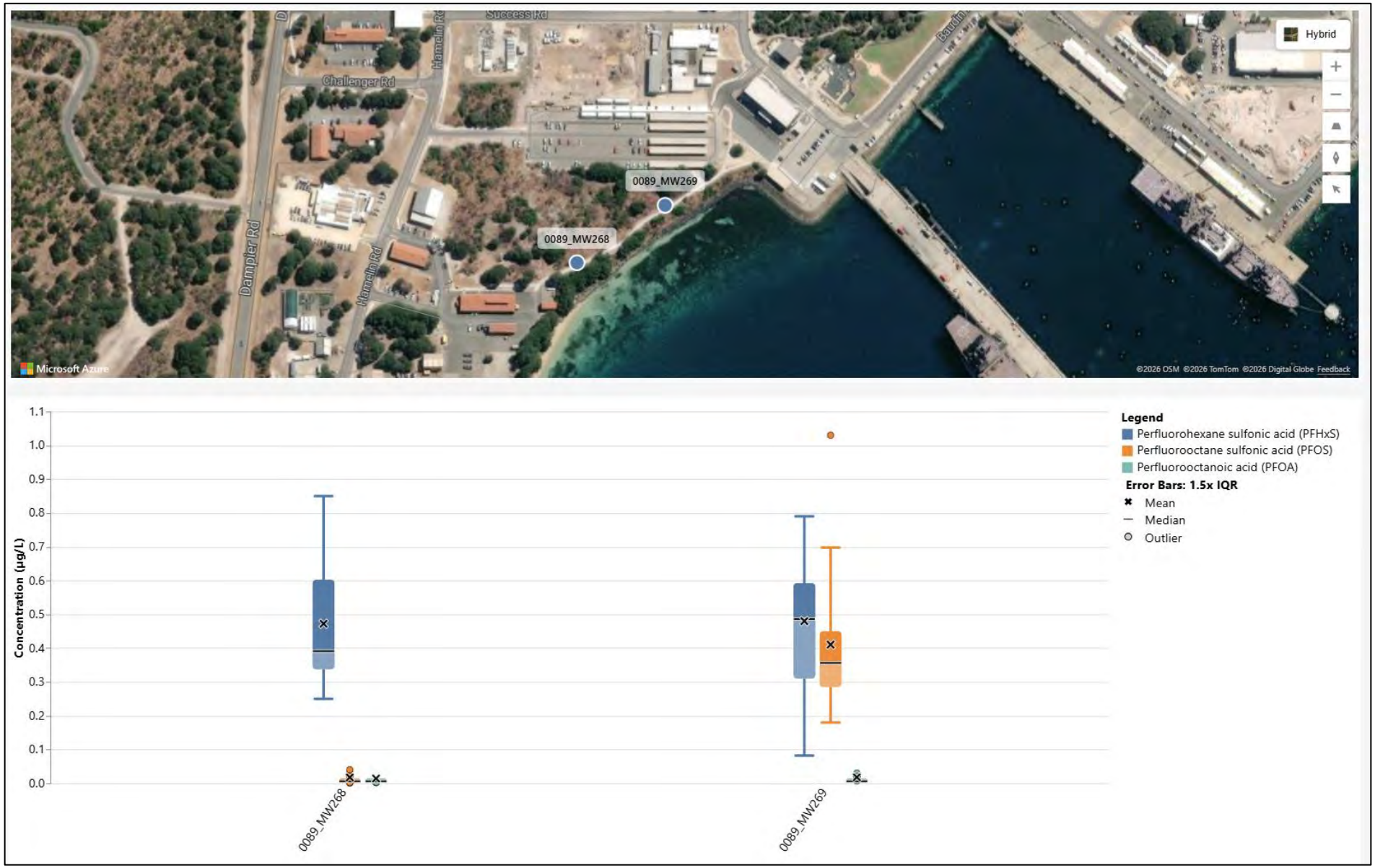

Figure F.18 Dredged Sediments (Source) – PFHxS, PFOS and PFOA

\

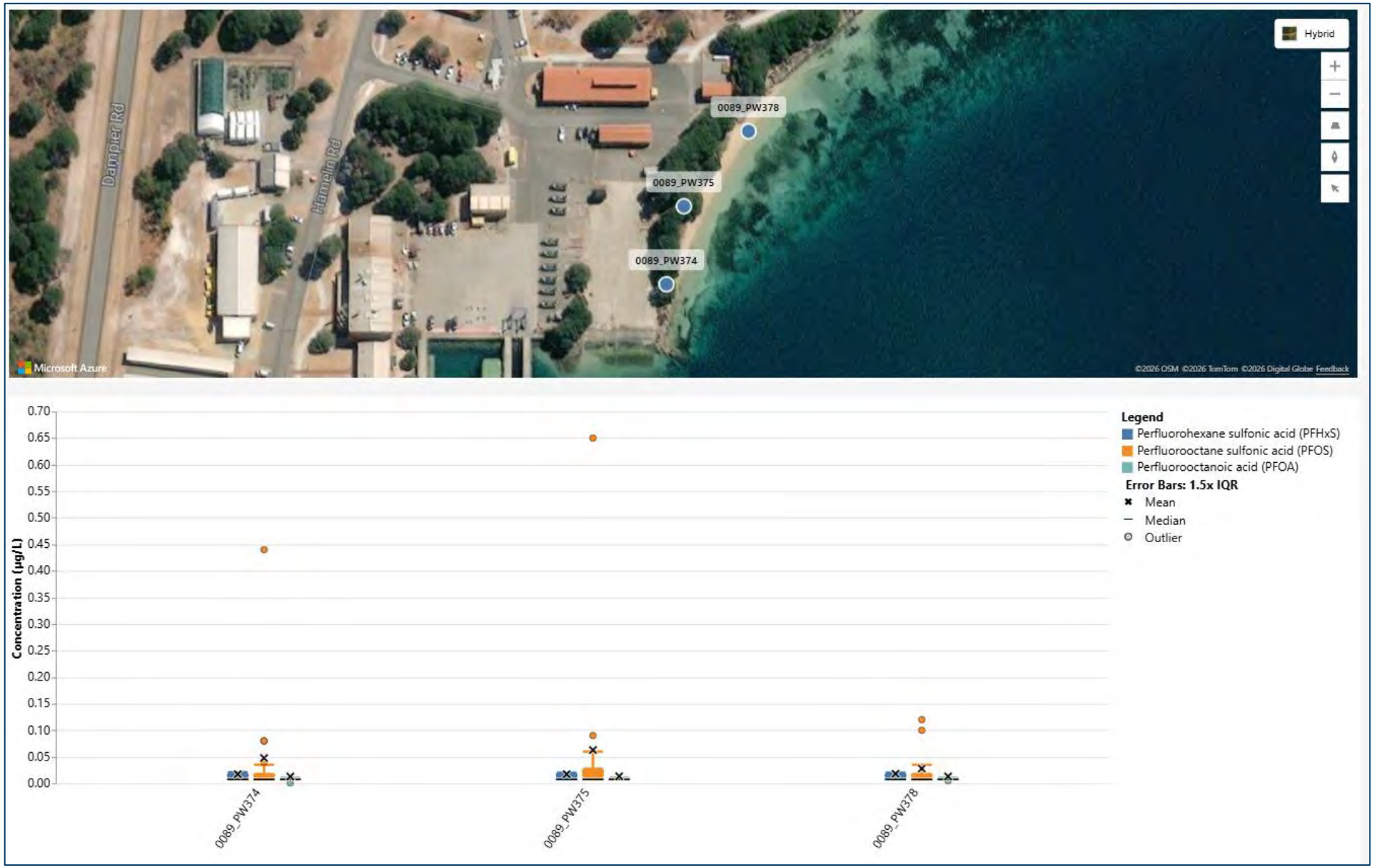

Figure F.19 Dredged Sediments (Pathway) – PFHxS, PFOS and PFOA

\

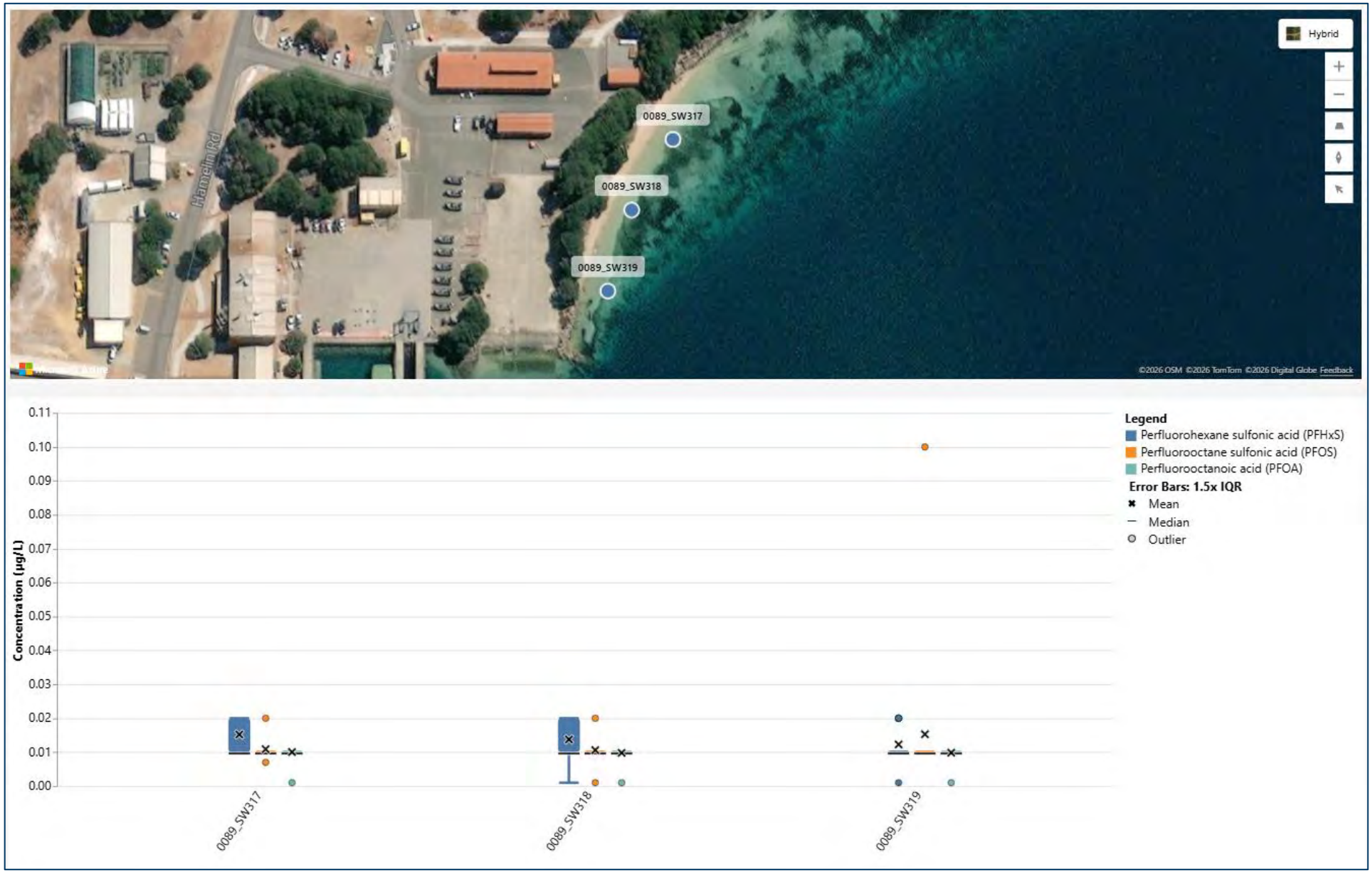

Figure F.20 Dredged Sediments (Receptor) – PFHxS, PFOS and PFOA

\

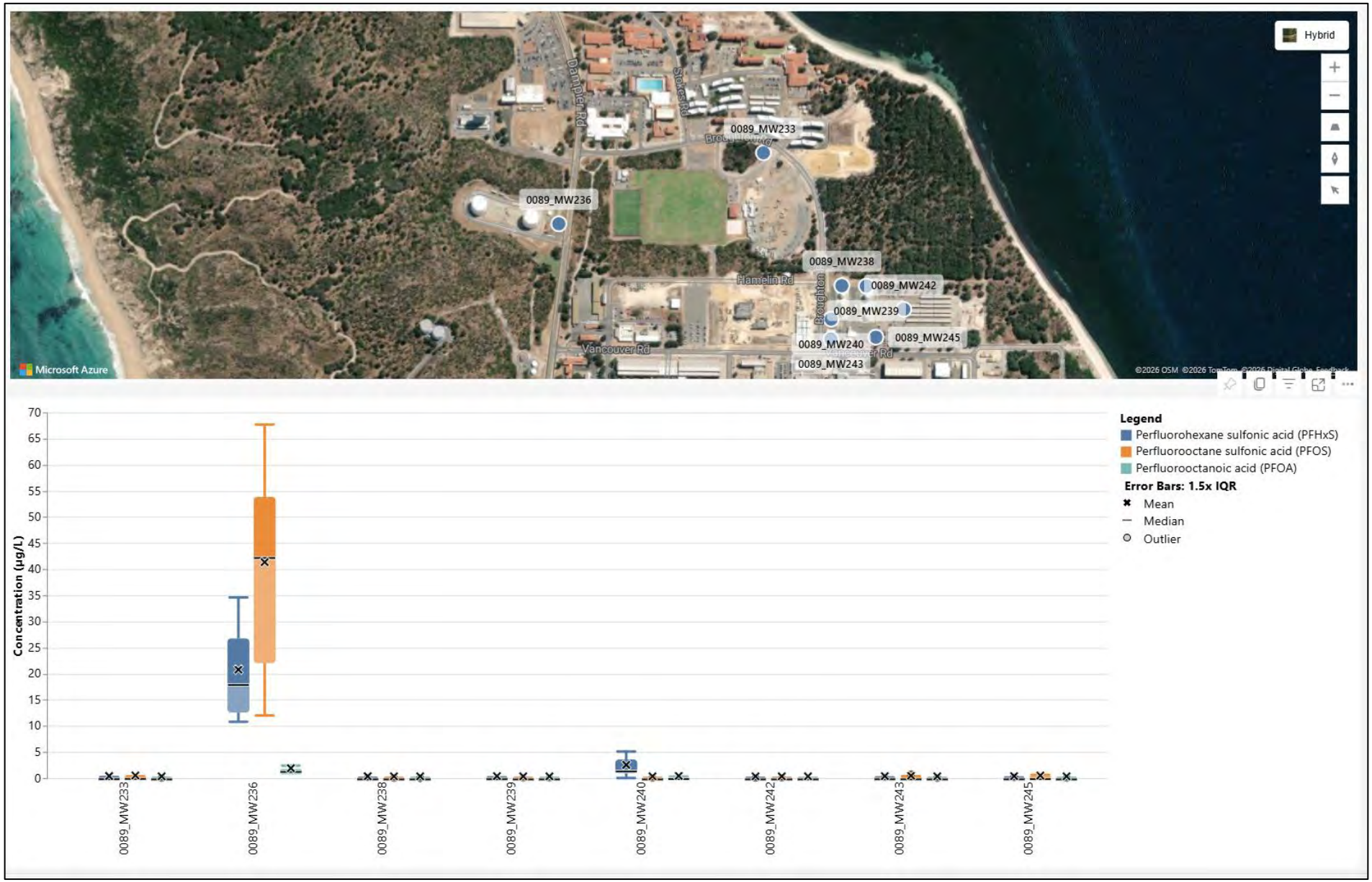

Figure F.21 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Source) – PFHxS, PFOS and PFOA

\

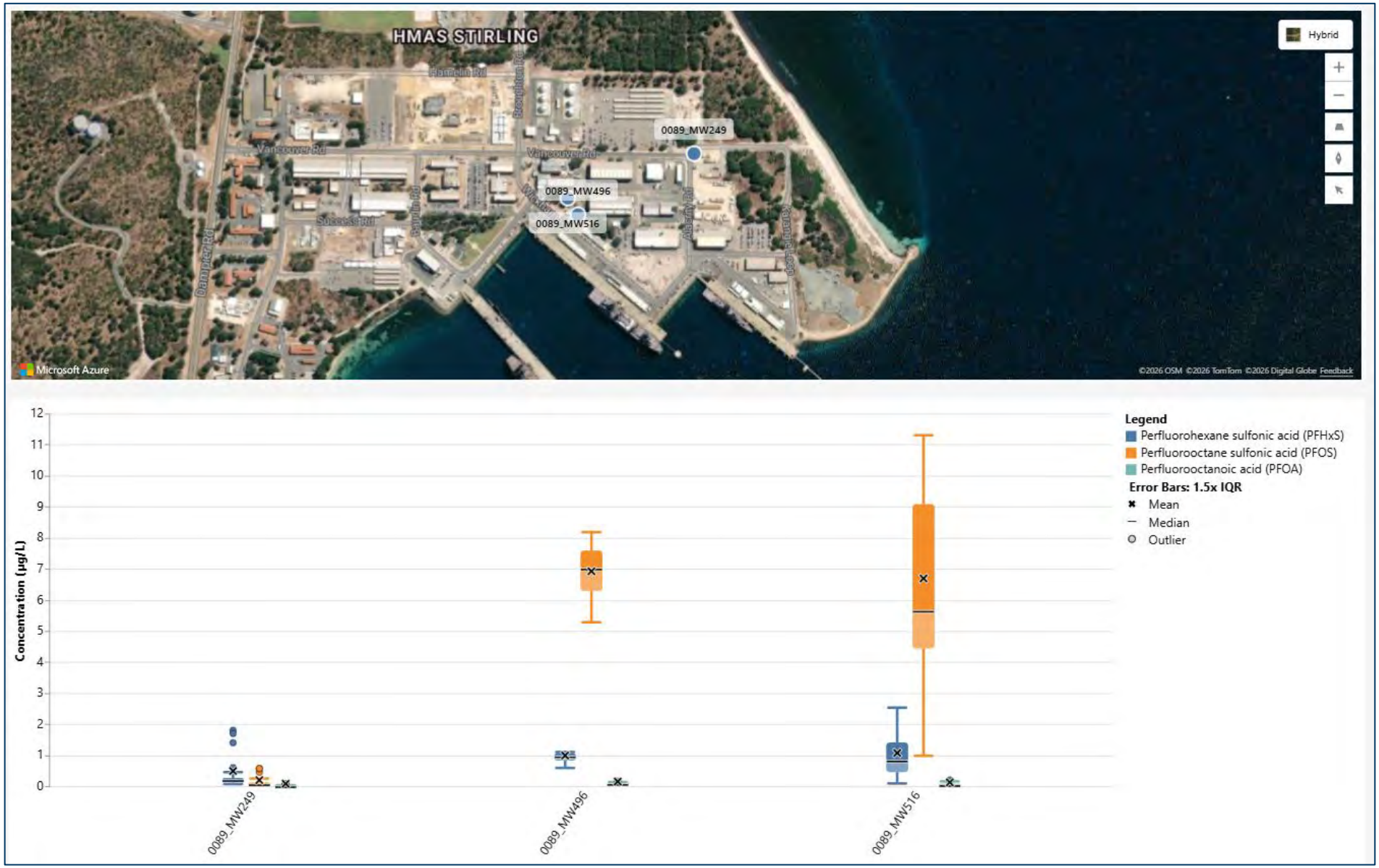

Figure F.22 Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Pathway) – PFHxS, PFOS and PFOA

\

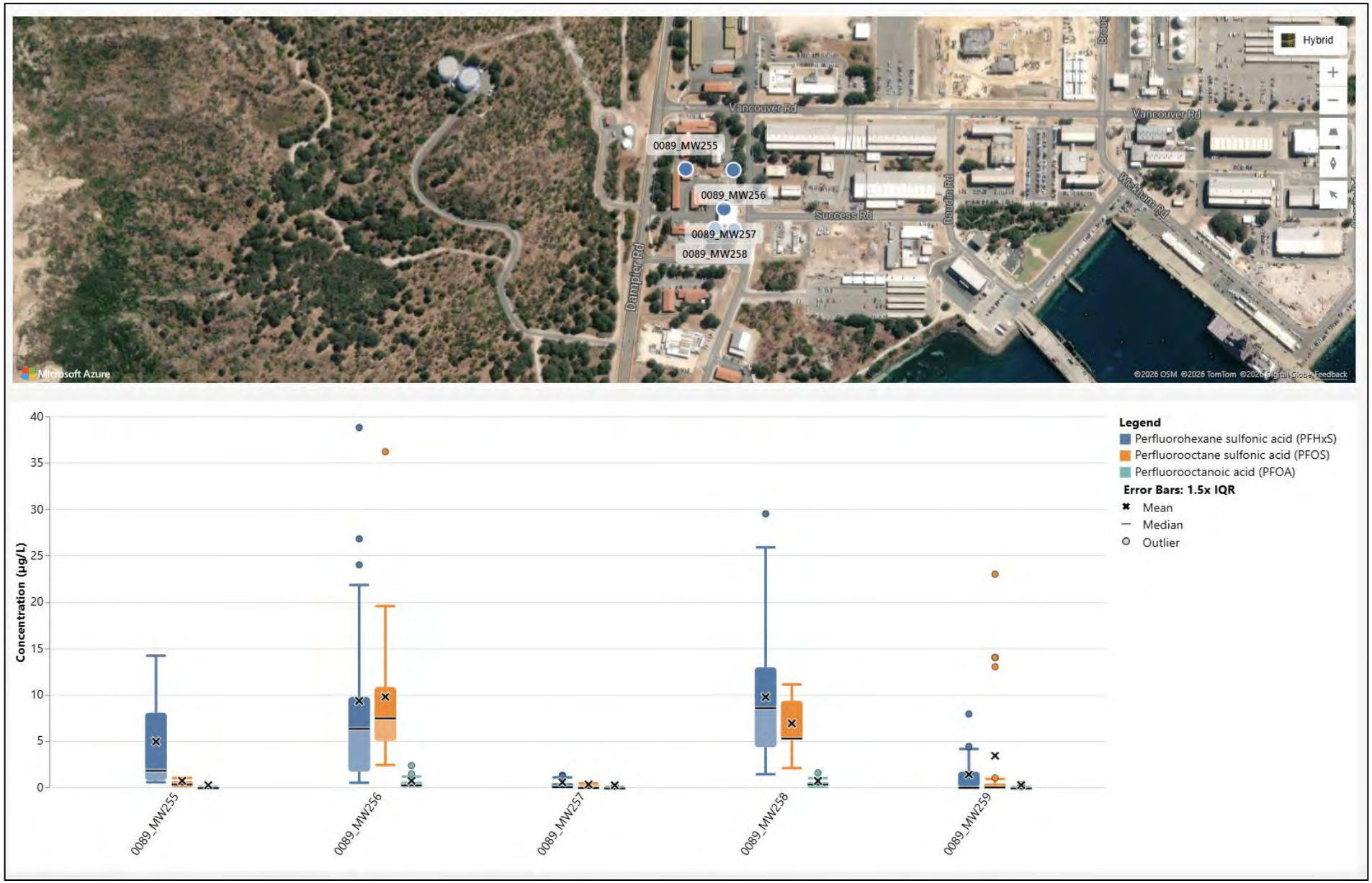

Figure F.23 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Source) – PFHxS, PFOS and PFOA

\

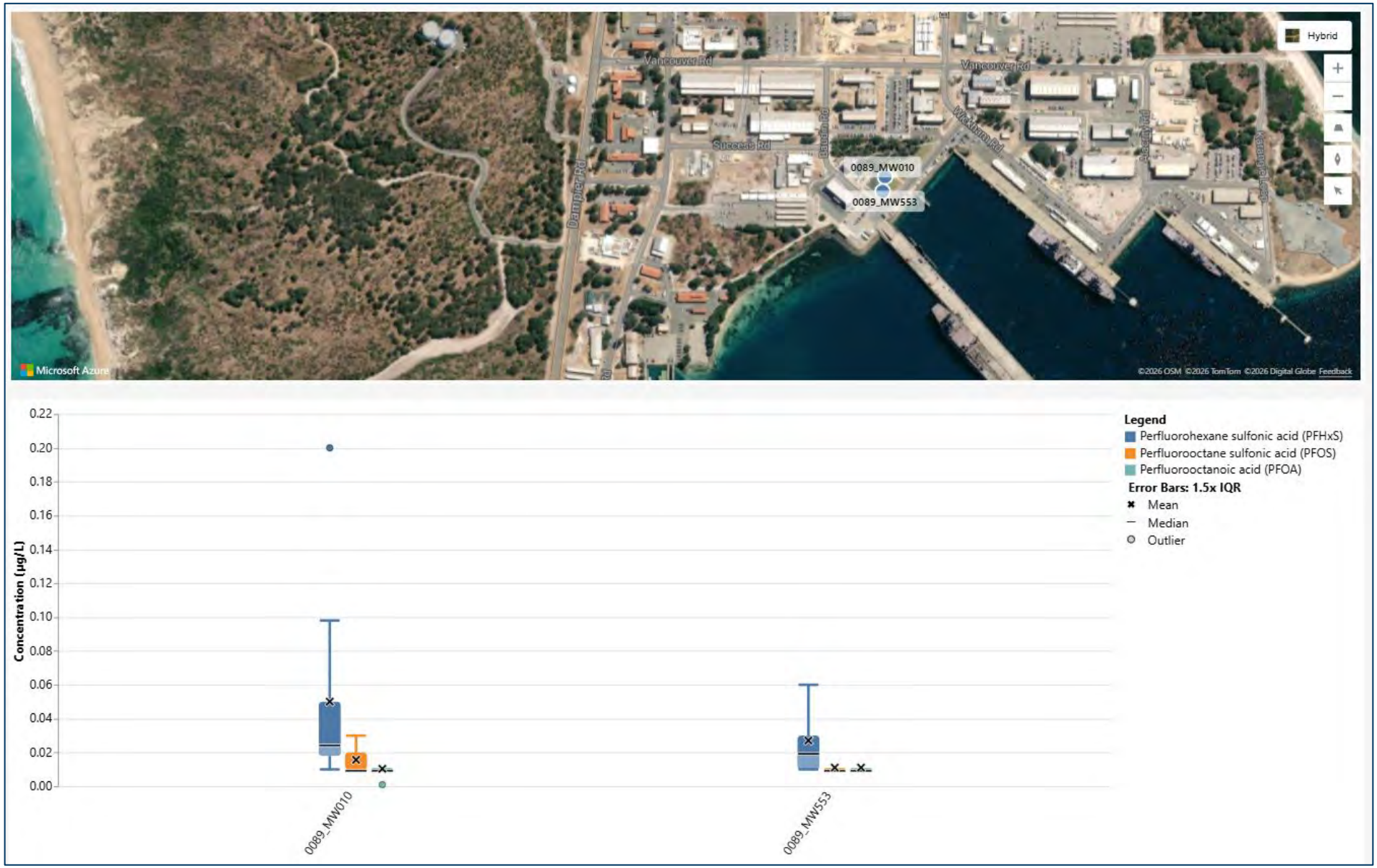

Figure F.24 Fire Station, Flammable/Hazardous Goods and Waste Storage, Ship Sullage (Pathway) – PFHxS, PFOS and PFOA

\


Hybrid
0089_MW289
Dampier Rd
Stokes Rd
Broughton Rd
Microsoft Azure
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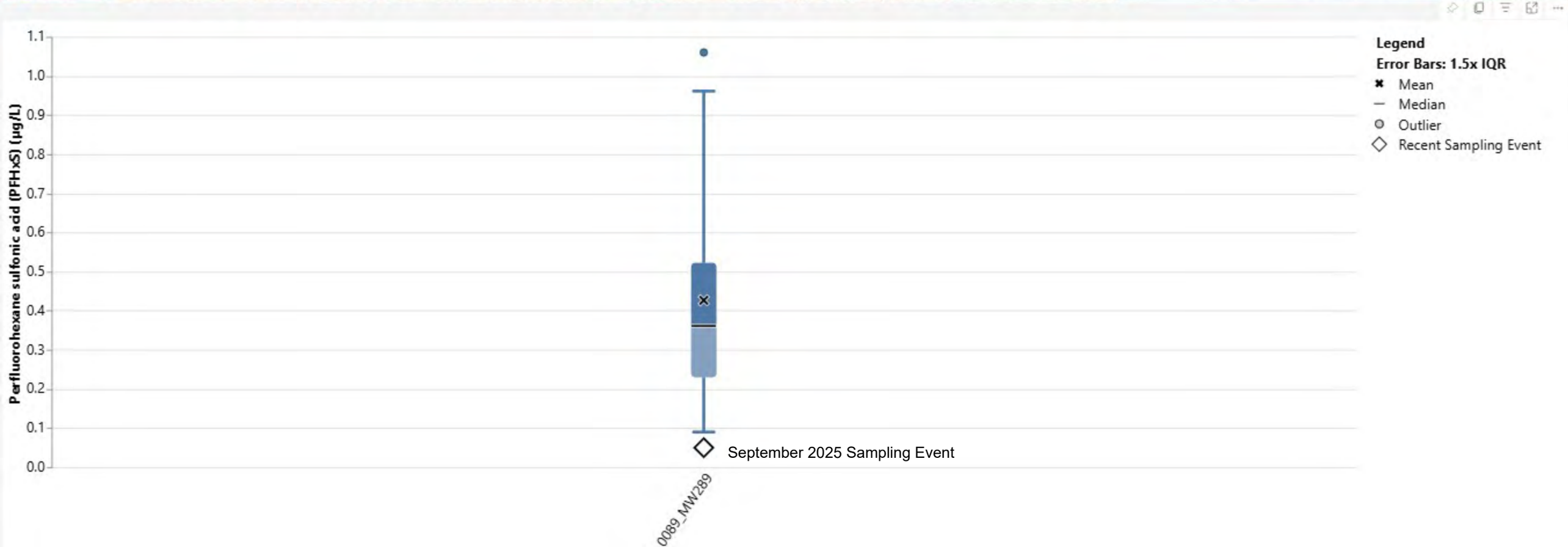
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event
September 2025 Sampling Event
0089_MW289


Hybrid
0089_MW236
Damper Rd
Stokes Rd
Broughton Rd
Hamelin Rd
Broughton Rd
Vancouver Rd
Vancouver Rd
Success Rd
Wrexham Rd
Microsoft Azure
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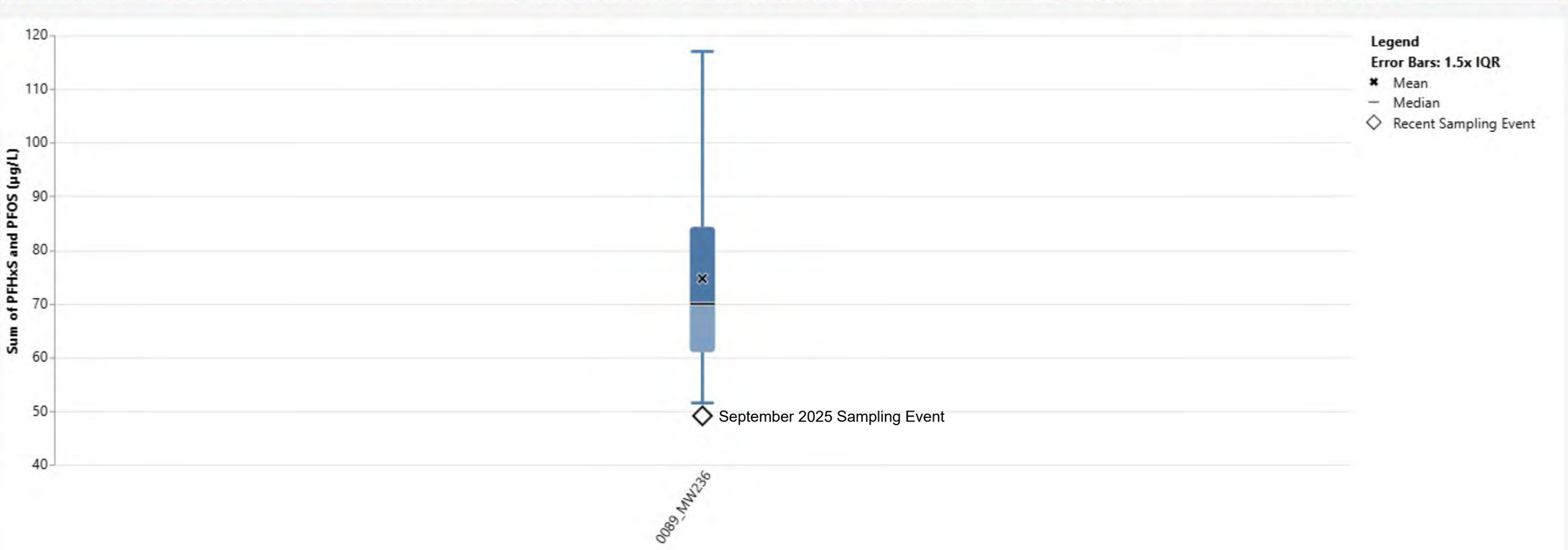
Sum of PFHxS and PFOS (µg/L)
120
110
100
90
80
70
60
50
40
0089_MW236
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event


Hybrid
0089_MW258
Hamplin Rd
Vancouver Rd
Success Rd
Dampier Rd
Broughton Rd
William Rd
Alderly Rd
Kanimbla Rd
Microsoft Azure
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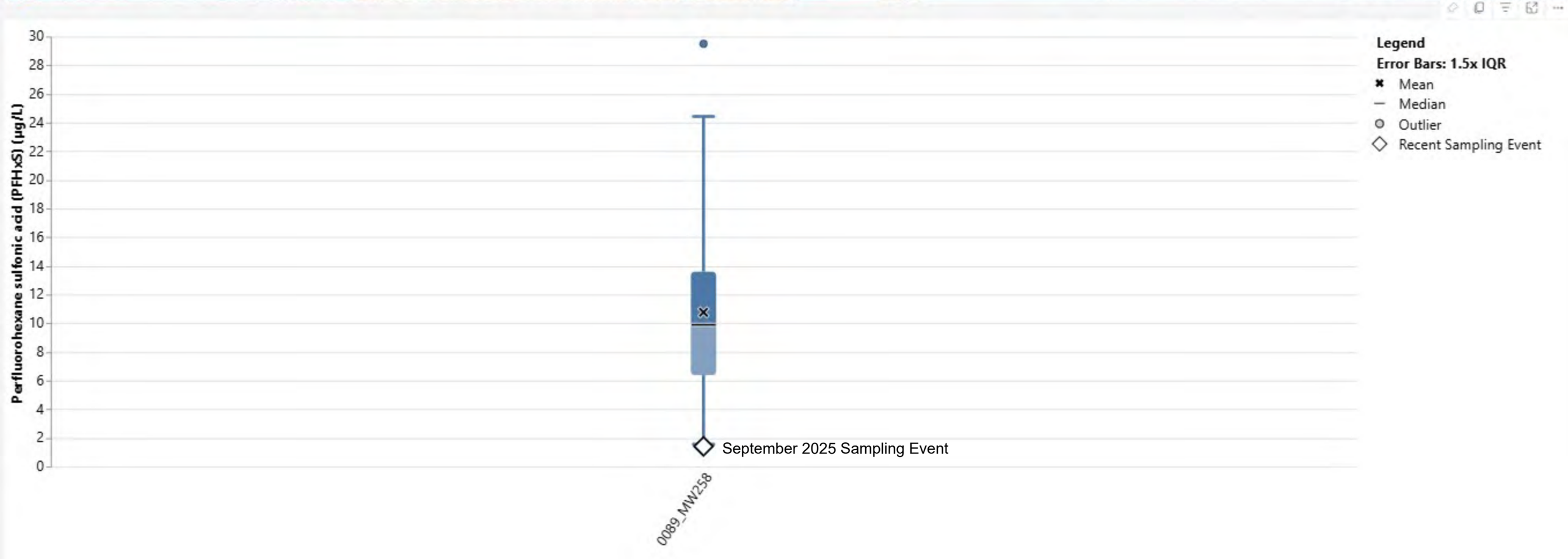
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event
September 2025 Sampling Event
0089_MW258


Hybrid
0089_MW258
Hampton Rd
Brougham Rd
Vancouver Rd
Vancouver Rd
Dampier Rd
Success Rd
Wickham Rd
Alderley Rd
Kerandale Loop
Microsoft Azure
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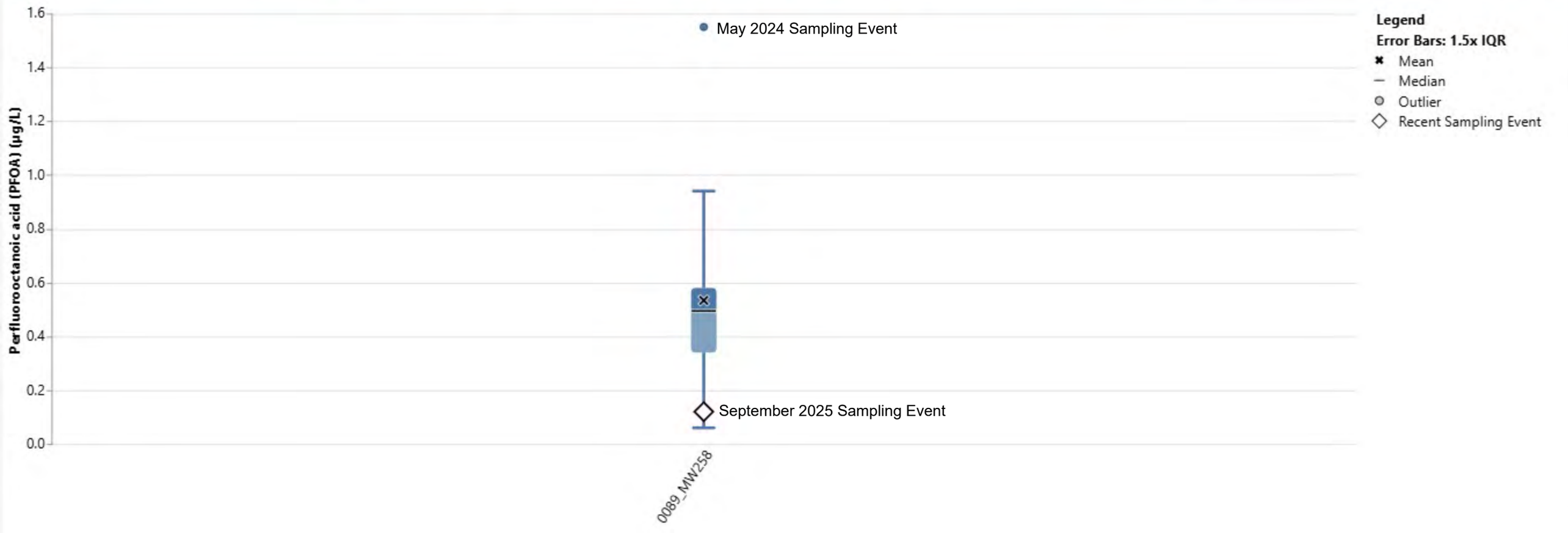
Perfluorooctanoic acid (PFOA) (µg/L)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
May 2024 Sampling Event
September 2025 Sampling Event
0089_MW258
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
0089_MW259
Dampier Rd
Success Rd
Vancouver Rd
Hamilton Rd
Broughton Rd
Wrexham Rd
Alanthy Rd
Microsoft Azure
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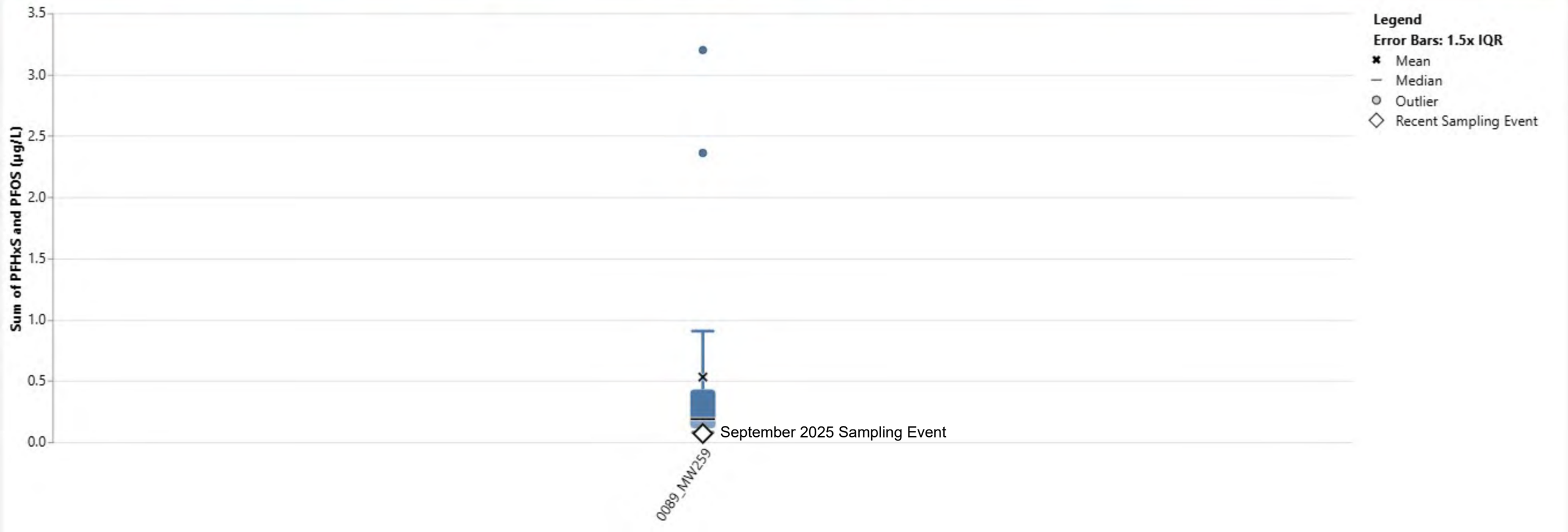
Sum of PFHxS and PFOS (µg/L)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event
September 2025 Sampling Event
0089_MW259


Hybrid
Namelin Rd
Broughton Rd
Vancouver Rd
Vancouver Rd
0089_MW259
Success Rd
Bourdon St
Wickham Rd
Alacrity Rd
Kenmore Ave
Dampier Rd
Microsoft Azure
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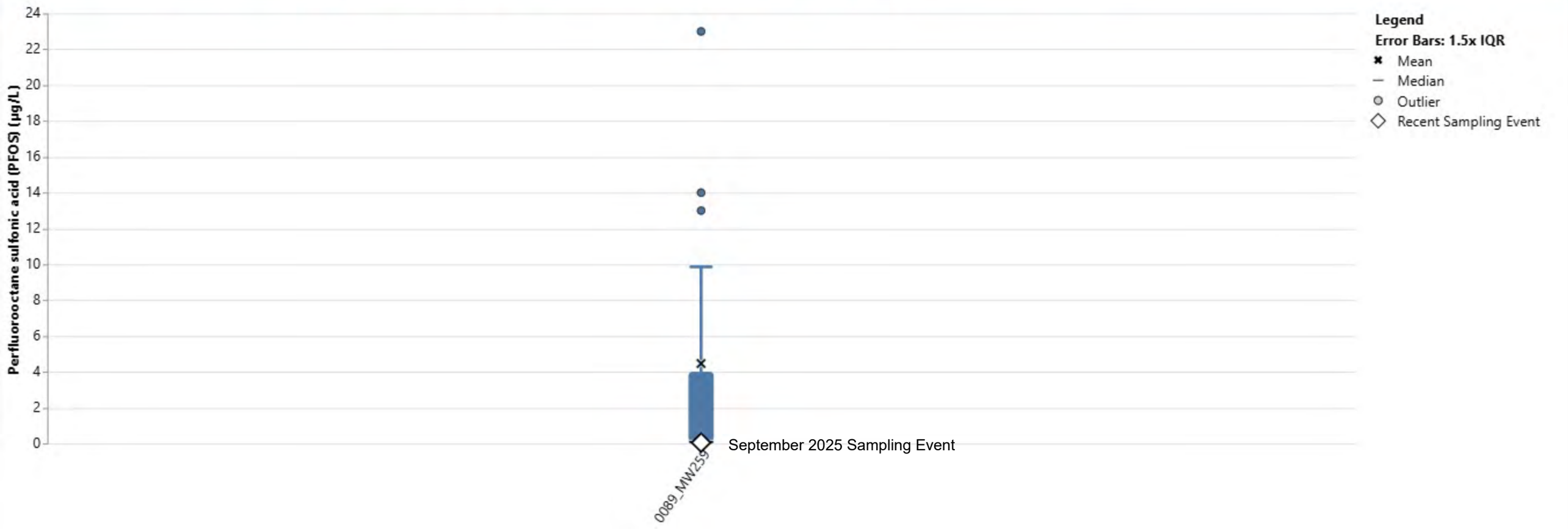
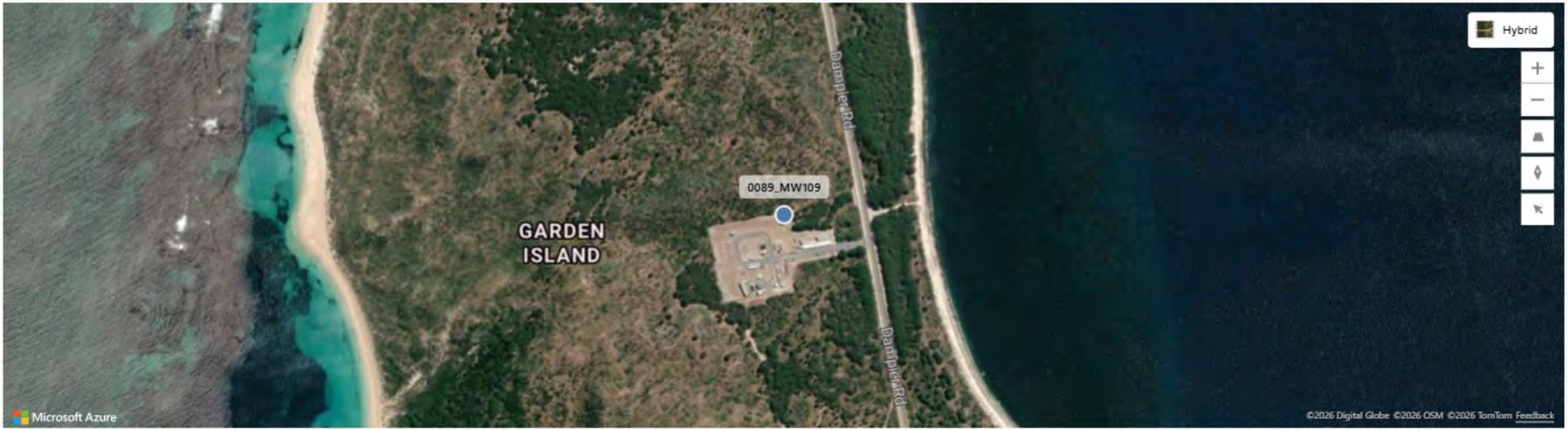

Perfluorooctane sulfonic acid (PFOS) (µg/L)
24
22
20
18
16
14
12
10
8
6
4
2
0
0089_MW259
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
0089_MW109
GARDEN
ISLAND
Dampier Rd
Dampier Rd
Microsoft Azure
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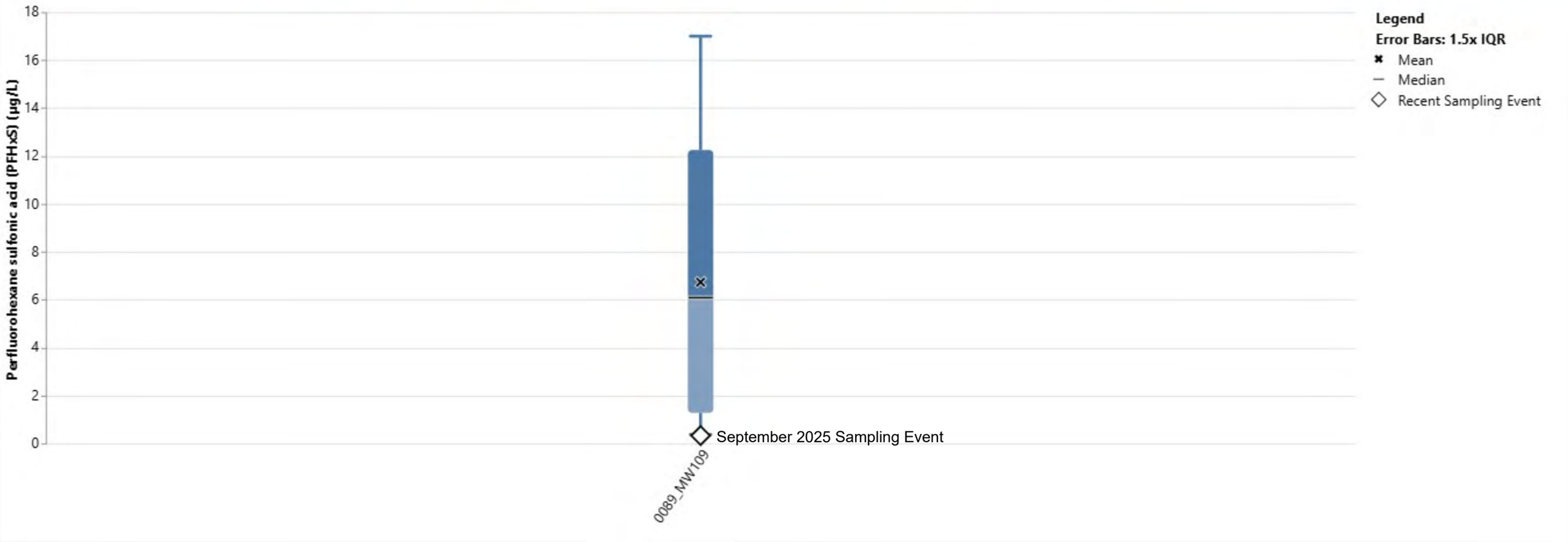
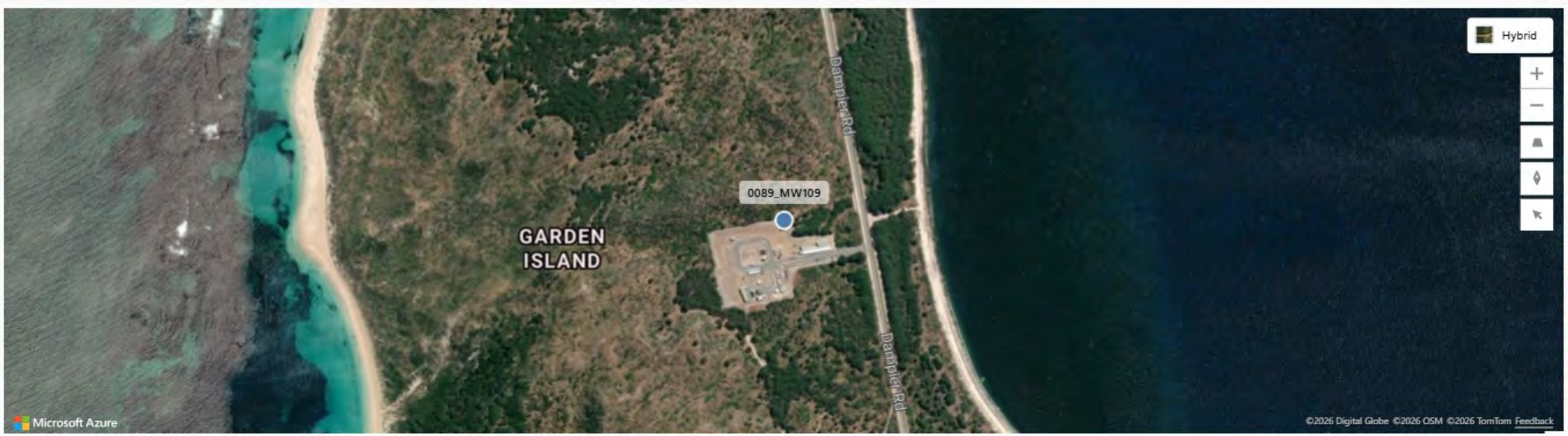

Perfluorohexane sulfonic acid (PFHxS) (µg/L)
18
16
14
12
10
8
6
4
2
0
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event
September 2025 Sampling Event
0089_MW109


Hybrid
0089_MW109
GARDEN
ISLAND
Dampier Rd
Dampier Rd
Microsoft Azure
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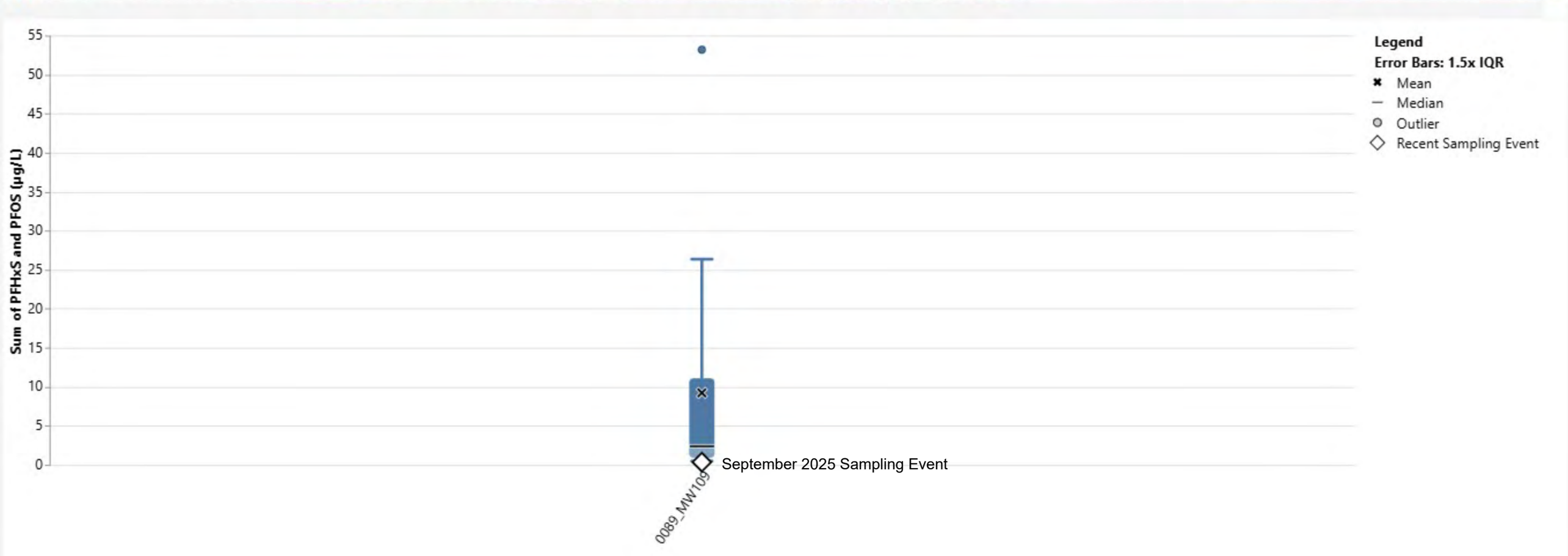
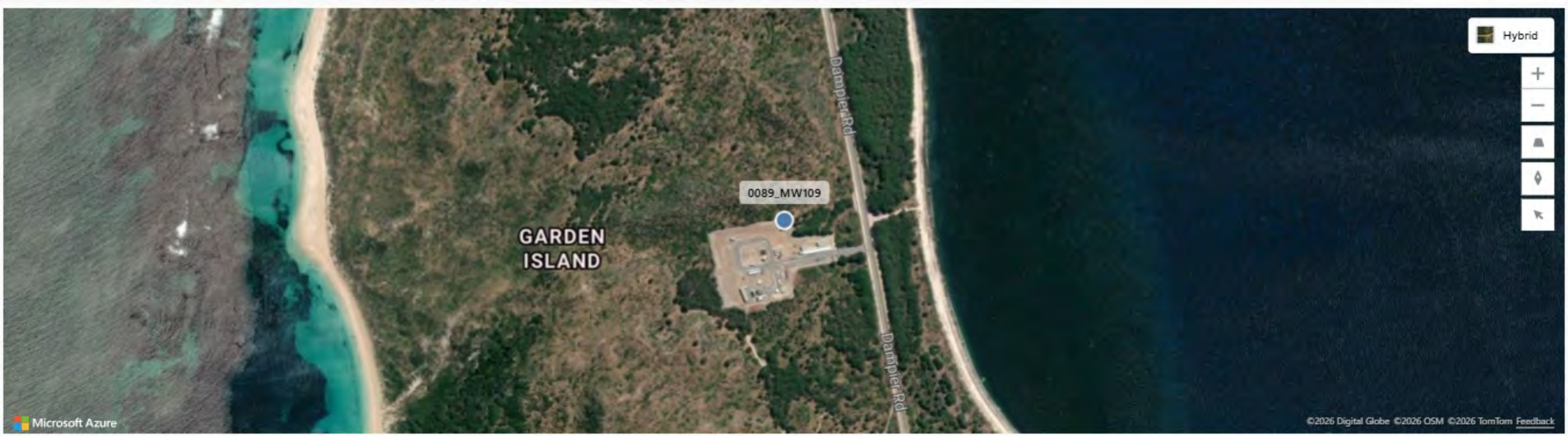

Sum of PFHxS and PFOS (µg/L)
55
50
45
40
35
30
25
20
15
10
5
0
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event
September 2025 Sampling Event
0089_MW109


Hybrid
0089_MW109
GARDEN
ISLAND
Dampier Rd
Dampier Rd
Microsoft Azure
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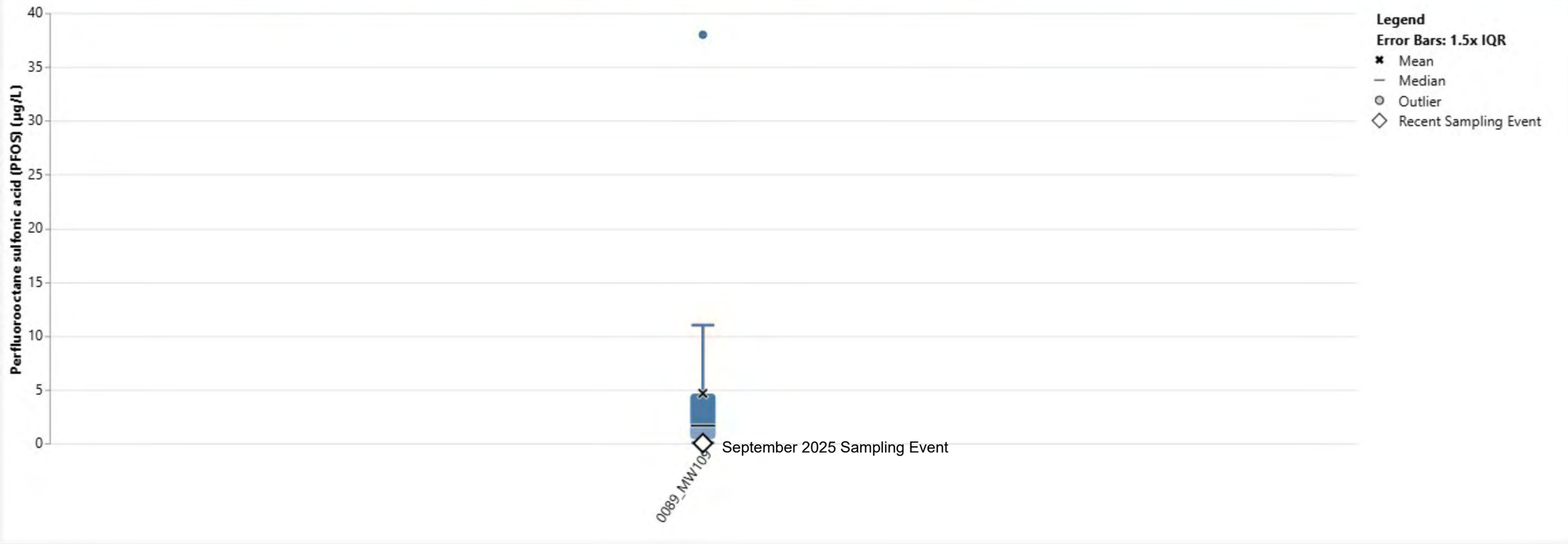
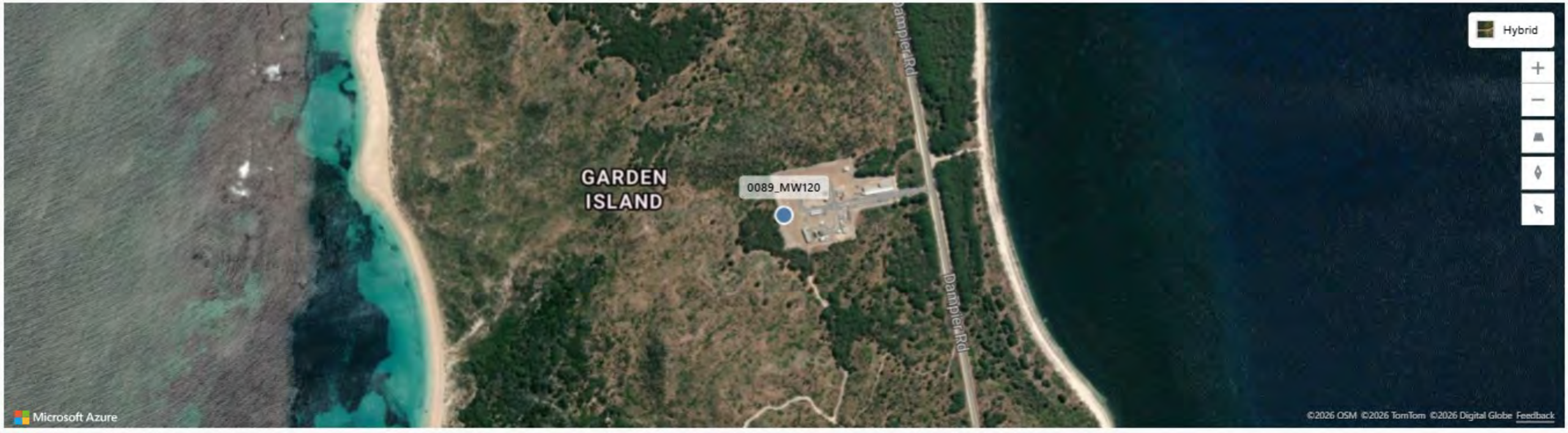

Perfluorooctane sulfonic acid (PFOS) (µg/L)
40
35
30
25
20
15
10
5
0
0089_MW109
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
GARDEN
ISLAND
0089_MW120
Dampier Rd
Dampier Rd
Microsoft Azure
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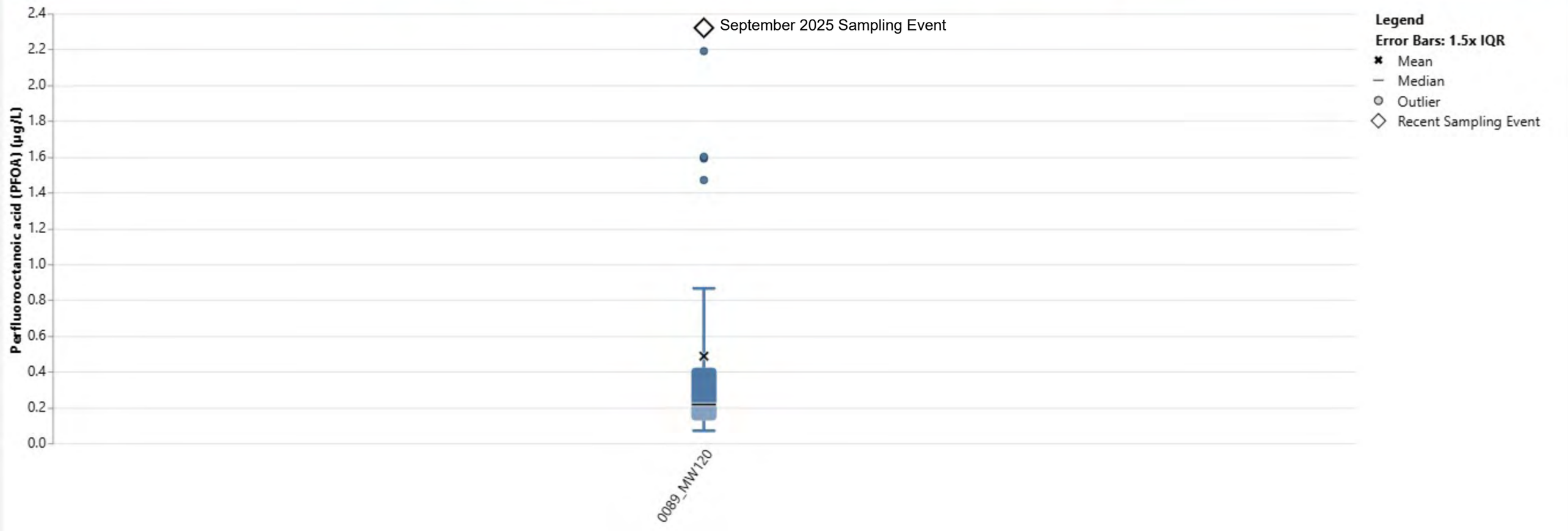
Perfluorooctanoic acid (PFOA) (µg/L)
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
September 2025 Sampling Event
0089_MW120
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
GARDEN
ISLAND
0089_MW121
Dampier Rd
Dampier Rd
Microsoft Azure
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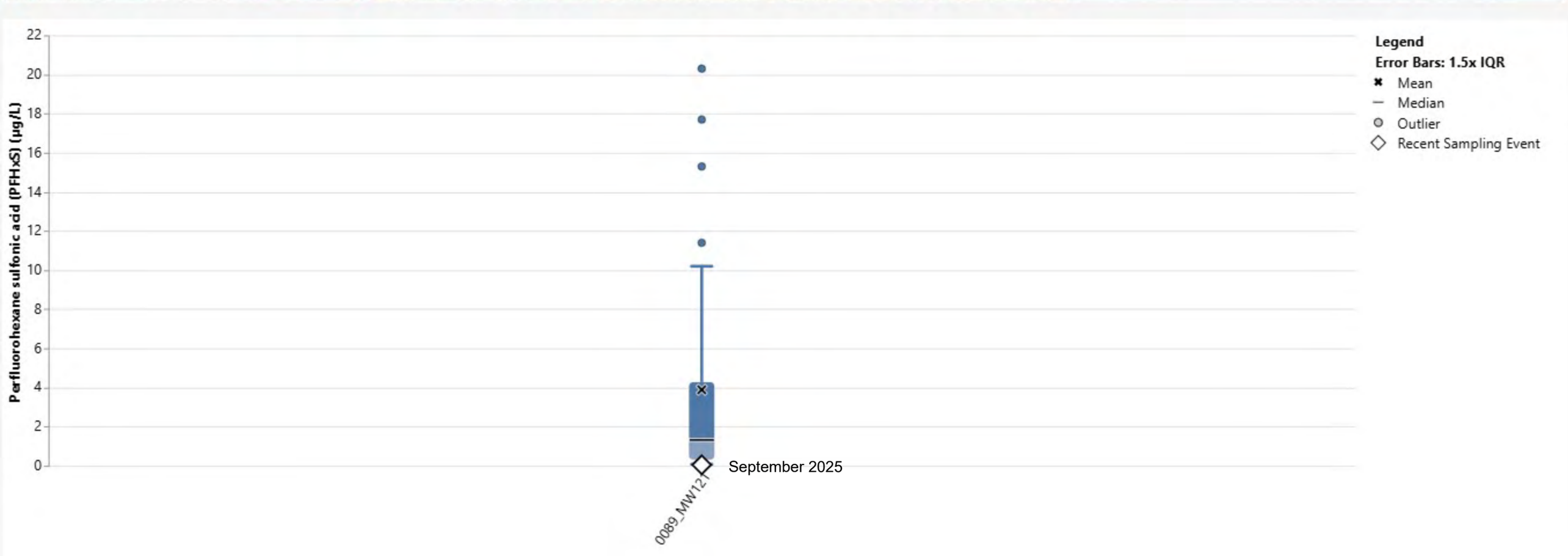
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
22
20
18
16
14
12
10
8
6
4
2
0
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event
September 2025
0089_MW121


GARDEN
ISLAND
0089_MW123
Dampier Rd
Hybrid
Microsoft Azure
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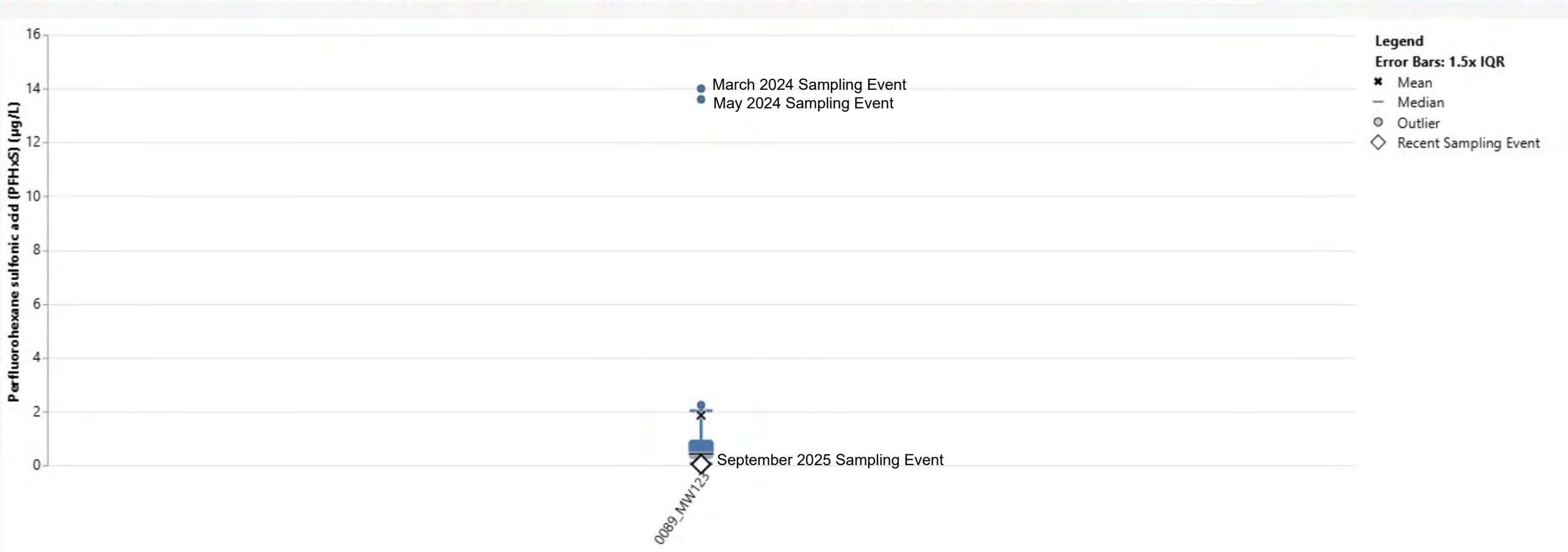
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
16
14
12
10
8
6
4
2
0
March 2024 Sampling Event
May 2024 Sampling Event
September 2025 Sampling Event
0089_MW123
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


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Hybrid
Microsoft Azure
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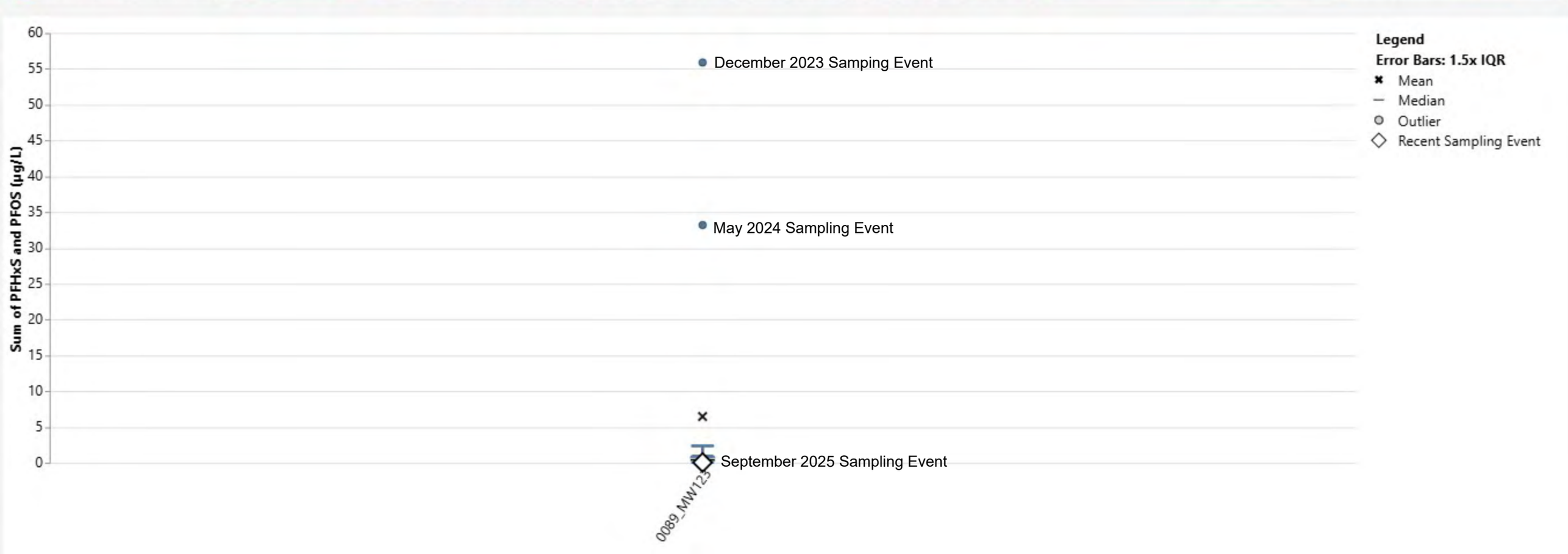
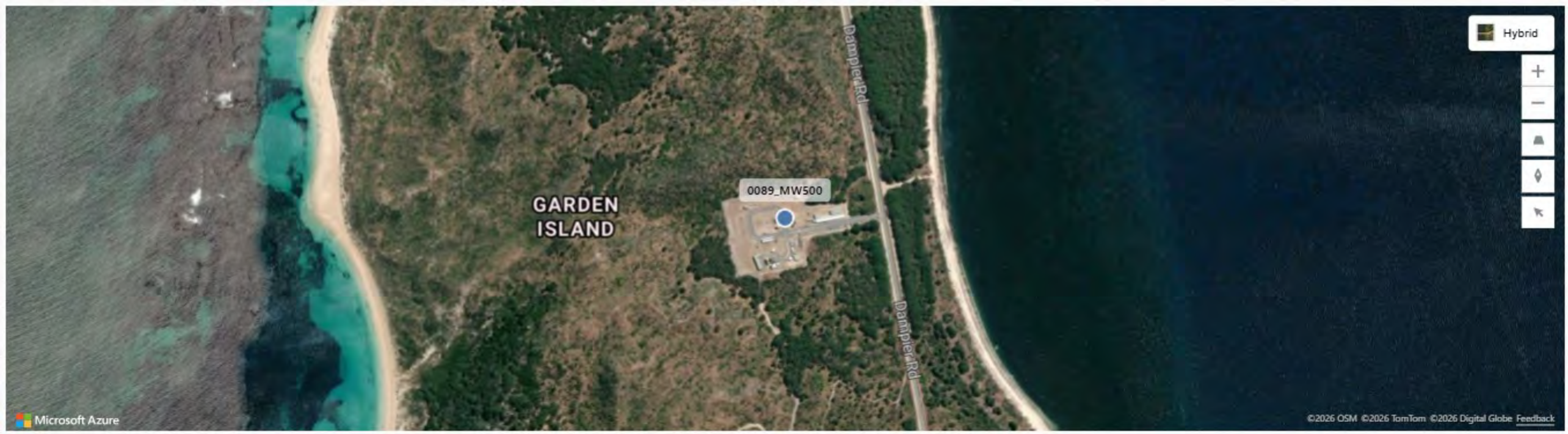

Sum of PFHxS and PFOS (µg/L)
60
55
50
45
40
35
30
25
20
15
10
5
0
December 2023 Samping Event
May 2024 Sampling Event
September 2025 Sampling Event
0089_MW123
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
GARDEN ISLAND
0089_MW500
Dampier Rd
Dampier Rd
Microsoft Azure
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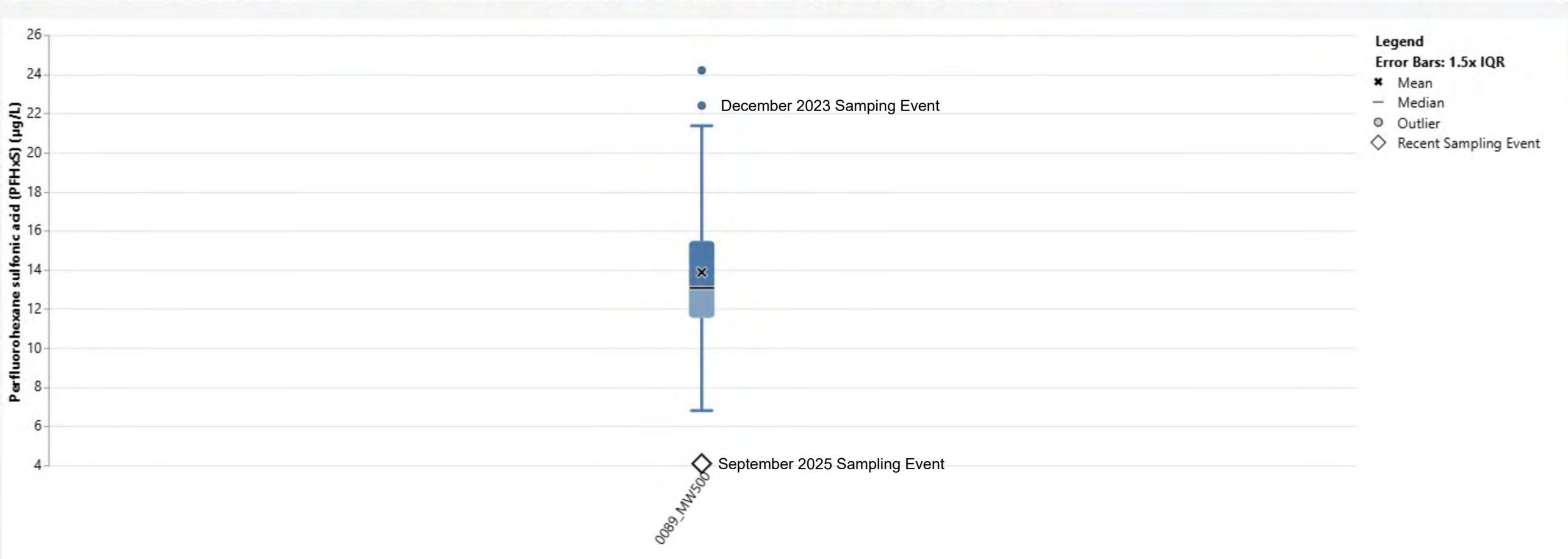
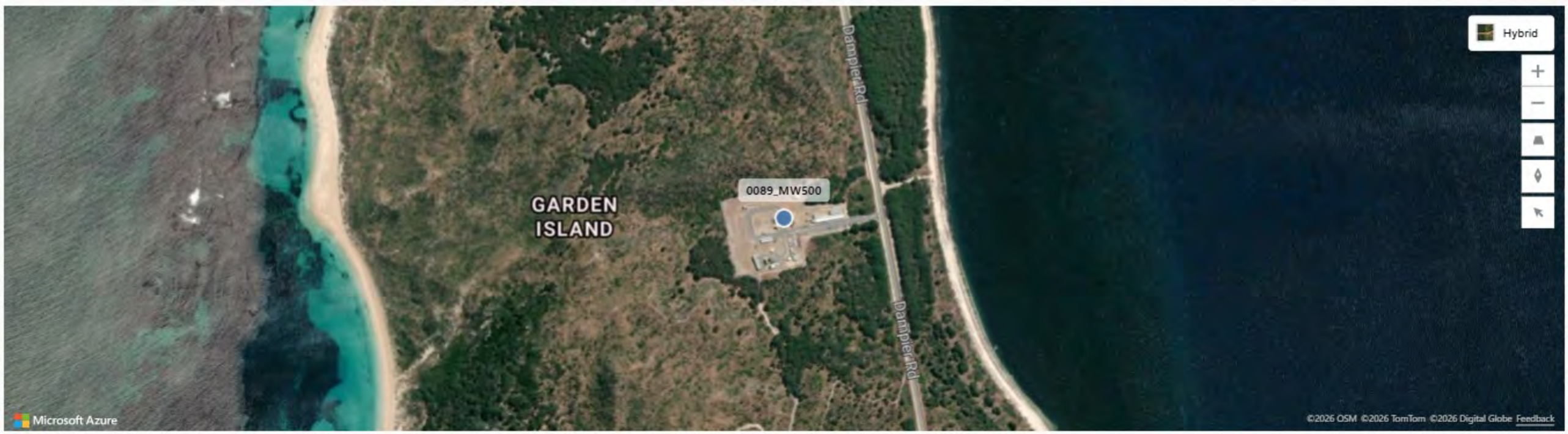
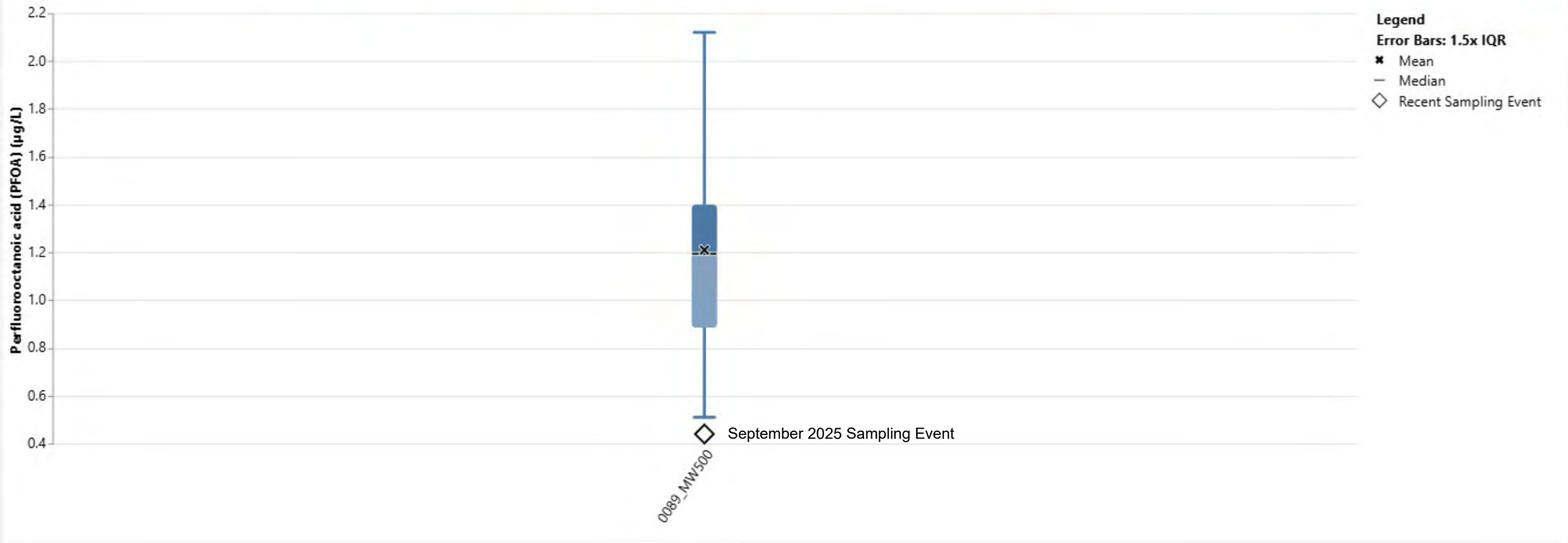

Perfluorohexane sulfonic add (PFHxS) (µg/L)
26
24
22
20
18
16
14
12
10
8
6
4
December 2023 Samping Event
September 2025 Sampling Event
0089_MW500
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
GARDEN ISLAND
0089_MW500
Dampier Rd
Dampier Rd
Microsoft Azure
©2026 OSM ©2026 TomTom ©2026 Digital Globe Feedback


Perfluorooctanoic acid (PFOA) (µg/L)
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event
September 2025 Sampling Event
0089_MW500


Hybrid
0089_MW216
Garden Island (Military) Airport
Dampier Rd
Dampier Rd
Microsoft Azure
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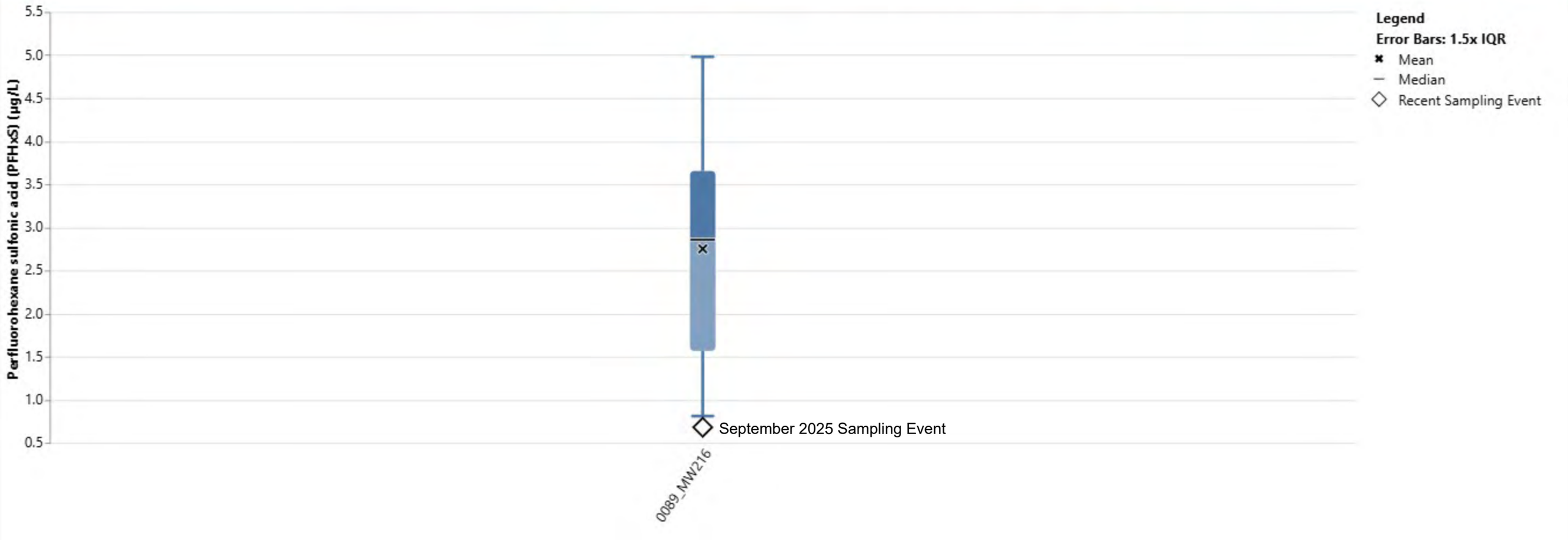
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0089_MW216
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event


Hybrid
0089_MW216
Garden Island (Military) Airport
Dampier Rd
Dampier Rd
Microsoft Azure
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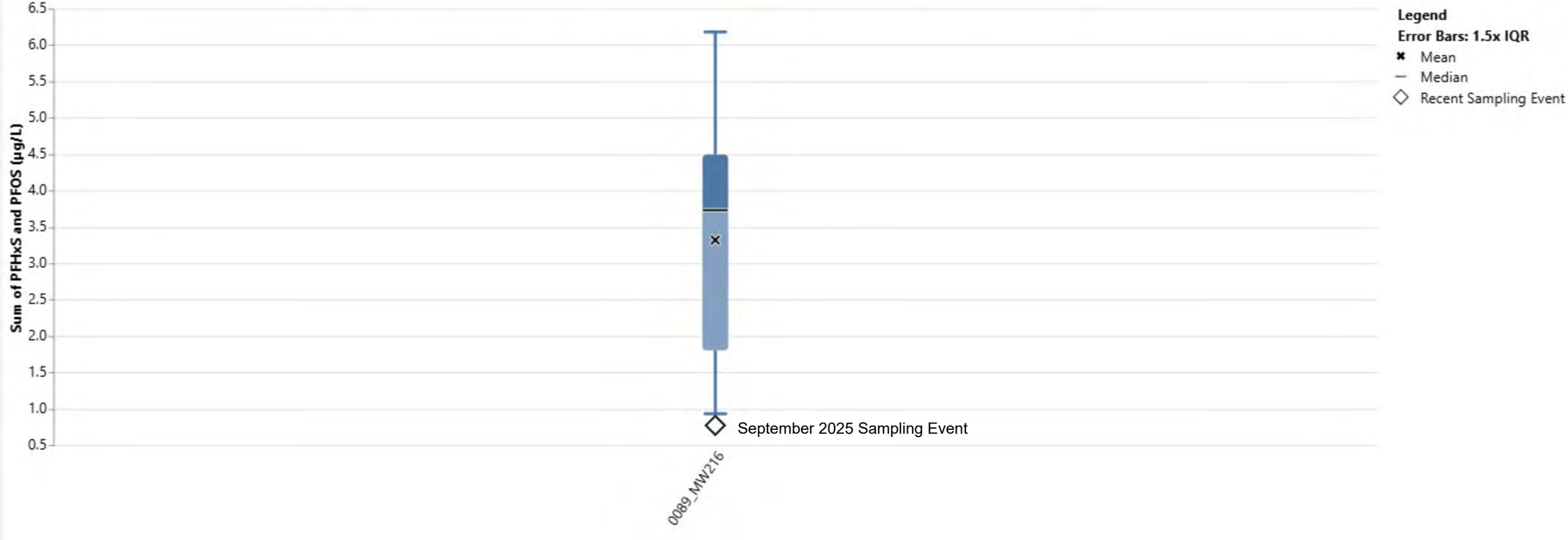
Sum of PFHxS and PFOS (µg/L)
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event
September 2025 Sampling Event
0089_MW216


Hybrid
0089_MW216
Garden Island (Military) Airport
Dampier Rd
Dampier Rd
Microsoft Azure
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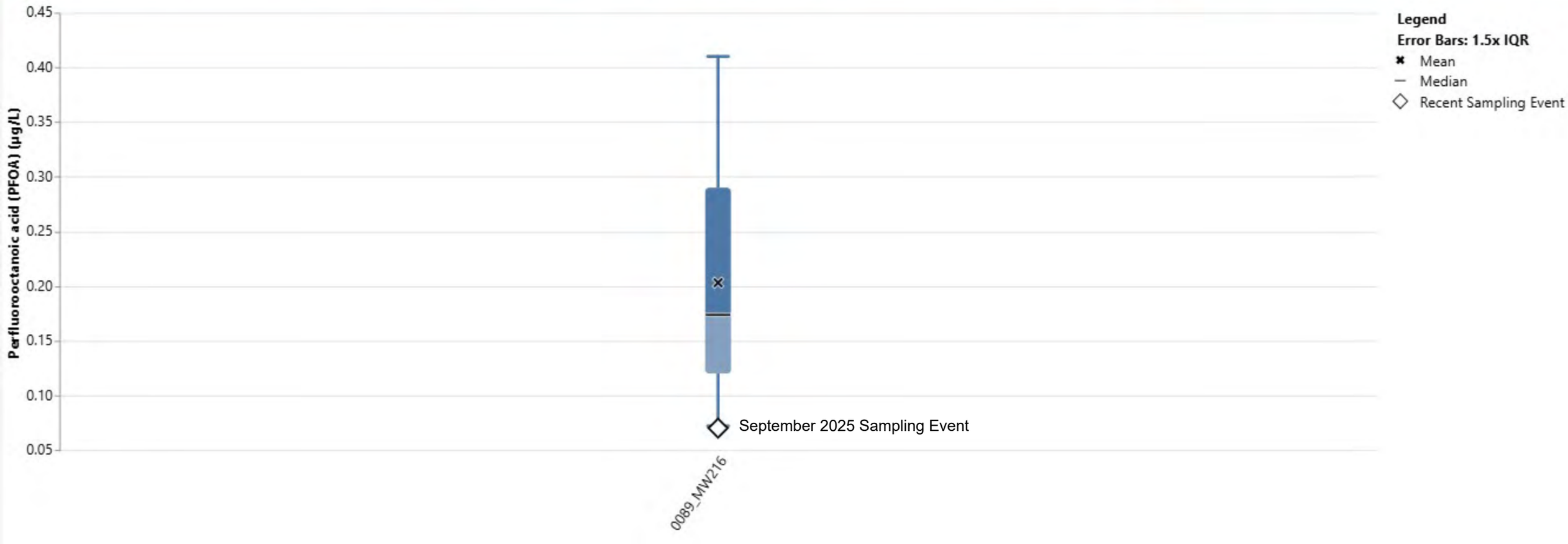
Perfluorooctanoic acid (PFOA) (µg/L)
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0089_MW216
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event


Hybrid
Hamelin Rd
Vancouver Rd
Vancouver Rd
Success Rd
Dampier Rd
Bandiera Rd
Brereton Rd
Alderley Rd
Kotaneelee Loop
0089_MW496
Microsoft Azure
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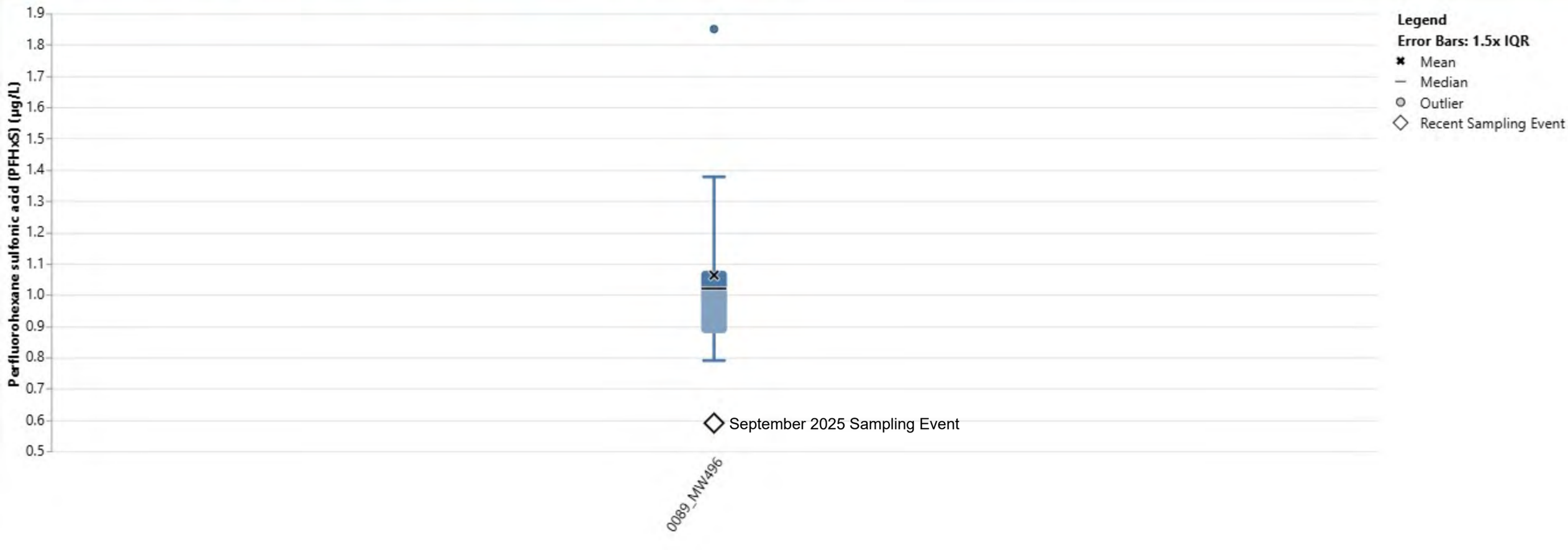
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event
September 2025 Sampling Event
0089_MW496


Hybrid
Hampton Rd
Vancouver Rd
Vancouver Rd
Bourchier Rd
Bandrika Rd
Wardlaw Rd
Allenby Rd
Kormilitzin Rd
Dampier Rd
Success Rd
0089_MW496
Microsoft Azure
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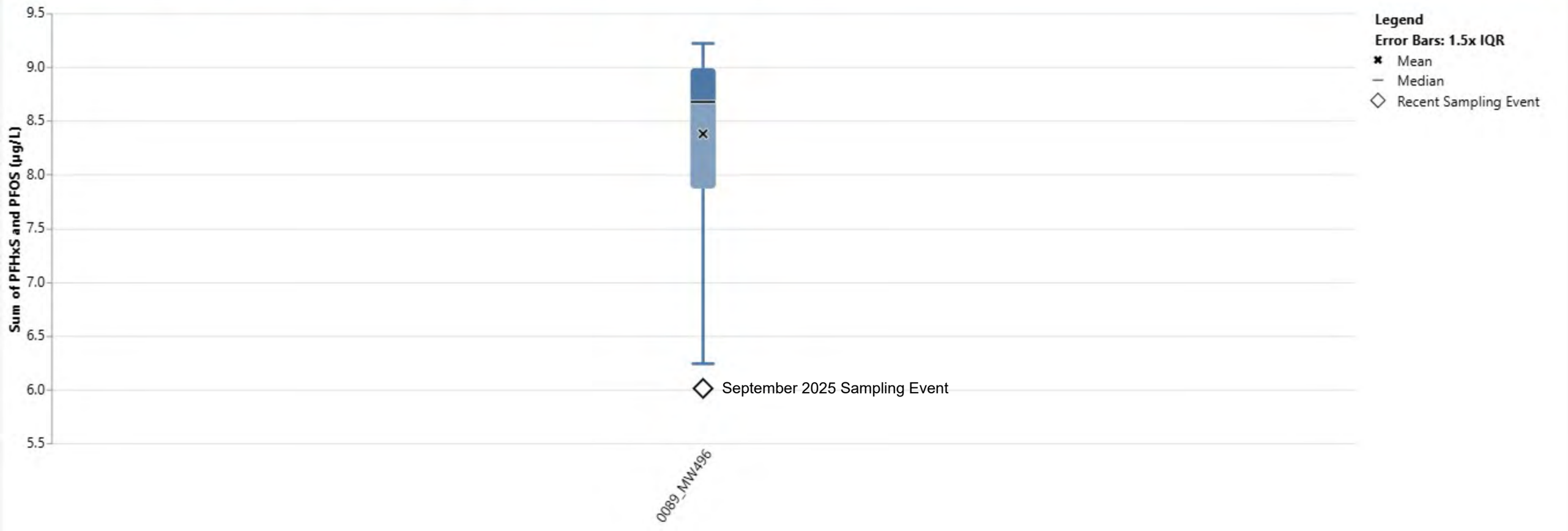
Sum of PFHxS and PFOS (µg/L)
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event
September 2025 Sampling Event
0089_MW496


Hybrid
Vancouver Rd
Vancouver Rd
Success Rd
Dampier Rd
Broughton Rd
Alberta Rd
0089_MW496
Microsoft Azure
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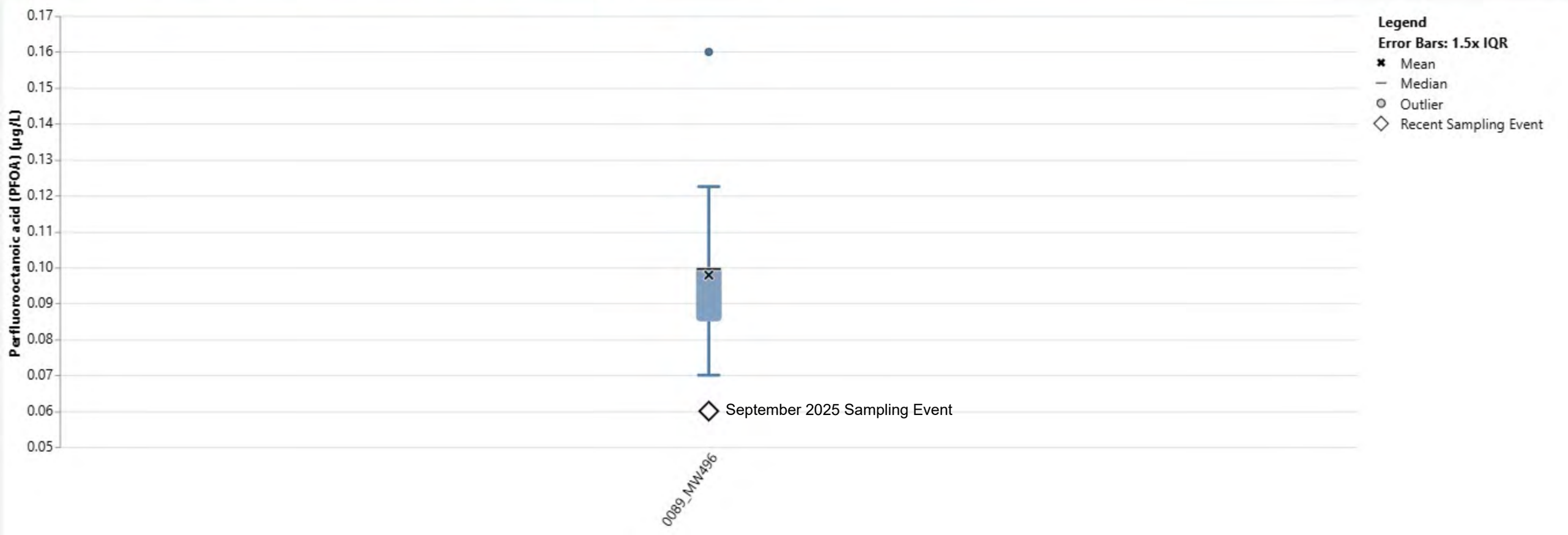
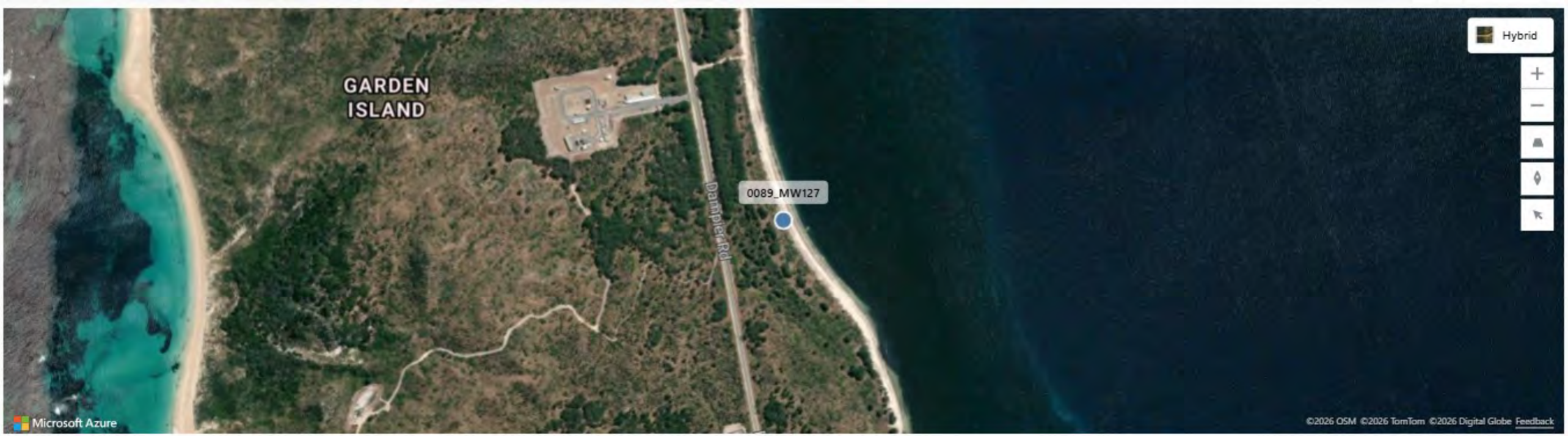
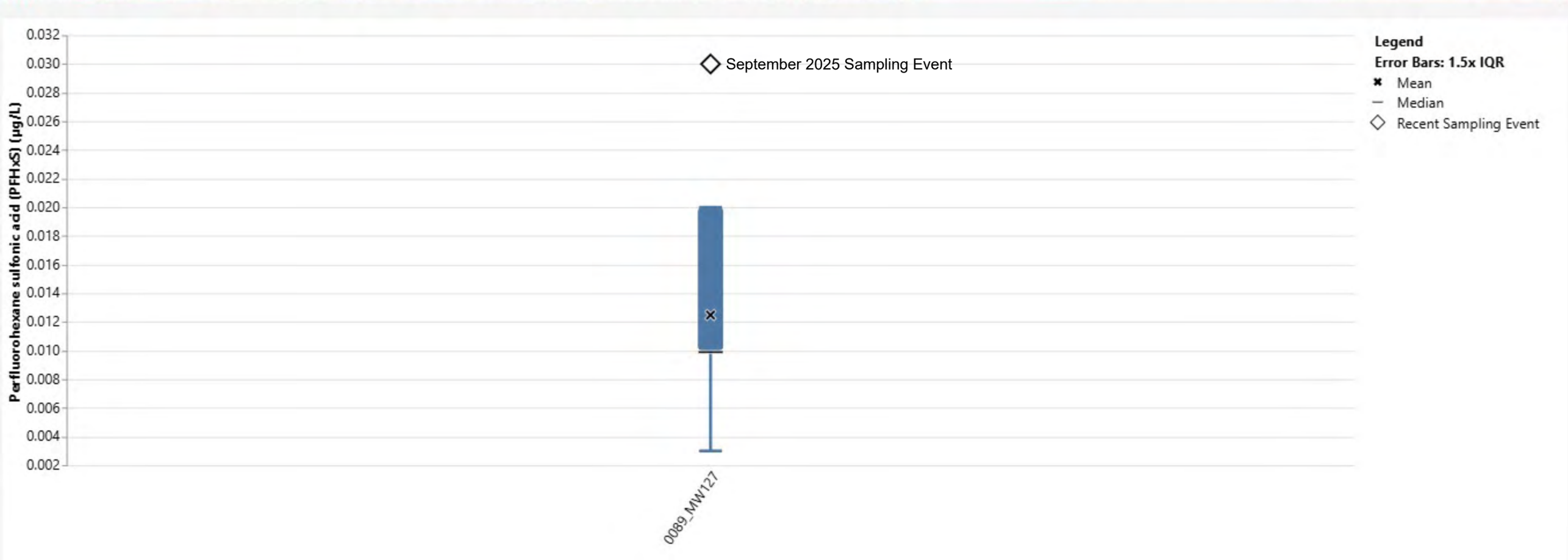
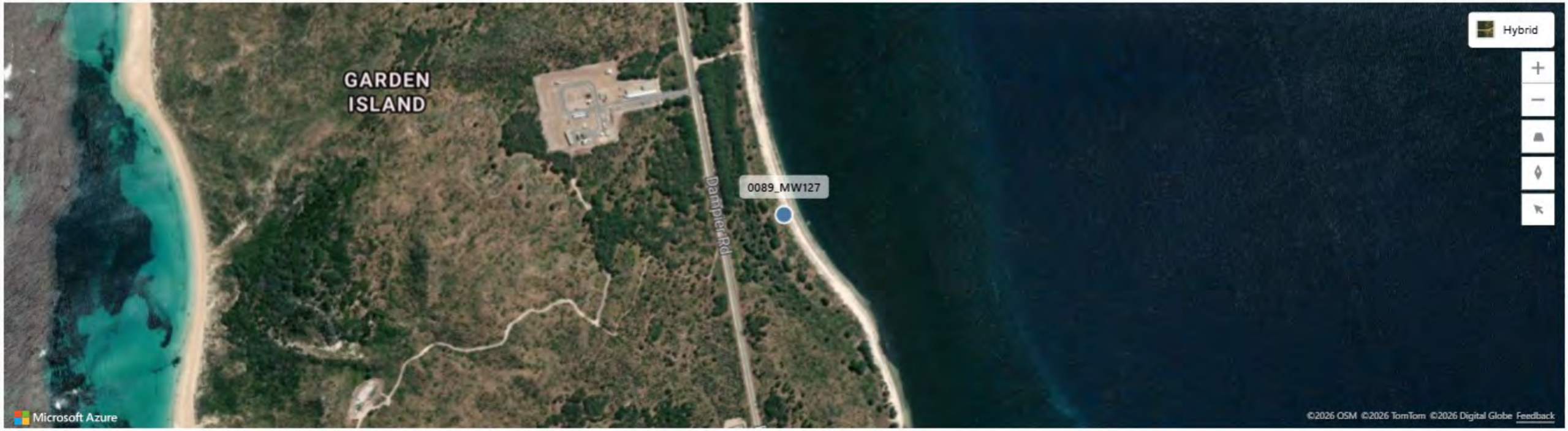
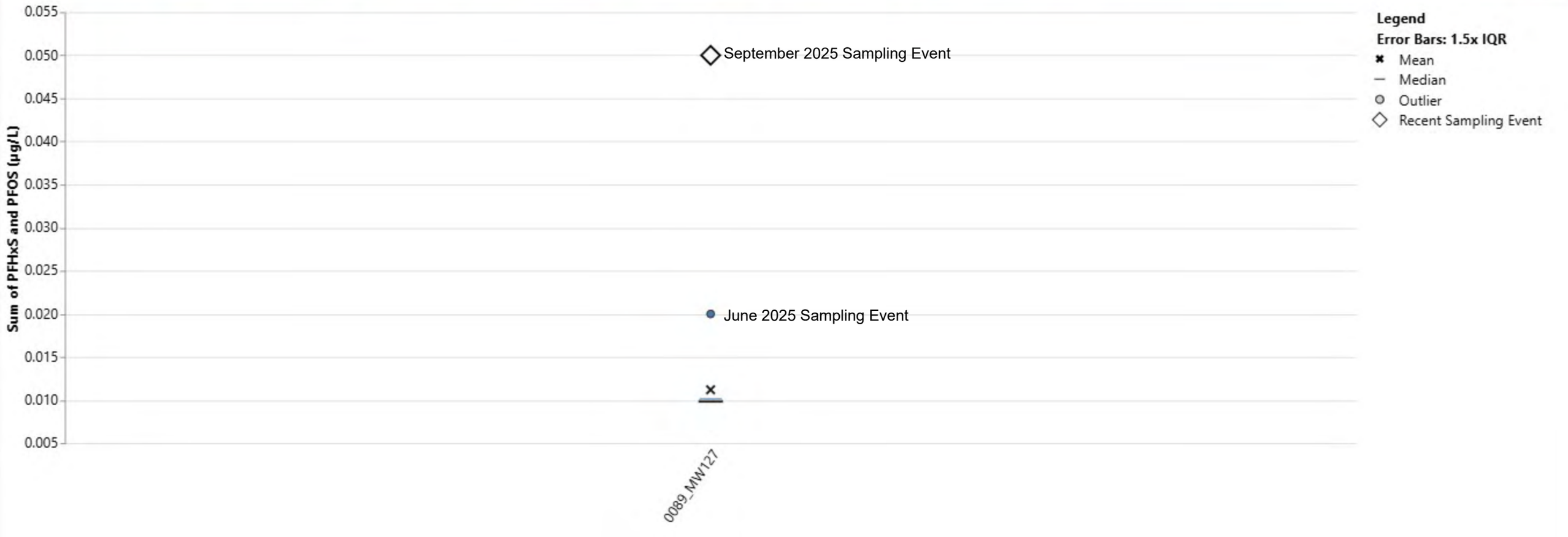
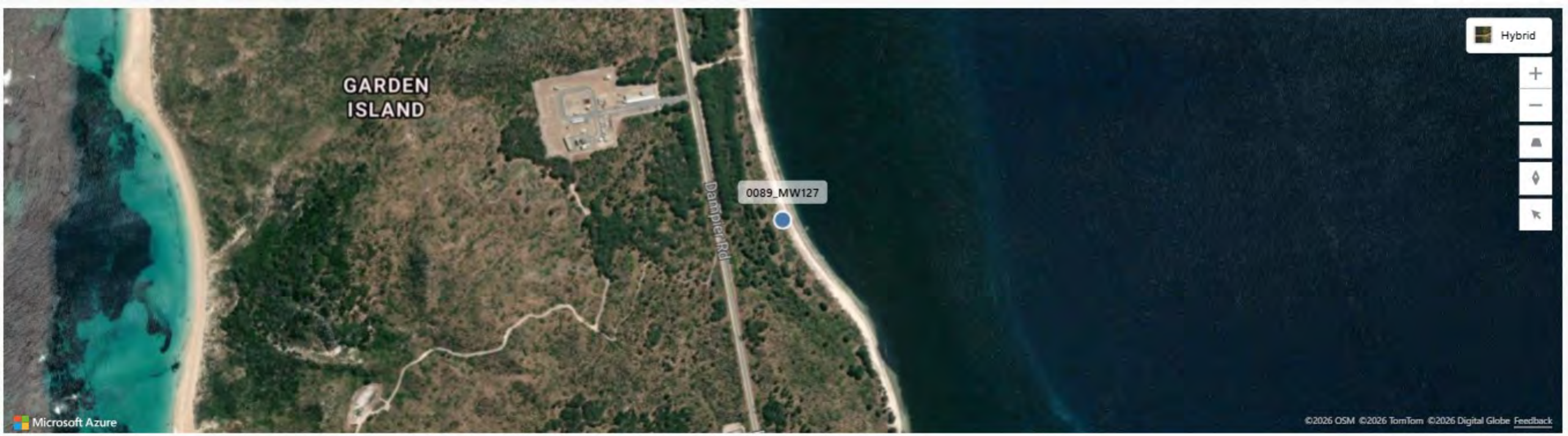

Perfluorooctanoic acid (PFOA) (µg/L)
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0089_MW496
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event

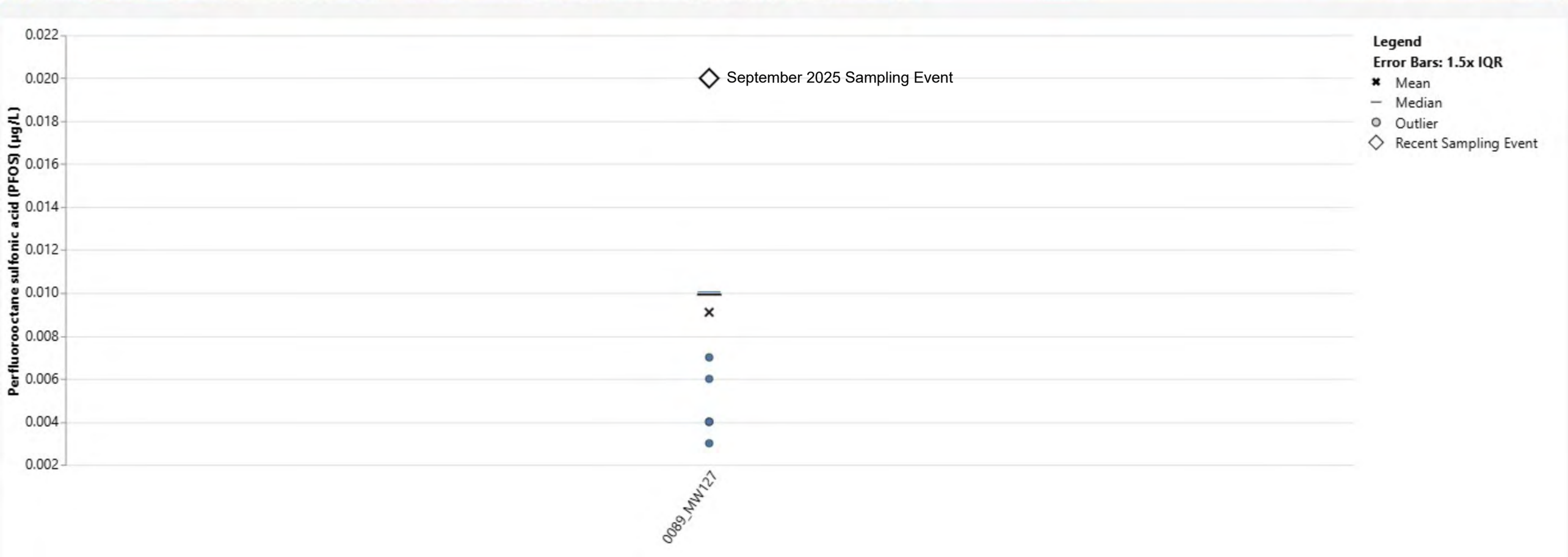

GARDEN
ISLAND
Dampier Rd
0089_MW127
Hybrid
Microsoft Azure
©2026 OSM ©2026 TomTom ©2026 Digital Globe Feedback


Perfluorohexane sulfonic acid (PFHxS) (µg/L)
0.032
0.030
0.028
0.026
0.024
0.022
0.020
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
September 2025 Sampling Event
0089_MW127
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event


GARDEN
ISLAND
Dampier Rd
0089_MW127
Hybrid
Microsoft Azure
©2026 OSM ©2026 TomTom ©2026 Digital Globe Feedback


Sum of PFHxS and PFOS (µg/L)
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0089_MW127
September 2025 Sampling Event
June 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


GARDEN
ISLAND
Dampier Rd
0089_MW127
Hybrid
Microsoft Azure
©2026 OSM ©2026 TomTom ©2026 Digital Globe Feedback


Perfluorooctane sulfonic acid (PFOS) (µg/L)
0.022
0.020
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
September 2025 Sampling Event
0089_MW127
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
0089_MW228
Dampier Rd
Dampier Rd
Garden Island (Military) Airport
Microsoft Azure
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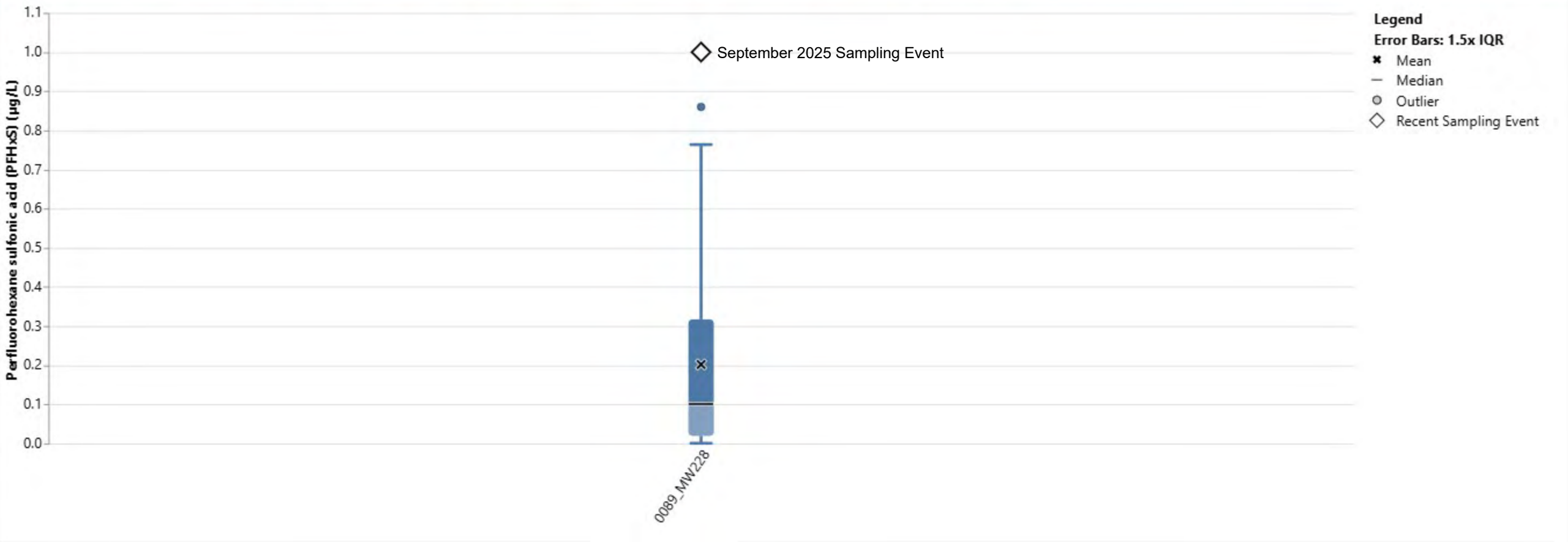
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
September 2025 Sampling Event
0089_MW228
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
0089_MW228
Dampier Rd
Garden Island (Military) Airport
Microsoft Azure
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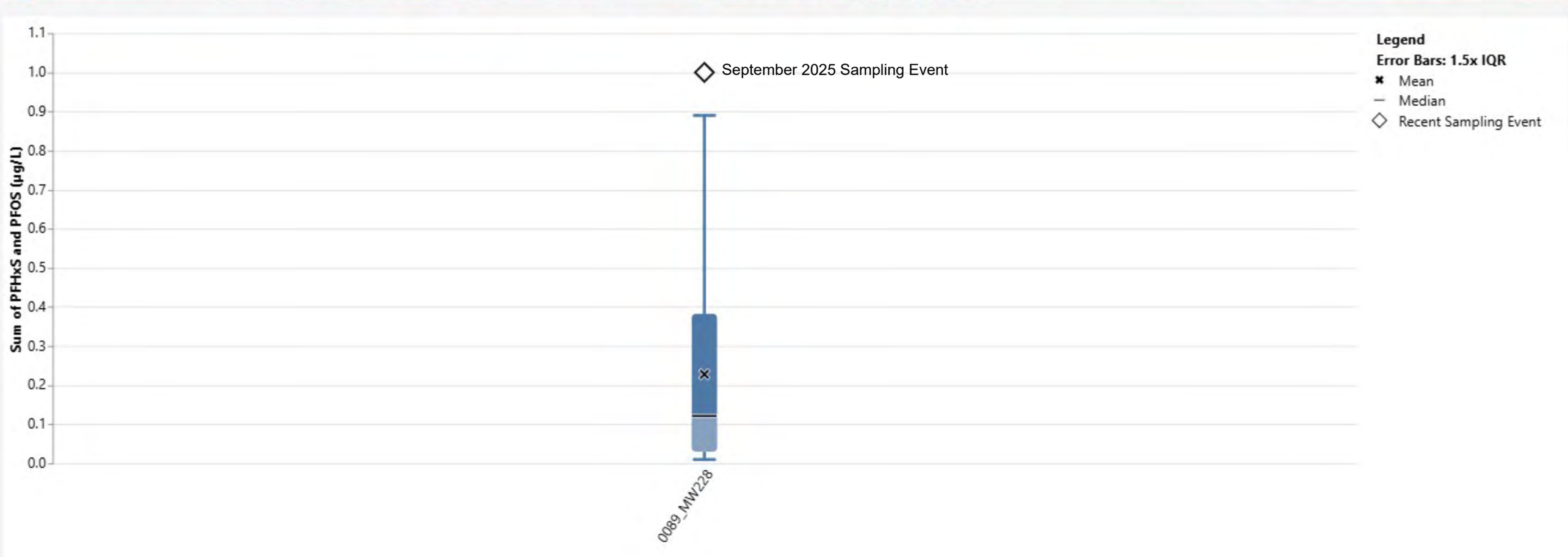
Sum of PFHxS and PFOS (µg/L)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
September 2025 Sampling Event
0089_MW228
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event


Hybrid
0089_MW228
Dampier Rd
Dampier Rd
Garden Island (Military) Airport
Microsoft Azure
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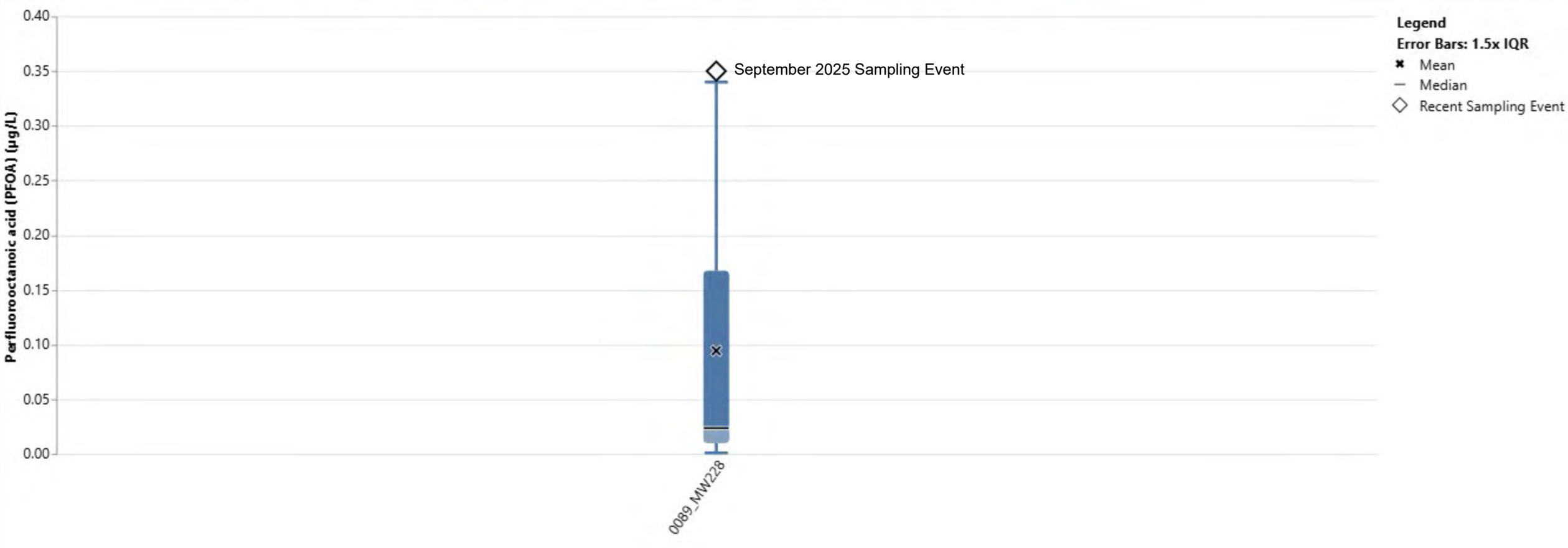
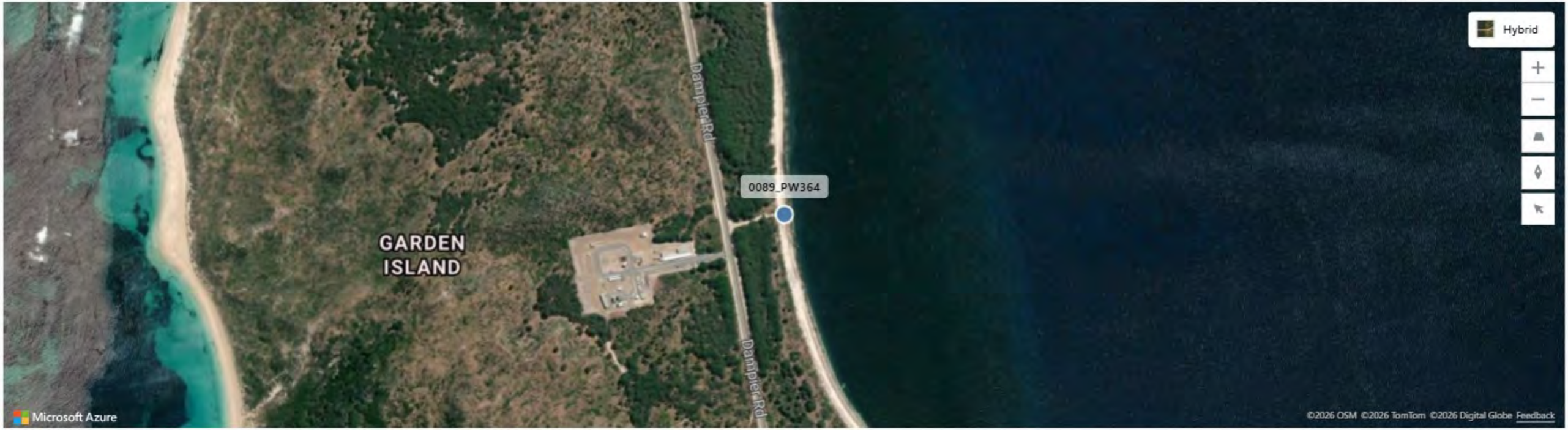

Perfluorooctanoic acid (PFOA) (µg/L)
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
September 2025 Sampling Event
0089_MW228
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event


Hybrid
0089_PW364
GARDEN
ISLAND
Dampier Rd
Dampier Rd
Microsoft Azure
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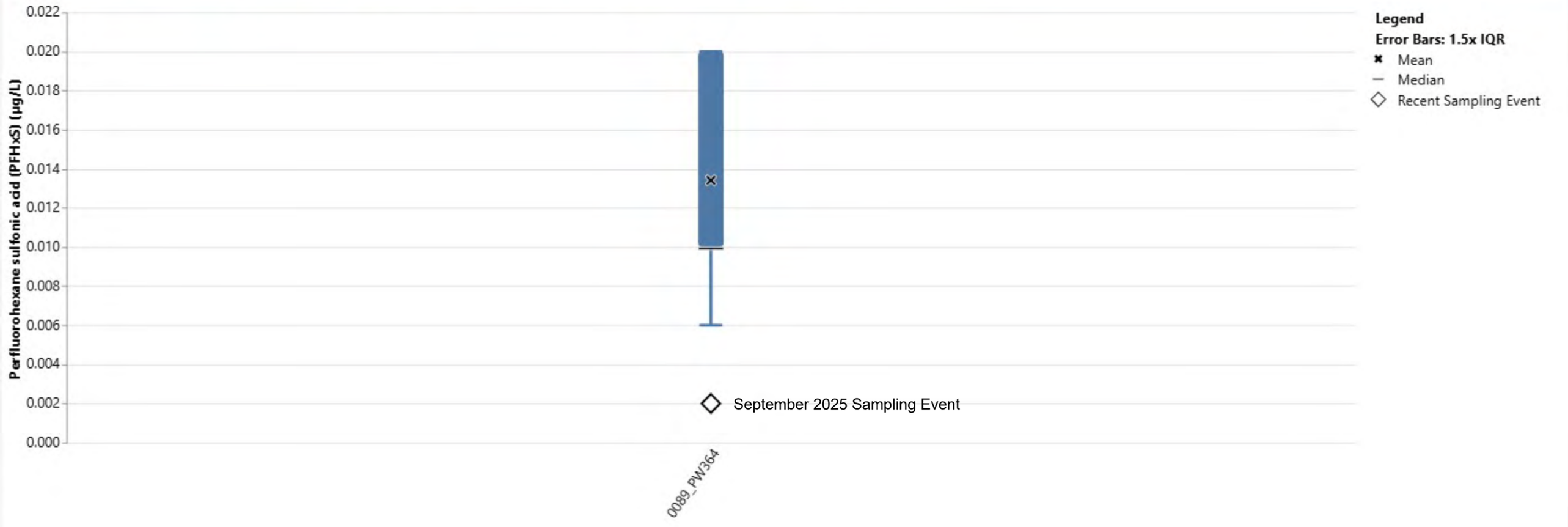
Perfluorohexane sulfonic acid (PFHxS) (µg/L)
0.022
0.020
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
Legend
Error Bars: 1.5x IQR
Mean
Median
Recent Sampling Event
September 2025 Sampling Event
0089_PW364


Hybrid
0089_PW364
GARDEN
ISLAND
Dampier Rd
Dampier Rd
Microsoft Azure
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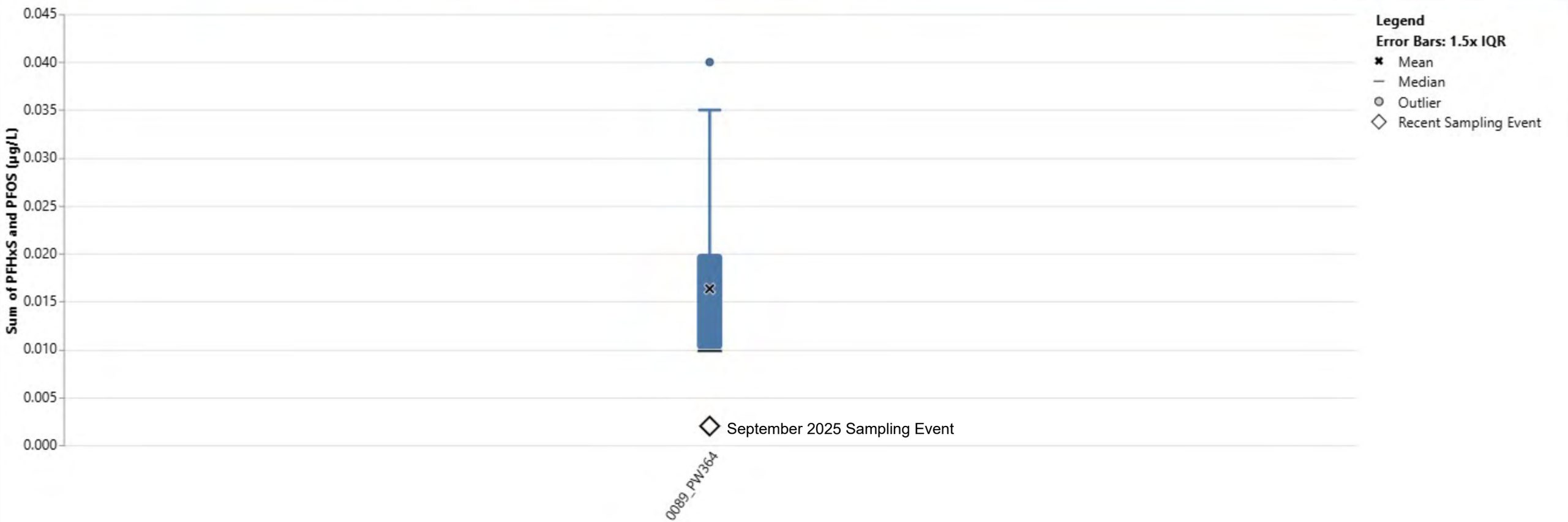
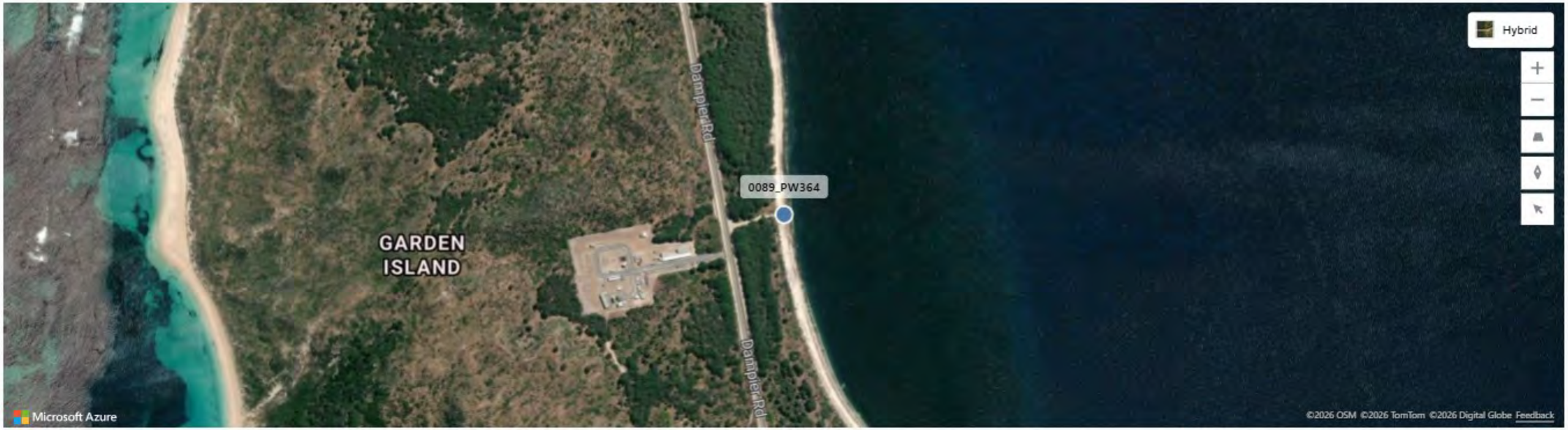
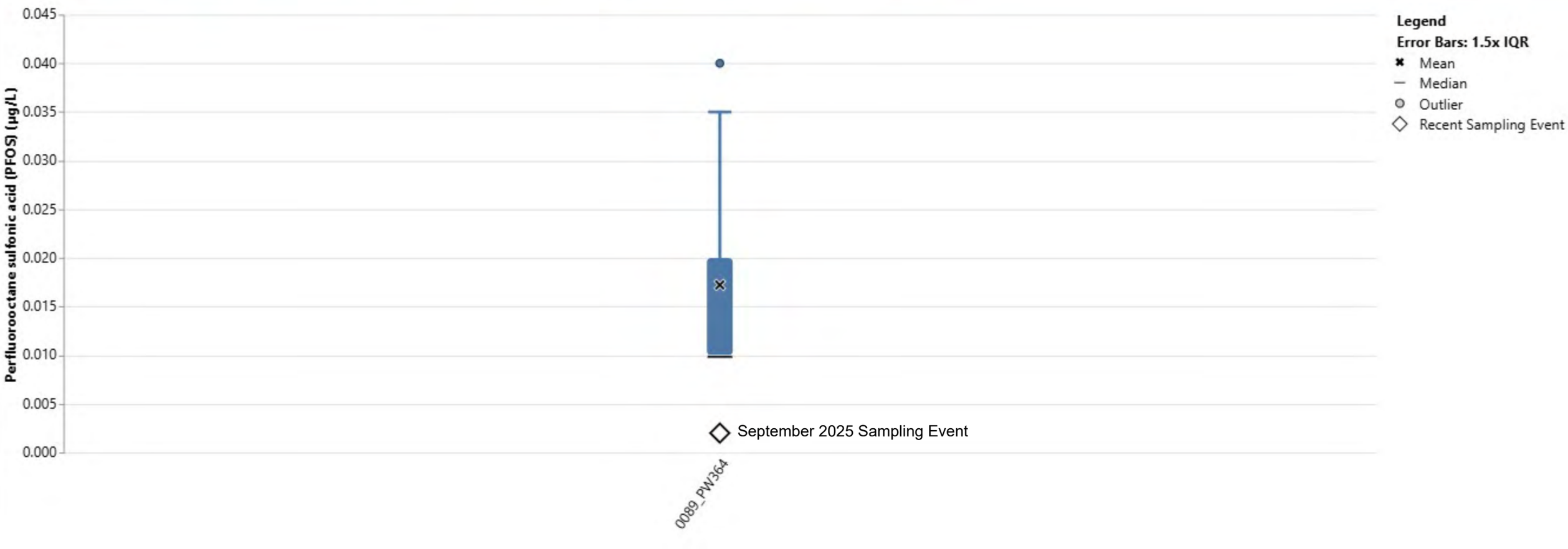
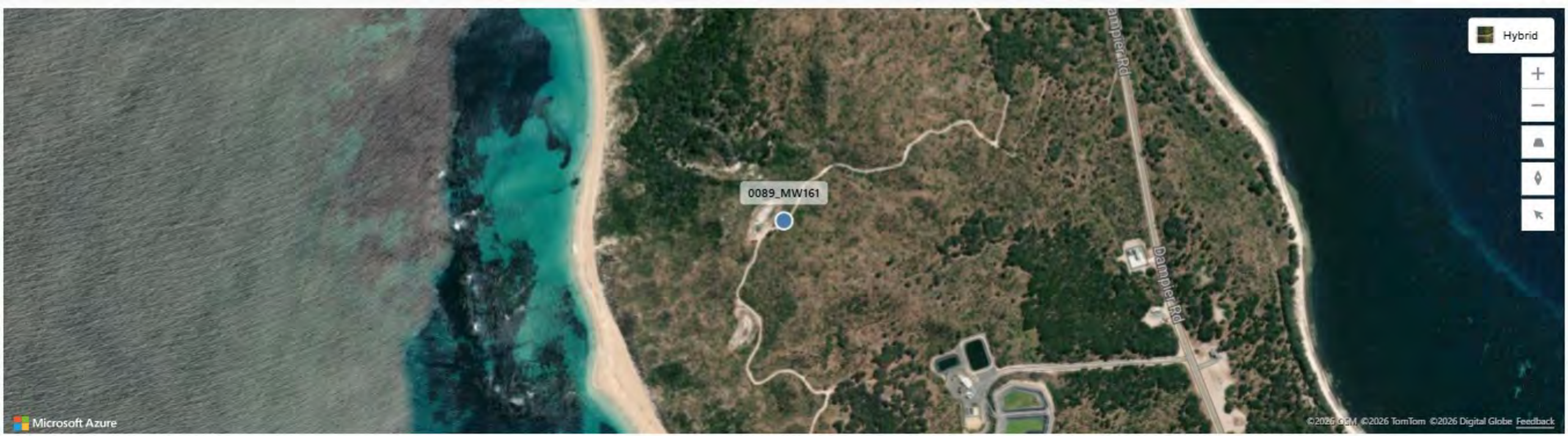
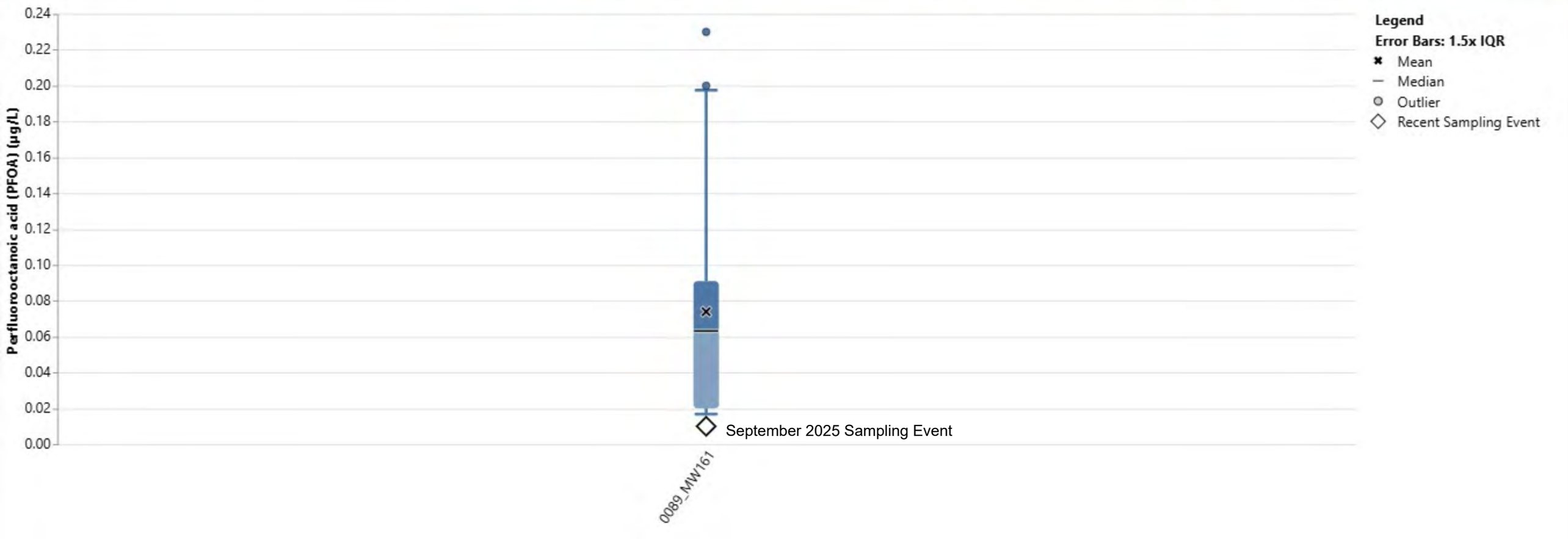

Sum of PFHxS and PFOS (µg/L)
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0089_PW364
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event


Hybrid
0089_PW364
GARDEN
ISLAND
Dampier Rd
Dampier Rd
Microsoft Azure
©2026 OSM ©2026 TomTom ©2026 Digital Globe Feedback


Perfluorooctane sulfonic acid (PFOS) (µg/L)
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event
September 2025 Sampling Event
0089_PW364


0089_MW161
Dampier Rd
Dampier Rd
Hybrid
Microsoft Azure
©2026 GRM ©2026 TomTom ©2026 Digital Globe Feedback


Perfluorooctanoic acid (PFOA) (µg/L)
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0089_MW161
September 2025 Sampling Event
Legend
Error Bars: 1.5x IQR
Mean
Median
Outlier
Recent Sampling Event

Appendix G

Trend assessment (water)

General information																		Linear Regression	Mann-Kendall							Unit
Chemical	Media	Location Code	# Sampling Events	# Results	% Detects	Any Detects	Date First Sample	Date Latest Sample	Date First Detect	Is Latest Result First Detect? (Y/N)	Highest Result (Detects Only)	Date of Highest Result (Detects Only)	Is Latest Result Highest? (Detects Only) (Y/N)	Lowest Result (Detects & Non-Detects))	Date of Lowest Result (Detects & Non-Detects)	Is Latest Result Lowest? (Detects & Non-Detects) (Y/N)	Is Latest First Exceedance? (Detects Only) (Y/N)	Most Recent Is Detect (Y/N)	R^2 of Trend	Mann-Kendall p-Value	Mann-Kendall Trend	Coefficient of Variation (CV)	Consistent or Variable	Average Result	Median Result	Std Deviation	Unit
Fire Training Area (Source)																										
Perfluorooctanoic acid (PFOA)	Groundwater	MW109	27	33	89%	Y	2017-09-20	2025-09-19	2017-09-20	N	0.94	2021-06-08	N	0.01	2022-09-05	N	N	N	0.63	0.0000	Decreasing	-	-	0.29	0.2	0.2789	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW109	24	31	100%	Y	2017-09-20	2025-09-19	2017-09-20	N	17.	2017-10-18	N	0.33	2025-09-19	Y	N	Y	0.7739	0.0000	Decreasing	-	-	6.38	4.715	6.1137	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW109	22	29	100%	Y	2017-09-20	2025-09-19	2017-09-20	N	38.	2021-06-08	N	0.02	2025-09-19	Y	N	Y	0.0318	0.0047	Decreasing	-	-	4.26	1.8	8.1637	ug/L
Sum of PFHxS and PFOS	Groundwater	MW109	20	23	100%	Y	2019-12-16	2025-09-19	2019-12-16	N	53.2	2021-06-08	N	0.35	2025-09-19	Y	N	Y	0.3159	0.0016	Decreasing	-	-	8.53	2.56	12.385	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW112	34	40	100%	Y	2010-10-30	2025-09-24	2010-10-30	N	7.3	2020-07-15	N	0.56	2020-01-08	N	N	Y	0.165	0.0036	Decreasing	-	-	2.31	1.98	1.4697	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW112	33	38	100%	Y	2010-10-30	2025-09-24	2010-10-30	N	73.6	2022-06-07	N	1.6	2017-09-20	N	N	Y	0.0109	0.2728	No Trend	0.48	Consistent	30.42	27.1	14.5393	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW112	27	33	100%	Y	2017-03-08	2025-09-24	2017-03-08	N	62.7	2020-07-15	N	3.88	2024-03-11	N	N	Y	0.1887	0.0008	Decreasing	-	-	15.96	11.	13.0769	ug/L
Sum of PFHxS and PFOS	Groundwater	MW112	17	20	100%	Y	2020-01-08	2025-09-24	2020-01-08	N	83.9	2020-07-15	N	24.5	2020-01-08	N	N	Y	0.1912	0.0383	Decreasing	-	-	46.56	42.9	15.2911	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW120	25	32	100%	Y	2017-03-08	2025-09-19	2017-03-08	N	22.2	2022-09-05	N	1.25	2025-06-06	N	N	Y	0.0001	0.0211	Decreasing	-	-	5.21	3.33	5.2077	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW120	25	31	100%	Y	2017-03-08	2025-09-19	2017-03-08	N	2.32	2025-09-19	Y	0.07	2024-03-11	N	N	Y	0.0581	0.3717	No Trend	1.25	Variable	0.55	0.25	0.6852	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW120	24	32	100%	Y	2017-03-08	2025-09-19	2017-03-08	N	9.29	2020-03-30	N	0.23	2021-08-30	N	N	Y	0.0208	0.3276	No Trend	0.83	Consistent	2.39	2.01	1.9904	ug/L
Sum of PFHxS and PFOS	Groundwater	MW120	20	23	100%	Y	2019-12-16	2025-09-19	2019-12-16	N	22.6	2022-09-05	N	2.08	2023-12-12	N	N	Y	0.0865	0.0126	Decreasing	-	-	8.21	6.165	5.3723	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW121	28	34	100%	Y	2017-03-08	2025-09-19	2017-03-08	N	20.3	2020-07-15	N	0.05	2025-09-19	Y	N	Y	0.0083	0.1817	No Trend	1.55	Variable	3.65	1.36	5.6416	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW121	27	35	96%	Y	2016-02-23	2025-09-19	2016-02-23	N	1.42	2021-08-30	N	0.01	2023-12-12	N	N	N	0.	0.2937	No Trend	1.34	Variable	0.28	0.13	0.3737	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW121	26	33	100%	Y	2016-02-23	2025-09-19	2016-02-23	N	47.5	2020-03-30	N	0.06	2022-12-12	N	N	Y	0.0042	0.2833	No Trend	1.76	Variable	6.14	2.23	10.7925	ug/L
Sum of PFHxS and PFOS	Groundwater	MW121	20	23	100%	Y	2019-12-16	2025-09-19	2019-12-16	N	87.9	2021-08-30	N	0.2	2023-12-12	N	N	Y	0.2096	0.0917	No Trend	1.42	Variable	16.98	8.89	24.0284	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW123	25	31	96%	Y	2017-03-08	2025-09-19	2017-03-08	N	36.9	2023-12-12	N	0.01	2022-12-12	N	N	N	0.0798	0.0115	Decreasing	-	-	3.21	0.05	8.9196	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW123	24	31	50%	Y	2017-03-08	2025-09-19	2017-03-08	N	1.61	2023-12-12	N	0.005	2017-03-08	N	N	N	0.0735	0.0006	Increasing	-	-	0.12	0.01	0.3661	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW123	23	30	100%	Y	2017-03-08	2025-09-19	2017-03-08	N	14.	2024-03-11	N	0.04	2025-09-19	Y	N	Y	0.105	0.0195	Increasing	-	-	1.71	0.47	3.8528	ug/L
Sum of PFHxS and PFOS	Groundwater	MW123	17	20	100%	Y	2019-12-16	2025-09-19	2019-12-16	N	55.9	2023-12-12	N	0.04	2025-09-19	Y	N	Y	0.0464	0.4184	No Trend	2.60	Variable	5.81	0.61	15.133	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW500	15	17	100%	Y	2022-01-10	2025-09-19	2022-01-10	N	24.2	2022-06-07	N	4.09	2025-09-19	Y	N	Y	0.0754	0.1865	No Trend	0.42	Consistent	13.12	13.1	5.5363	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW500	15	17	100%	Y	2022-01-10	2025-09-19	2022-01-10	N	2.12	2023-03-13	N	0.44	2025-09-19	Y	N	Y	0.355	0.0112	Decreasing	-	-	1.15	1.2	0.4982	ug/L
Sum of PFHxS and PFOS	Groundwater	MW500	15	18	100%	Y	2022-01-10	2025-09-19	2022-01-10	N	79.2	2023-12-12	N	38.1	2023-03-13	N	N	Y	0.0017	0.4022	No Trend	0.22	Consistent	60.01	63.3	13.4359	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW500	14	17	100%	Y	2022-01-10	2025-09-19	2022-01-10	N	61.6	2024-12-16	N	31.3	2023-06-06	N	N	Y	0.0253	0.2920	No Trend	0.18	Consistent	48.37	49.85	8.6818	ug/L
Demolition Ground (Source)																										
Perfluorooctanoic acid (PFOA)	Groundwater	MW139	32	40	0%	N	2010-10-30	2025-09-23					N	0.001	2017-08-01	N	N	N	0.0055	0.1490	No Trend	0.58	Consistent	0.01	0.01	0.0052	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW139	31	37	32%	Y	2010-10-30	2025-09-23	2015-05-26	N	0.13	2015-05-26	N	0.001	2017-08-01	N	N	N	0.0863	0.4130	No Trend	1.53	Variable	0.01	0.01	0.0225	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW139	27	35	26%	Y	2017-08-01	2025-09-23	2017-08-01	N	0.009	2018-01-17	N	0.002	2017-08-01	N	N	N	0.0631	0.1326	No Trend	0.56	Consistent	0.01	0.01	0.0064	ug/L
Sum of PFHxS and PFOS	Groundwater	MW139	21	24	19%	Y	2020-01-08	2025-09-23	2020-01-08	N	0.04	2020-01-08	N	0.01	2020-03-30	N	N	N	0.1275	0.0756	No Trend	0.57	Consistent	0.01	0.01	0.0068	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW141	31	39	100%	Y	2010-10-30	2025-09-23	2010-10-30	N	147.	2022-01-10	N	5.62	2015-05-26	N	N	Y	0.0416	0.3479	No Trend	0.53	Consistent	59.82	53.	31.5767	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW141	30	40	100%	Y	2017-08-01	2025-09-23	2017-08-01	N	56.	2018-02-01	N	7.1	2023-09-11	N	N	Y	0.3449	0.0023	Decreasing	-	-	23.39	18.65	14.3406	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW141	27	34	100%	Y	2010-10-30	2025-09-23	2010-10-30	N	6.2	2018-01-17	N	0.65	2023-09-11	N	N	Y	0.106	0.0843	No Trend	0.70	Consistent	1.94	1.43	1.3599	ug/L
Sum of PFHxS and PFOS	Groundwater	MW141	21	24	100%	Y	2020-01-08	2025-09-23	2020-01-08	N	144.	2022-12-12	N	29.2	2024-05-28	N	N	Y	0.0012	0.3473	No Trend	0.43	Consistent	73.43	65.7	31.7091	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW147	22	31	18%	Y	2010-10-30	2025-09-23	2017-08-01	N	0.01	2023-06-07	N	0.001	2017-09-19	N	N	N	0.0525	0.4009	No Trend	1.68	Variable	0.01	0.01	0.0204	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW147	21	28	76%	Y	2013-10-18	2025-09-23	2016-10-25	N	0.05	2020-07-20	N	0.006	2017-09-19	N	N	Y	0.1023	0.0968	No Trend	0.99	Consistent	0.02	0.012	0.0211	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW147	18	27	100%	Y	2017-08-01	2025-09-23	2017-08-01	N	0.4	2018-01-17	N	0.02	2023-12-19	N	N	Y	0.2899	0.0164	Decreasing	-	-	0.14	0.1	0.1132	ug/L
Sum of PFHxS and PFOS	Groundwater	MW147	11	14	100%	Y	2020-07-20	2025-09-23	2020-07-20	N	0.36	2023-06-07	N	0.03	2023-12-19	N	N	Y	0.2188	0.3760	No Trend	0.86	Consistent	0.12	0.08	0.0998	µg/L
Wastewater Treatment Plant (Source)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW173	24	28	96%	Y	2017-08-09	2025-09-18	2017-08-09	N	8.62	2022-06-08	N	0.001	2017-11-15	N	N	Y	0.3086	0.0057	Increasing	-	-	2.68	2.545	2.4865	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW173	23	26	100%	Y	2017-08-09	2025-09-18	2017-08-09	N	1.1	2021-06-10	N	0.008	2018-01-16	N	N	Y	0.0548	0.1390	No Trend	1.13	Variable	0.23	0.16	0.2563	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW173	21	25	100%	Y	2017-08-09	2025-09-18	2017-08-09	N	6.64	2021-06-10	N	0.033	2018-01-16	N	N	Y	0.0514	0.4639	No Trend	0.84	Consistent	2.	1.67	1.6847	ug/L
Sum of PFHxS and PFOS	Groundwater	MW173	16	20	100%	Y	2020-01-16	2025-09-18	2020-01-16	N	13.2	2022-06-08	N	1.19	2020-01-16	N	N	Y	0.1357	0.0687	No Trend	0.53	Consistent	6.12	4.795	3.2429	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW193	24	26	100%	Y	2017-08-08	2025-06-10	2017-08-08	N	4.45	2021-08-30	N	1.01	2020-01-08	N	N	Y	0.0265	0.4802	No Trend	0.46	Consistent	2.28	1.9	1.0403	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW193	23	24	100%	Y	2017-08-08	2025-06-10	2017-08-08	N	0.85	2024-03-12	N	0.16	2023-09-04	N	N	Y	0.0108	0.1452	No Trend	0.38	Consistent	0.48	0.43	0.183	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW193	22	24	100%	Y	2017-08-08	2025-06-10	2017-08-08	N	11.9	2022-03-15	N	3.34	2025-03-20	N	N	Y	0.0104	0.1297	No Trend	0.32	Consistent	7.17	6.7	2.2949	ug/L
Sum of PFHxS and PFOS	Groundwater	MW193	18	20	100%	Y	2020-01-08	2025-06-10	2020-01-08	N	21.7	2020-03-31	N	3.59	2023-09-04	N	N	Y	0.1278	0.1279	No Trend	0.46	Consistent	9.77	9.025	4.4586	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW195D	24	27	38%	Y	2017-08-08	2025-09-18	2017-08-08	N	0.021	2017-08-08	N	0.01	2022-01-10	N	N	N	0.5517	0.0001	Decreasing	-	-	0.01	0.01	0.0051	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW195D	24	27	21%	Y	2017-08-08	2025-09-18	2020-01-08	N	0.02	2020-01-08	N	0.001	2017-08-08	N	N	N	0.0047	0.4160	No Trend	0.39	Consistent	0.01	0.01	0.0044	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW195D	22	26	9%	Y	2017-08-08	2025-09-18	2017-08-08	N	0.01	2024-03-12	N	0.006	2017-08-08	N	N	N	0.2802	0.0575	No Trend	0.09	Consistent	0.01	0.01	0.0009	ug/L
Sum of PFHxS and PFOS	Groundwater	MW195D	19	21	53%	Y	2020-01-08	2025-09-18	2020-01-08	N	0.03	2022-06-07	N	0.01	2020-03-31	N	N	N	0.0194	0.2590	No Trend	0.49	Consistent	0.01	0.01	0.0069	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW195S	21	21	19%	Y	2017-08-08	2024-05-27	2017-09-18	N	0.042	2017-12-07	N	0.001	2017-08-08	N	N	N	0.	0.0228	Increasing	-	-	0.01	0.01	0.0079	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW195S	21	21	10%	Y	2017-08-08	2024-05-27	2017-12-07	N	0.01	2021-06-09	N	0.001	2017-08-08	N	N	N	0.7195	0.0004	Increasing	-	-	0.01	0.01	0.0038	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW195S	15	15	33%	Y	2017-09-18	2024-05-27	2017-09-18	N	0.01	2017-09-18	N	0.002	2018-01-16	N	N	N	0.1417	0.2642	No Trend	0.55	Consistent	0.01	0.01	0.0065	ug/L
Sum of PFHxS and PFOS	Groundwater	MW195S	15	15	7%	Y	2020-01-08	2024-05-27	2021-06-09	N	0.01	2021-06-09	N	0.01	2020-01-08	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Helicopter Support Facility (Source)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW215	16	20	31%	Y	2017-08-02	2025-09-15	2024-03-11	N	0.04	2024-12-16	N	0.001	2017-08-02	N	N	Y	0.4122	0.0017	Increasing	-	-	0.01	0.01	0.0095	ug/L
Sum of PFHxS and PFOS	Groundwater	MW215	16	20	100%	Y	2021-09-01	2025-09-15	2021-09-01	N	2.62	2025-06-05	N	0.24	2022-12-13	N	N	Y	0.3705	0.0108	Increasing	-	-	0.79	0.595	0.5696	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW215	15	19	100%	Y	2017-08-02	2025-09-15	2017-08-02	N	2.62	2025-06-05	N	0.003	2017-08-02	N	N	Y	0.3667	0.0076	Increasing	-	-	0.77	0.61	0.6104	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW215	15	18	47%	Y	2017-08-02	2025-09-15	2022-03-16	N	0.08	2025-06-05	N	0.001	2017-08-02	N	N	Y	0.1939	0.0062	Increasing	-	-	0.02	0.01	0.0188	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW216	23	27	100%	Y	2017-08-02	2025-09-15	2017-08-02	N	1.2	2022-01-13	N	0.02	2017-11-17	N	N	Y	0.0365	0.2545	No Trend	0.94	Consistent	0.42	0.27	0.3965	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW216	27	31	100%	Y	2017-09-11	2025-09-15	2017-09-11	N	0.41	2022-03-16	N	0.07	2025-09-15	Y	N	Y	0.003	0.3457	No Trend	0.52	Consistent	0.2	0.17	0.1029	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW216	25	28	100%	Y	2017-08-02	2025-09-15	2017-08-02	N	4.98	2022-01-13	N	0.68	2025-09-15	Y	N	Y	0.3079	0.0005	Decreasing	-	-	2.64	2.65	1.2408	ug/L
Sum of PFHxS and PFOS	Groundwater	MW216	21	23	100%	Y	2019-12-19	2025-09-15	2019-12-19	N	6.18	2022-01-13	N	0.77	2025-09-15	Y	N	Y	0.5347	0.0006	Decreasing	-	-	3.17	3.61	1.6173	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW217	26	29	100%	Y	2017-08-02	2025-09-15	2017-08-02	N	1.05	2024-12-16	N	0.02	2021-03-18	N	N	Y	0.0102	0.1249	No Trend	1.61	Variable	0.13	0.06	0.2015	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW217	22	26	82%	Y	2017-08-02	2025-09-15	2017-09-11	N	0.097	2017-09-11	N	0.001	2017-08-02	N	N	Y	0.0108	0.3716	No Trend	0.73	Consistent	0.03	0.02	0.021	ug/L
Sum of PFHxS and PFOS	Groundwater	MW217	20	24	100%	Y	2020-03-31	2025-09-15	2020-03-31	N	1.11	2024-12-16	N	0.02	2021-06-09	N	N	Y	0.0853	0.0627	No Trend	1.64	Variable	0.15	0.08	0.2393	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW217	27	31	100%	Y	2017-08-02	2025-09-15	2017-08-02	N	0.57	2024-12-16	N	0.2	2017-12-05	N	N	Y	0.2574	0.0101	Increasing	-	-	0.32	0.32	0.0762	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW220	20	23	100%	Y	2017-08-02	2025-09-15	2017-08-02	N	5.45	2022-01-13	N	0.19	2017-10-16	N	N	Y	0.0389	0.2478	No Trend	1.01	Variable	1.73	0.9	1.7439	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW220	22	26	100%	Y	2016-02-26	2025-09-15	2016-02-26	N	72.	2022-01-13	N	0.2	2017-10-16	N	N	Y	0.0741	0.0212	Increasing	-	-	10.17	6.065	15.7303	ug/L
Sum of PFHxS and PFOS	Groundwater	MW220	12	14	100%	Y	2022-01-13	2025-09-15	2022-01-13	N	77.4	2022-01-13	N	4.6	2023-12-13	N	N	Y	0.4613	0.0574	No Trend	1.06	Variable	19.32	10.85	20.5707	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW220	23	26	100%	Y	2016-02-26	2025-09-15	2016-02-26	N	0.64	2022-01-13	N	0.014	2017-10-16	N	N	Y	0.0006	0.1769	No Trend	1.09	Variable	0.17	0.1	0.1879	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW224	18	21	44%	Y	2020-07-22	2025-09-15	2020-07-22	N	0.08	2022-06-08	N	0.01	2020-12-15	N	N	N	0.0369	0.1007	No Trend	0.94	Consistent	0.02	0.01	0.0166	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW224	22	25	0%	N	2017-08-09	2025-09-15		N			N	0.001	2017-08-09	N	N	N	0.3137	0.0575	No Trend	0.20	Consistent	0.01	0.01	0.0019	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW224	23	27	13%	Y	2017-08-09	2025-09-15	2020-03-31	N	0.02	2020-03-31	N	0.001	2017-08-09	N	N	N	0.1418	0.0017	Decreasing	-	-	0.01	0.01	0.0057	ug/L
Sum of PFHxS and PFOS	Groundwater	MW224	20	23	45%	Y	2019-12-19	2025-09-15	2019-12-19	N	0.1	2022-06-08	N	0.01	2020-12-15	N	N	N	0.1896	0.0294	Decreasing	-	-	0.02	0.01	0.0258	ug/L
Accommodation Area (Source)																										
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW289	25	28	100%	Y	2017-09-18	2025-09-19	2017-09-18	N	1.06	2023-03-14	N	0.05	2025-09-19	Y	N	Y	0.1545	0.0438	Increasing	-	-	0.41	0.32	0.2569	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW289	25	27	100%	Y	2017-09-18	2025-09-19	2017-09-18	N	2.37	2020-09-21	N	0.34	2022-06-08	N	N	Y	0.1226	0.0292	Decreasing	-	-	1.25	1.35	0.5289	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW289	25	28	84%	Y	2017-09-18	2025-09-19	2017-09-18	N	0.05	2022-01-13	N	0.008	2017-11-15	N	N	N	0.1463	0.0555	No Trend	0.56	Consistent	0.03	0.03	0.0159	ug/L
Sum of PFHxS and PFOS	Groundwater	MW289	20	23	100%	Y	2020-03-30	2025-09-19	2020-03-30	N	3.08	2020-09-21	N	0.62	2020-03-30	N	N	N	0.0004	0.3247	No Trend	0.44	Consistent	1.61	1.58	0.7063	ug/L
Dredged Sediments (Source)																										
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW268	27	31	100%	Y	2017-08-01	2025-09-17	2017-08-01	N	0.85	2025-06-03	N	0.25	2024-05-28	N	N	Y	0.0974	0.4917	No Trend	0.38	Consistent	0.45	0.4	0.1702	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW268	26	30	31%	Y	2017-08-01	2025-09-17	2017-09-19	N	0.04	2019-12-19	N	0.001	2017-08-01	N	N	N	0.0121	0.0283	Increasing	-	-	0.01	0.01	0.0085	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW268	24	27	21%	Y	2017-08-01	2025-09-17	2017-08-01	N	0.01	2025-06-03	N	0.002	2017-08-01	N	N	N	0.6258	0.0012	Increasing	-	-	0.01	0.01	0.0029	ug/L
Sum of PFHxS and PFOS	Groundwater	MW268	22	25	100%	Y	2019-12-19	2025-09-17	2019-12-19	N	0.87	2025-06-03	N	0.2	2020-12-14	N	N	Y	0.1152	0.3257	No Trend	0.45	Consistent	0.45	0.36	0.2009	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW269	28	31	100%	Y	2017-08-01	2025-09-17	2017-08-01	N	1.03	2019-12-19	N	0.18	2017-12-07	N	N	Y	0.004	0.3908	No Trend	0.44	Consistent	0.4	0.36	0.176	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW269	27	29	100%	Y	2017-09-19	2025-09-17	2017-09-19	N	0.79	2024-05-29	N	0.082	2017-12-07	N	N	Y	0.1898	0.0301	Increasing	-	-	0.45	0.44	0.1882	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW269	24	27	71%	Y	2017-10-16	2025-09-17	2017-10-16	N	0.03	2024-12-13	N	0.007	2018-01-16	N	N	Y	0.2631	0.0008	Increasing	-	-	0.01	0.01	0.0054	ug/L
Sum of PFHxS and PFOS	Groundwater	MW269	22	25	100%	Y	2019-12-19	2025-09-17	2019-12-19	N	1.56	2019-12-19	N	0.29	2022-12-13	N	N	Y	0.0163	0.5000	No Trend	0.32	Consistent	0.91	0.98	0.2868	ug/L
AVCAT Storage Area and Fuel Farm (Source)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW233	26	29	100%	Y	2017-08-08	2025-09-16	2017-08-08	N	0.53	2018-01-19	N	0.03	2023-09-04	N	N	Y	0.4028	0.0007	Decreasing	-	-	0.19	0.145	0.1389	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW233	26	29	27%	Y	2017-08-08	2025-09-16	2017-08-08	N	0.04	2018-01-19	N	0.005	2017-08-08	N	N	N	0.0338	0.3752	No Trend	0.56	Consistent	0.01	0.01	0.0061	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW233	25	28	88%	Y	2017-08-08	2025-09-16	2017-08-08	N	0.21	2017-08-08	N	0.01	2022-01-10	N	N	N	0.7018	0.0000	Decreasing	-	-	0.07	0.05	0.0605	ug/L
Sum of PFHxS and PFOS	Groundwater	MW233	20	23	100%	Y	2020-03-30	2025-09-16	2020-03-30	N	0.41	2021-08-30	N	0.04	2023-06-06	N	N	Y	0.2924	0.0021	Decreasing	-	-	0.18	0.15	0.1284	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW236	25	29	100%	Y	2017-08-08	2025-09-17	2017-08-08	N	84.7	2022-06-07	N	12.	2017-08-08	N	N	Y	0.2917	0.0324	Increasing	-	-	43.46	49.9	20.7582	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW236	24	27	100%	Y	2017-08-08	2025-09-17	2017-08-08	N	2.41	2022-01-10	N	0.99	2017-11-21	N	N	Y	0.2754	0.0065	Increasing	-	-	1.5	1.425	0.403	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW236	22	25	100%	Y	2017-08-08	2025-09-17	2017-08-08	N	48.1	2022-09-06	N	10.8	2025-06-12	N	N	Y	0.2242	0.0010	Decreasing	-	-	21.72	18.95	9.5594	ug/L
Sum of PFHxS and PFOS	Groundwater	MW236	19	23	100%	Y	2020-04-02	2025-09-17	2020-04-02	N	117.	2022-09-06	N	49.1	2025-09-17	Y	N	Y	0.1281	0.0399	Decreasing	-	-	72.96	69.3	17.9385	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Gro

General information																		Linear Regression	Mann-Kendall							Unit
Chemical	Media	Location Code	# Sampling Events	# Results	% Detects	Any Detects	Date First Sample	Date Latest Sample	Date First Detect	Is Latest Result First Detect? (Y/N)	Highest Result (Detects Only)	Date of Highest Result (Detects Only)	Is Latest Result Highest? (Detects Only) (Y/N)	Lowest Result (Detects & Non-Detects))	Date of Lowest Result (Detects & Non-Detects)	Is Latest Result Lowest? (Detects & Non-Detects) (Y/N)	Is Latest First Exceedance? (Detects Only) (Y/N)	Most Recent Is Detect (Y/N)	R^2 of Trend	Mann-Kendall p-Value	Mann-Kendall Trend	Coefficient of Variation (CV)	Consistent or Variable	Average Result	Median Result	Std Deviation	Unit
Sum of PFHxS and PFOS	Groundwater	MW243	19	22	89%	Y	2020-04-01	2025-09-17	2020-07-16	N	0.77	2021-06-10	N	0.01	2020-04-01	N	N	Y	0.0161	0.1302	No Trend	1.35	Variable	0.17	0.08	0.2336	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW245	28	32	96%	Y	2017-08-04	2025-09-17	2017-08-04	N	0.62	2017-08-04	N	0.01	2024-05-29	N	N	Y	0.7405	0.0000	Decreasing	-	-	0.15	0.065	0.1718	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW245	27	31	67%	Y	2017-08-04	2025-09-17	2017-08-04	N	0.2	2017-11-21	N	0.01	2022-01-12	N	N	N	0.4997	0.0000	Decreasing	-	-	0.05	0.03	0.0604	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW245	25	28	12%	Y	2017-08-04	2025-09-17	2017-08-04	N	0.022	2017-08-04	N	0.006	2018-01-19	N	N	N	0.0249	0.2798	No Trend	0.26	Consistent	0.01	0.01	0.0026	ug/L
Sum of PFHxS and PFOS	Groundwater	MW245	17	21	94%	Y	2020-04-01	2025-09-17	2020-04-01	N	0.34	2020-07-16	N	0.01	2024-05-29	N	N	Y	0.4332	0.0003	Decreasing	-	-	0.08	0.04	0.0984	ug/L
Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage (Source)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW255	25	28	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	1.3	2017-12-08	N	0.14	2022-06-09	N	N	Y	0.6617	0.0000	Decreasing	-	-	0.63	0.55	0.3324	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW255	25	29	96%	Y	2017-08-04	2025-09-15	2017-08-04	N	0.06	2020-09-22	N	0.01	2021-06-10	N	N	Y	0.0077	0.4905	No Trend	0.40	Consistent	0.04	0.03	0.0142	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW255	24	27	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	14.2	2020-09-22	N	0.55	2022-03-17	N	N	Y	0.2101	0.0053	Increasing	-	-	4.46	2.45	4.4162	ug/L
Sum of PFHxS and PFOS	Groundwater	MW255	19	23	100%	Y	2020-07-16	2025-09-15	2020-07-16	N	15.3	2020-09-22	N	0.87	2022-03-17	N	N	Y	0.0506	0.1315	No Trend	0.75	Consistent	6.07	4.86	4.5507	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW256	27	31	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	2.34	2021-06-10	N	0.093	2017-09-13	N	N	Y	0.0522	0.0194	Increasing	-	-	0.48	0.34	0.472	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW256	24	27	100%	Y	2017-09-13	2025-09-15	2017-09-13	N	36.2	2021-06-10	N	2.4	2017-11-21	N	N	Y	0.0466	0.0717	No Trend	0.79	Consistent	9.14	7.025	7.2185	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW256	23	26	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	38.8	2021-06-10	N	0.49	2017-08-04	N	N	Y	0.1762	0.0000	Increasing	-	-	8.27	6.42	9.3941	ug/L
Sum of PFHxS and PFOS	Groundwater	MW256	17	21	100%	Y	2020-09-22	2025-09-15	2020-09-22	N	75.	2021-06-10	N	6.95	2022-12-13	N	N	Y	0.0121	0.2419	No Trend	0.80	Consistent	19.62	14.	15.7498	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW257	25	28	96%	Y	2017-09-13	2025-09-15	2017-09-13	N	1.61	2024-05-28	N	0.01	2017-09-13	N	N	Y	0.1995	0.0003	Increasing	-	-	0.33	0.07	0.4806	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW257	24	28	79%	Y	2017-08-04	2025-09-15	2017-09-13	N	0.13	2025-03-18	N	0.001	2017-08-04	N	N	Y	0.0894	0.0089	Increasing	-	-	0.03	0.01	0.0342	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW257	23	26	83%	Y	2017-08-04	2025-09-15	2017-08-04	N	0.41	2025-03-18	N	0.008	2018-01-19	N	N	Y	0.2362	0.0033	Increasing	-	-	0.12	0.06	0.1287	ug/L
Sum of PFHxS and PFOS	Groundwater	MW257	19	22	100%	Y	2019-12-19	2025-09-15	2019-12-19	N	1.69	2024-05-28	N	0.03	2020-12-16	N	N	Y	0.2363	0.0023	Increasing	-	-	0.54	0.37	0.5426	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW258	18	22	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	29.5	2024-05-28	N	1.41	2025-09-15	Y	N	Y	0.0005	0.5000	No Trend	0.67	Consistent	10.11	10.	6.7551	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW258	18	22	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	1.55	2024-05-28	N	0.06	2022-06-08	N	N	Y	0.0089	0.3522	No Trend	0.65	Consistent	0.5	0.495	0.3285	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW258	13	17	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	11.1	2024-12-13	N	2.06	2022-06-08	N	N	Y	0.022	0.2705	No Trend	0.46	Consistent	6.53	5.3	3.0024	ug/L
Sum of PFHxS and PFOS	Groundwater	MW258	11	15	100%	Y	2022-06-08	2025-09-15	2022-06-08	N	34.4	2024-05-28	N	4.37	2023-09-05	N	N	Y	0.0498	0.2181	No Trend	0.59	Consistent	17.25	18.7	10.1962	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW259	27	30	93%	Y	2017-08-04	2025-09-15	2017-08-04	N	7.9	2018-01-19	N	0.01	2022-01-11	N	N	Y	0.6601	0.0000	Decreasing	-	-	1.18	0.09	2.0039	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW259	25	28	100%	Y	2017-08-04	2025-09-15	2017-08-04	N	23.	2017-12-08	N	0.05	2025-09-15	Y	N	Y	0.6461	0.0000	Decreasing	-	-	4.17	0.18	7.5125	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW259	23	27	30%	Y	2017-08-04	2025-09-15	2017-08-04	N	0.56	2018-01-19	N	0.01	2020-12-16	N	N	N	0.5255	0.0000	Decreasing	-	-	0.07	0.01	0.1352	ug/L
Sum of PFHxS and PFOS	Groundwater	MW259	19	22	100%	Y	2020-07-16	2025-09-15	2020-07-16	N	3.2	2020-07-16	N	0.07	2025-09-15	Y	N	Y	0.3761	0.0001	Decreasing	-	-	0.49	0.17	0.832	ug/L
Fire Training Area (Pathway)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW124	28	35	32%	Y	2017-03-08	2025-09-19	2017-03-08	N	0.17	2021-06-08	N	0.005	2017-12-06	N	N	Y	0.0012	0.3803	No Trend	1.90	Variable	0.02	0.01	0.0303	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW124	27	35	33%	Y	2017-03-08	2025-09-19	2017-03-08	N	1.57	2021-06-08	N	0.003	2017-11-16	N	N	N	0.	0.2950	No Trend	4.33	Variable	0.07	0.01	0.3	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW124	25	30	8%	Y	2017-03-08	2025-09-19	2017-10-18	N	0.05	2021-06-08	N	0.001	2017-03-08	N	N	N	0.1002	0.0012	Increasing	-	-	0.01	0.01	0.0092	ug/L
Sum of PFHxS and PFOS	Groundwater	MW124	20	22	15%	Y	2020-01-09	2025-09-19	2020-09-22	N	0.01	2020-09-22	N	0.01	2020-01-09	N	N	Y	0.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW125	29	35	52%	Y	2017-03-08	2025-09-09	2017-03-08	N	0.04	2020-03-30	N	0.001	2017-11-16	N	N	Y	0.0231	0.4164	No Trend	0.72	Consistent	0.01	0.01	0.0099	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW125	29	36	14%	Y	2017-03-08	2025-09-09	2017-03-08	N	0.002	2017-03-08	N	0.001	2017-09-20	N	N	N	0.6329	0.0002	Increasing	-	-	0.01	0.01	0.0036	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW125	24	32	96%	Y	2017-03-08	2025-09-09	2017-03-08	N	1.14	2025-03-19	N	0.02	2020-07-15	N	N	Y	0.1275	0.0682	No Trend	0.67	Consistent	0.42	0.335	0.2831	ug/L
Sum of PFHxS and PFOS	Groundwater	MW125	21	24	100%	Y	2020-01-09	2025-09-09	2020-01-09	N	1.14	2025-03-19	N	0.01	2020-07-15	N	N	Y	0.0396	0.2831	No Trend	0.61	Consistent	0.48	0.43	0.2919	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW126	27	36	30%	Y	2017-03-08	2025-09-09	2017-03-08	N	0.02	2020-09-22	N	0.003	2017-11-16	N	N	N	0.0238	0.2843	No Trend	0.45	Consistent	0.01	0.01	0.0053	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW126	25	34	0%	N	2017-03-08	2025-09-09		N			N	0.001	2017-03-08	N	N	N	0.6469	0.0002	Increasing	-	-	0.01	0.01	0.0039	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW126	24	31	38%	Y	2017-03-08	2025-09-09	2017-03-08	N	0.02	2020-09-22	N	0.005	2017-09-20	N	N	N	0.0373	0.0722	No Trend	0.39	Consistent	0.01	0.01	0.0043	ug/L
Sum of PFHxS and PFOS	Groundwater	MW126	21	23	14%	Y	2020-03-31	2025-09-09	2020-09-22	N	0.32	2021-06-08	N	0.01	2020-03-31	N	N	N	0.0319	0.3629	No Trend	2.45	Variable	0.03	0.01	0.0676	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW127	27	34	22%	Y	2017-09-20	2025-09-09	2017-09-20	N	0.02	2025-09-09	Y	0.003	2017-12-06	N	N	Y	0.5317	0.0001	Increasing	-	-	0.01	0.01	0.003	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW127	25	32	36%	Y	2017-03-08	2025-09-09	2017-03-08	N	0.03	2025-09-09	Y	0.003	2017-09-20	N	N	Y	0.2278	0.0404	Increasing	-	-	0.01	0.01	0.0074	ug/L
Sum of PFHxS and PFOS	Groundwater	MW127	22	25	14%	Y	2020-01-08	2025-09-09	2024-12-18	N	0.05	2025-09-09	Y	0.01	2020-01-08	N	N	Y	0.2615	0.0038	Increasing	-	-	0.01	0.01	0.0088	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW127	20	25	5%	Y	2017-09-20	2025-09-09	2017-10-18	N	0.002	2017-10-18	N	0.001	2017-09-20	N	N	N	0.6966	0.0009	Increasing	-	-	0.01	0.01	0.0039	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW128	18	25	94%	Y	2017-03-08	2025-09-19	2017-03-08	N	0.82	2017-03-08	N	0.01	2023-12-12	N	N	Y	0.1592	0.0009	Decreasing	-	-	0.16	0.091	0.2023	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW128	16	22	56%	Y	2017-03-08	2025-09-19	2017-03-08	N	0.14	2017-03-08	N	0.01	2023-09-05	N	N	N	0.3199	0.0003	Decreasing	-	-	0.03	0.0195	0.0361	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW128	14	21	100%	Y	2017-09-20	2025-09-19	2017-09-20	N	7.38	2022-09-05	N	0.64	2024-05-29	N	N	Y	0.3774	0.0009	Decreasing	-	-	2.84	1.565	2.2443	ug/L
Sum of PFHxS and PFOS	Groundwater	MW128	12	14	92%	Y	2022-06-08	2025-09-19	2022-06-08	N	7.79	2022-09-05	N	0.01	2023-12-12	N	N	Y	0.5962	0.0082	Decreasing	-	-	2.55	1.32	2.7521	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW335	24	28	58%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.14	2023-03-13	N	0.003	2018-04-13	N	N	N	-	-	-	-	-	0.03	0.01	0.0291	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW335	22	26	0%	N	2018-04-13	2025-09-09		N			N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.	0.01	0.0019	ug/L
Sum of PFHxS and PFOS	Porewater	PW335	22	25	59%	Y	2020-03-30	2025-09-09	2020-03-30	N	0.14	2023-03-13	N	0.01	2020-09-22	N	N	N	-	-	-	-	-	0.03	0.01	0.03	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW335	19	23	0%	N	2020-01-09	2025-09-09		N			N	0.01	2022-01-10	N	N	N	-	-	-	-	-	0.	0.01	0.005	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW340	21	25	0%	N	2018-04-13	2025-09-09		N			N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.	0.01	0.002	ug/L
Sum of PFHxS and PFOS	Porewater	PW340	21	23	71%	Y	2020-01-09	2025-09-09	2020-01-09	N	0.28	2021-03-15	N	0.01	2020-03-30	N	N	N	-	-	-	-	-	0.06	0.02	0.059	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW340	20	21	10%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.06	2022-12-12	N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0118	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW340	20	23	70%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.28	2021-03-15	N	0.003	2018-04-13	N	N	N	-	-	-	-	-	0.06	0.02	0.0594	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW341	22	26	9%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.02	2022-09-05	N	0.004	2018-04-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0053	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW341	22	24	59%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.04	2021-03-15	N	0.004	2018-04-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0076	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW341	21	25	0%	N	2018-04-13	2025-09-09		N			N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.	0.01	0.002	ug/L
Sum of PFHxS and PFOS	Porewater	PW341	21	24	57%	Y	2020-01-08	2025-09-09	2020-09-22	N	0.04	2021-03-15	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.0093	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW362	22	25	5%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.006	2018-04-13	N	0.006	2018-04-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0051	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW362	22	26	41%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.23	2021-03-15	N	0.009	2018-04-13	N	N	N	-	-	-	-	-	0.05	0.01	0.0469	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW362	22	26	0%	N	2018-04-13	2025-09-09		N			N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.	0.01	0.0019	ug/L
Sum of PFHxS and PFOS	Porewater	PW362	21	25	38%	Y	2020-01-08	2025-09-09	2020-09-22	N	0.23	2021-03-15	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.05	0.01	0.0479	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW363	23	27	57%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.06	2022-03-14	N	0.002	2018-04-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0126	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW363	22	26	5%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.004	2018-04-13	N	0.004	2018-04-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0053	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW363	21	25	0%	N	2018-04-13	2025-09-09		N			N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.	0.01	0.002	ug/L
Sum of PFHxS and PFOS	Porewater	PW363	21	22	57%	Y	2020-01-08	2025-09-09	2020-03-31	N	0.06	2022-03-14	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.0128	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW364	24	28	4%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.006	2018-04-13	N	0.002	2025-09-09	Y	N	N	-	-	-	-	-	0.01	0.01	0.0055	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW364	22	26	64%	Y	2018-04-13	2025-09-09	2018-04-13	N	0.04	2021-03-15	N	0.002	2025-09-09	Y	N	N	-	-	-	-	-	0.01	0.01	0.0098	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW364	20	24	0%	N	2018-04-13	2025-09-09		N			N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.	0.01	0.0026	ug/L
Sum of PFHxS and PFOS	Porewater	PW364	19	21	68%	Y	2020-01-09	2025-09-09	2020-07-15	N	0.04	2021-03-15	N	0.002	2025-09-09	Y	N	N	-	-	-	-	-	0.01	0.01	0.0089	ug/L
Demolition Ground (Pathway)																										
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW357	22	24	0%	N	2020-01-10	2025-09-23		N			N	0.01	2022-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.0048	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW357	22	24	9%	Y	2018-04-12	2025-09-23	2018-04-12	N	0.01	2024-03-11	N	0.002	2018-04-12	N	N	N	-	-	-	-	-	0.01	0.01	0.0017	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW357	21	23	0%	N	2018-04-12	2025-09-23		N			N	0.001	2018-04-12	N	N	N	-	-	-	-	-	0.01	0.01	0.002	ug/L
Sum of PFHxS and PFOS	Porewater	PW357	17	19	6%	Y	2020-01-10	2025-09-23	2024-03-11	N	0.01	2024-03-11	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW358	22	23	0%	N	2018-04-12	2025-09-23		N			N	0.001	2018-04-12	N	N	N	-	-	-	-	-	0.01	0.01	0.0052	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW358	22	24	9%	Y	2018-04-12	2025-09-23	2018-04-12	N	0.01	2023-06-07	N	0.001	2018-04-12	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW358	21	23	0%	N	2018-04-12	2025-09-23		N			N	0.001	2018-04-12	N	N	N	-	-	-	-	-	0.01	0.01	0.002	ug/L
Sum of PFHxS and PFOS	Porewater	PW358	21	23	5%	Y	2020-01-10	2025-09-23	2023-06-07	N	0.01	2023-06-07	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Wastewater Treatment Plant (Pathway)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW158	22	24	5%	Y	2017-08-07	2025-06-09	2020-01-08	N	0.02	2020-01-08	N	0.001	2017-08-07	N	N	N	0.0255	0.5000	No Trend	0.29	Consistent	0.01	0.01	0.0029	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW158	18	20	0%	N	2020-01-08	2025-06-09		N			N	0.01	2022-03-15	N	N	N	0.7746	0.0003	Decreasing	-	-	0.01	0.01	0.005	ug/L
Sum of PFHxS and PFOS	Groundwater	MW158	18	20	6%	Y	2020-01-08	2025-06-09	2020-01-08	N	0.02	2020-01-08	N	0.01	2020-03-31	N	N	N	0.1488	0.0615	No Trend	0.22	Consistent	0.01	0.01	0.0024	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW158	17	19	0%	N	2020-03-31	2025-06-09		N			N	0.01	2020-03-31	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW161	26	28	100%	Y	2017-09-18	2025-09-23	2017-09-18	N	0.23	2020-07-21	N	0.01	2025-09-23	Y	N	Y	0.207	0.0006	Decreasing	-	-	0.07	0.062	0.058	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW161	24	25	100%	Y	2017-08-07	2025-09-23	2017-08-07	N	2.53	2020-07-21	N	0.08	2023-06-06	N	N	Y	0.138	0.0075	Decreasing	-	-	0.63	0.375	0.6121	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW161	24	26	100%	Y	2017-08-07	2025-09-23	2017-08-07	N	16.1	2020-01-08	N	0.37	2025-03-12	N	N	Y	0.4798	0.0000	Decreasing	-	-	5.78	5.525	3.9098	ug/L
Sum of PFHxS and PFOS	Groundwater	MW161	22	23	100%	Y	2020-01-08	2025-09-23	2020-01-08	N	16.8	2020-01-08	N	0.624	2024-06-13	N	N	Y	0.8251	0.0000	Decreasing	-	-	5.58	4.54	4.6414	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW166	28	30	100%	Y	2017-08-07	2025-09-23	2017-08-07	N	2.52	2025-06-09	N	0.2	2023-12-12	N	N	Y	0.0695	0.0802	No Trend	0.69	Consistent	0.84	0.705	0.5824	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW166	26	27	100%	Y	2017-08-07	2025-09-23	2017-08-07	N	14.8	2020-04-01	N	1.7	2017-11-15	N	N	Y	0.0376	0.3539	No Trend	0.59	Consistent	6.04	5.895	3.5503	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW166	26	27	100%	Y	2017-09-18	2025-09-23	2017-09-18	N	0.24	2025-06-09	N	0.02	2023-12-12	N	N	Y	0.0844	0.1114	No Trend	0.46	Consistent	0.1	0.09	0.045	ug/L
Sum of PFHxS and PFOS	Groundwater	MW166	22	24	100%	Y	2020-01-08	2025-09-23	2020-01-08	N	15.9	2020-04-01	N	3.5	2023-12-12	N	N	Y	0.3382	0.0009	Decreasing	-	-	7.79	7.905	2.8088	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW171	26	28	62%	Y	2017-08-07	2025-09-23	2017-08-07	N	0.44	2025-03-12	N	0.01	2020-04-01	N	N	Y	0.0135	0.0513	No Trend	0.98	Consistent	0.15	0.13	0.1492	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW171	25	27	76%	Y	2017-08-07	2025-09-23	2017-08-07	N	2.65	2025-06-09	N	0.01	2020-04-01	N	N	Y	0.3698	0.0237	Increasing	-	-	0.6	0.17	0.9098	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW171	22	24	100%	Y	2017-08-07	2025-09-23	2017-08-07	N	6.95	2025-06-09	N	0.03	2022-03-15	N	N	Y	0.0217	0.0096	Increasing	-	-	2.67	2.48	2.4522	ug/L
Sum of PFHxS and PFOS	Groundwater	MW171	17	19	94%	Y	2020-04-01	2025-09-23	2020-04-01	N	9.6	2025-06-09	N	0.01	2021-06-10	N	N	Y	0.733	0.0003	Increasing	-	-	3.19	0.55	3.6701	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW196	15	17	7%	Y	2017-08-08	2025-09-18	2023-03-13	N	0.04	2023-03-13	N	0.001	2017-08-08	N	N	N	0.0944	0.0639	No Trend	0.72	Consistent	0.01	0.01	0.0082	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW196	14	16	7%	Y	2017-08-08	2025-09-18	2017-08-08	N	0.002	2017-08-08	N	0.002	2017-08-08	N	N	N	0.0433	0.0506	No Trend	0.45	Consistent	0.01	0.01	0.0058	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW196	14	16	0%	N	2020-04-02	2025-09-18		N			N	0.01	2020-04-02	N	N	N	0.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Groundwater	MW196	14	16	7%	Y	2020-04-02	2025-09-18	2023-03-13	N	0.04	2023-03-13	N	0.01	2020-04-02	N	N	N	0.0232	0.2284	No Trend	0.66	Consistent	0.01	0.01	0.008	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW199	24	28	21%	Y	2017-08-08	2025-09-18	2017-08-08	N	0.03	2020-01-08	N	0.001	2017-10-19	N	N	N	0.0571	0.1914	No Trend	0.67	Consistent	0.01	0.01	0.0071	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW199	24	28	4%	Y	2017-08-08	2025-09-18	2017-12-

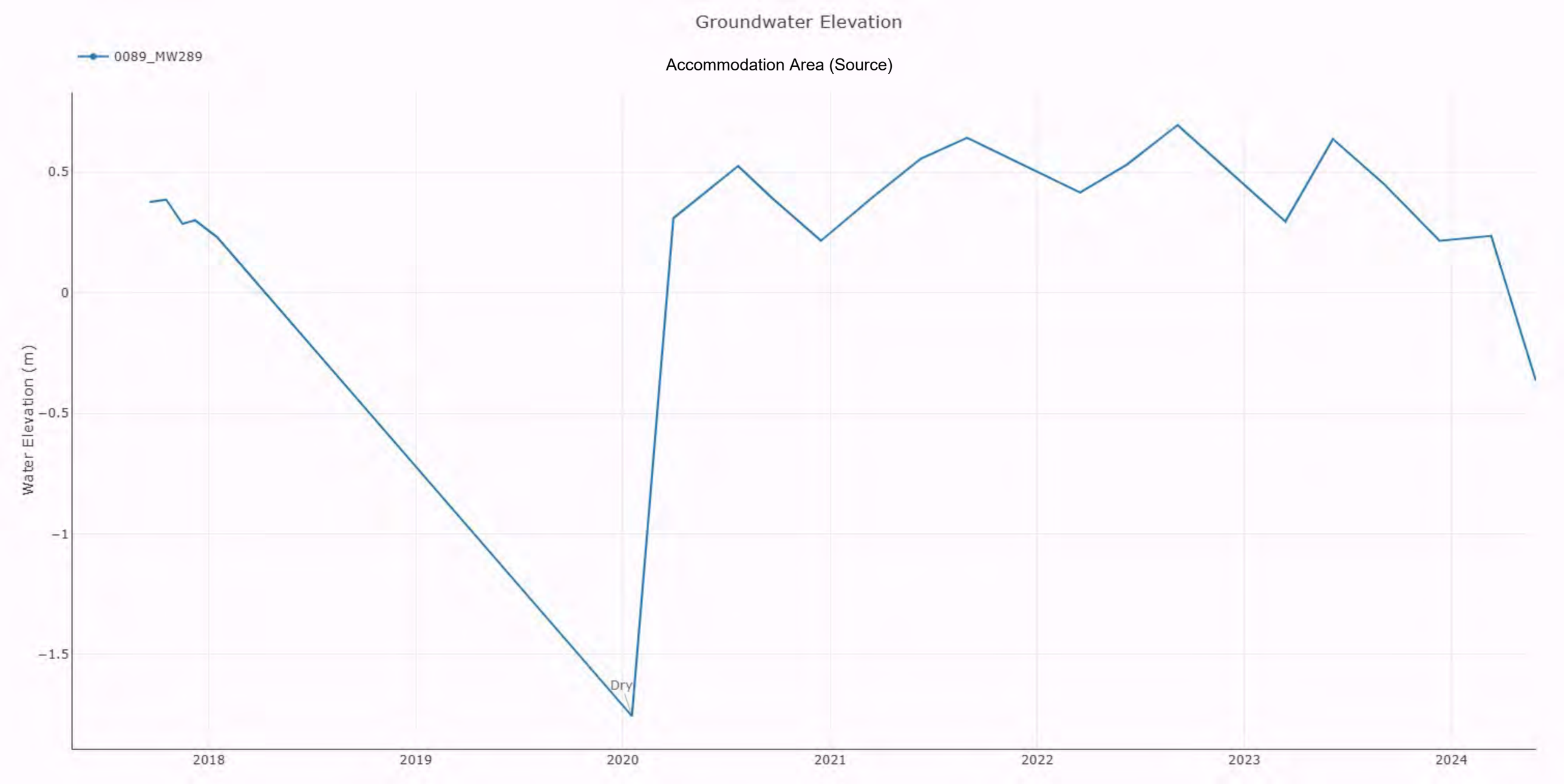
General information																			Linear Regression	Mann-Kendall							Unit
Chemical	Media	Location Code	# Sampling Events	# Results	% Detects	Any Detects	Date First Sample	Date Latest Sample	Date First Detect	Is Latest Result First Detect? (Y/N)	Highest Result (Detects Only)	Date of Highest Result (Detects Only)	Is Latest Result Highest? (Detects Only) (Y/N)	Lowest Result (Detects & Non-Detects))	Date of Lowest Result (Detects & Non-Detects)	Is Latest Result Lowest? (Detects & Non-Detects) (Y/N)	Is Latest First Exceedance? (Detects Only) (Y/N)	Most Recent Is Detect (Y/N)	R^2 of Trend	Mann-Kendall p-Value	Mann-Kendall Trend	Coefficient of Variation (CV)	Consistent or Variable	Average Result	Median Result	Std Deviation	Unit
Perfluorooctanoic acid (PFOA)	Groundwater	MW468	5	8	0%	N	2024-05-29	2025-09-18		N			N	0.01	2024-05-29	N	N	N	1.	0.500	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW468	4	8	0%	N	2024-12-18	2025-09-18		N			N	0.01	2024-12-18	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Groundwater	MW468	5	9	0%	N	2024-05-29	2025-09-18		N			N	0.01	2024-05-29	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW304	23	26	4%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.003	2018-04-17	N	0.003	2018-04-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0015	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW304	22	25	23%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.02	2022-09-05	N	0.005	2018-04-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0053	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW304	22	25	73%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.09	2020-01-08	N	0.01	2020-04-01	N	N	N	-	-	-	-	-	0.03	0.02	0.0236	ug/L
Sum of PFHxS and PFOS	Porewater	PW304	22	25	68%	Y	2020-01-08	2025-09-12	2020-01-08	N	0.09	2020-01-08	N	0.01	2020-04-01	N	N	N	-	-	-	-	-	0.03	0.02	0.0251	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW345	22	24	9%	Y	2018-04-13	2025-09-12	2018-04-13	N	0.11	2018-04-13	N	0.01	2022-01-10	N	N	N	-	-	-	-	-	0.02	0.01	0.0213	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW345	21	24	76%	Y	2018-04-13	2025-09-12	2018-04-13	N	0.19	2022-03-14	N	0.01	2021-09-01	N	N	N	-	-	-	-	-	0.03	0.02	0.0392	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW345	19	22	0%	N	2018-04-13	2025-09-12		N			N	0.001	2018-04-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0021	ug/L
Sum of PFHxS and PFOS	Porewater	PW345	19	22	79%	Y	2020-01-09	2025-09-12	2020-01-09	N	0.19	2022-03-14	N	0.01	2021-09-01	N	N	N	-	-	-	-	-	0.03	0.02	0.0409	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW350	23	26	39%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.14	2018-04-19	N	0.01	2020-04-02	N	N	N	-	-	-	-	-	0.02	0.01	0.0316	ug/L
Sum of PFHxS and PFOS	Porewater	PW350	23	25	43%	Y	2020-01-30	2025-09-11	2020-01-30	N	0.11	2020-07-21	N	0.01	2020-04-02	N	N	N	-	-	-	-	-	0.02	0.01	0.0225	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW350	20	22	5%	Y	2020-01-30	2025-09-11	2022-09-07	N	0.01	2022-09-07	N	0.01	2022-01-11	N	N	N	-	-	-	-	-	0.01	0.01	0.0049	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW350	20	23	5%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.27	2018-04-19	N	0.01	2020-01-30	N	N	N	-	-	-	-	-	0.02	0.01	0.0581	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW351	21	23	5%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.21	2018-04-19	N	0.01	2022-01-11	N	N	N	-	-	-	-	-	0.02	0.01	0.0431	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW351	20	22	25%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.02	2023-03-15	N	0.006	2018-04-19	N	N	N	-	-	-	-	-	0.01	0.01	0.0025	ug/L
Sum of PFHxS and PFOS	Porewater	PW351	19	21	5%	Y	2020-01-30	2025-09-11	2021-03-17	N	0.01	2021-03-17	N	0.01	2020-01-30	N	N	N	-	-	-	-	-	0.01	0.01	0	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW351	18	20	0%	N	2018-04-19	2025-09-11		N			N	0.001	2018-04-19	N	N	N	-	-	-	-	-	0.01	0.01	0.0021	ug/L
Sum of PFHxS and PFOS	Porewater	PW352	23	26	22%	Y	2020-01-30	2025-09-11	2020-07-21	N	0.04	2023-12-14	N	0.01	2020-01-30	N	N	N	-	-	-	-	-	0.01	0.01	0.0076	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW352	22	25	23%	Y	2018-04-19	2025-09-11	2020-07-21	N	0.03	2020-07-21	N	0.001	2018-04-19	N	N	N	-	-	-	-	-	0.01	0.01	0.0068	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW352	22	25	0%	N	2018-04-19	2025-09-11		N			N	0.001	2018-04-19	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW352	20	23	10%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.034	2018-04-19	N	0.01	2022-01-11	N	N	N	-	-	-	-	-	0.01	0.01	0.0065	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW367	21	23	5%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.003	2018-04-17	N	0.003	2018-04-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0015	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW367	20	22	10%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.03	2022-06-07	N	0.003	2018-04-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0064	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW367	20	22	85%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.27	2022-06-07	N	0.01	2020-07-15	N	N	Y	-	-	-	-	-	0.04	0.02	0.061	ug/L
Sum of PFHxS and PFOS	Porewater	PW367	19	20	89%	Y	2020-01-08	2025-09-12	2020-01-08	N	0.3	2022-06-07	N	0.01	2021-03-15	N	N	Y	-	-	-	-	-	0.05	0.02	0.0694	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW368	24	26	4%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.009	2018-04-17	N	0.009	2018-04-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0002	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW368	23	26	87%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.27	2022-06-08	N	0.01	2020-04-01	N	N	N	-	-	-	-	-	0.06	0.03	0.0728	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW368	20	23	20%	Y	2020-01-08	2025-09-12	2020-12-15	N	0.06	2022-06-08	N	0.01	2022-01-11	N	N	Y	-	-	-	-	-	0.02	0.01	0.0114	ug/L
Sum of PFHxS and PFOS	Porewater	PW368	19	22	95%	Y	2020-01-08	2025-09-12	2020-01-08	N	0.33	2022-06-08	N	0.01	2020-04-01	N	N	Y	-	-	-	-	-	0.06	0.04	0.0737	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW369	22	25	86%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.6	2020-12-15	N	0.01	2020-03-31	N	N	Y	-	-	-	-	-	0.06	0.02	0.126	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW369	20	23	5%	Y	2020-01-09	2025-09-12	2020-12-15	N	0.09	2020-12-15	N	0.01	2022-01-10	N	N	N	-	-	-	-	-	0.02	0.01	0.0179	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW369	18	20	0%	N	2018-04-17	2025-09-12		N			N	0.001	2018-04-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0021	ug/L
Sum of PFHxS and PFOS	Porewater	PW369	18	20	83%	Y	2020-03-31	2025-09-12	2020-03-31	N	0.2	2022-06-07	N	0.01	2020-03-31	N	N	Y	-	-	-	-	-	0.04	0.02	0.0483	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW380	23	25	22%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.86	2018-04-19	N	0.01	2022-01-11	N	N	N	-	-	-	-	-	0.05	0.01	0.1763	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW380	22	25	5%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.001	2018-04-19	N	0.001	2018-04-19	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW380	19	22	42%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.08	2021-08-30	N	0.008	2018-04-19	N	N	N	-	-	-	-	-	0.02	0.01	0.0216	ug/L
Sum of PFHxS and PFOS	Porewater	PW380	19	22	42%	Y	2020-04-02	2025-09-11	2020-04-02	N	0.14	2021-08-30	N	0.01	2020-12-16	N	N	N	-	-	-	-	-	0.03	0.01	0.0355	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW381	21	24	19%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.02	2021-08-30	N	0.006	2018-04-19	N	N	N	-	-	-	-	-	0.01	0.01	0.0032	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW381	20	22	5%	Y	2018-04-19	2025-09-11	2018-04-19	N	1.4	2018-04-19	N	0.01	2022-03-14	N	N	N	-	-	-	-	-	0.08	0.01	0.3101	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW381	20	22	5%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.004	2018-04-19	N	0.004	2018-04-19	N	N	N	-	-	-	-	-	0.01	0.01	0.0013	ug/L
Sum of PFHxS and PFOS	Porewater	PW381	20	22	20%	Y	2020-01-30	2025-09-11	2020-07-21	N	0.05	2020-07-21	N	0.01	2020-01-30	N	N	N	-	-	-	-	-	0.01	0.01	0.0092	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW401	23	26	35%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.05	2020-07-21	N	0.01	2020-01-30	N	N	N	-	-	-	-	-	0.02	0.01	0.013	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW401	23	25	4%	Y	2018-04-19	2025-09-11	2018-04-19	N	0.032	2018-04-19	N	0.01	2020-01-30	N	N	N	-	-	-	-	-	0.01	0.01	0.0046	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW401	21	24	10%	Y	2020-01-30	2025-09-11	2020-07-21	N	0.02	2020-07-21	N	0.01	2022-01-11	N	N	N	-	-	-	-	-	0.01	0.01	0.0051	ug/L
Sum of PFHxS and PFOS	Porewater	PW401	21	24	38%	Y	2020-01-30	2025-09-11	2020-07-21	N	0.07	2020-07-21	N	0.01	2020-01-30	N	N	N	-	-	-	-	-	0.02	0.01	0.0181	ug/L
Helicopter Support Facility (Pathway)																											
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW214	15	19	0%	N	2017-08-02	2025-09-15		N			N	0.001	2017-08-02	N	N	N	0.1174	0.5000	No Trend	0.36	Consistent	0.01	0.01	0.0036	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW214	15	19	0%	N	2017-08-02	2025-09-15		N			N	0.001	2017-08-02	N	N	N	0.5833	0.0662	No Trend	0.25	Consistent	0.01	0.01	0.0023	ug/L
Sum of PFHxS and PFOS	Groundwater	MW214	15	19	0%	N	2021-09-01	2025-09-15		N			N	0.01	2021-09-01	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW214	13	17	0%	N	2021-09-01	2025-09-15		N			N	0.01	2021-09-01	N	N	N	0.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW225	20	23	15%	Y	2017-08-02	2025-09-15	2017-09-11	N	0.002	2017-11-17	N	0.001	2017-08-02	N	N	N	0.5831	0.0029	Increasing	-	-	0.01	0.01	0.005	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW225	20	22	15%	Y	2017-08-02	2025-09-15	2017-08-02	N	0.009	2017-09-11	N	0.001	2017-10-19	N	N	N	0.6896	0.0005	Increasing	-	-	0.01	0.01	0.0035	ug/L
Sum of PFHxS and PFOS	Groundwater	MW225	16	19	0%	N	2021-09-01	2025-09-15		N			N	0.01	2021-09-01	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW225	19	22	0%	N	2017-09-11	2025-09-15		N			N	0.001	2017-09-11	N	N	N	0.8638	0.0007	Increasing	-	-	0.01	0.01	0.0041	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW226	28	31	11%	Y	2017-08-02	2025-09-16	2017-08-02	N	0.002	2017-10-19	N	0.001	2017-08-02	N	N	N	0.646	0.0001	Increasing	-	-	0.01	0.01	0.0037	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW226	26	28	4%	Y	2017-08-02	2025-09-16	2017-11-17	N	0.001	2017-11-17	N	0.001	2017-08-02	N	N	N	0.6244	0.0004	Increasing	-	-	0.01	0.01	0.0036	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW226	28	31	46%	Y	2017-08-02	2025-09-16	2017-08-02	N	0.02	2022-03-16	N	0.002	2017-12-05	N	N	Y	0.1417	0.1813	No Trend	0.54	Consistent	0.01	0.01	0.0067	ug/L
Sum of PFHxS and PFOS	Groundwater	MW226	22	25	32%	Y	2020-01-14	2025-09-16	2022-03-16	N	0.02	2022-03-16	N	0.01	2020-01-14	N	N	Y	0.0849	0.1085	No Trend	0.33	Consistent	0.01	0.01	0.0039	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW227	26	29	4%	Y	2017-08-02	2025-09-23	2017-09-11	N	0.001	2017-09-11	N	0.001	2017-08-02	N	N	N	0.1298	0.2496	No Trend	0.65	Consistent	0.01	0.01	0.0069	ug/L
Sum of PFHxS and PFOS	Groundwater	MW227	21	23	0%	N	2020-04-01	2025-09-23		N			N	0.01	2020-04-01	N	N	N	0.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW227	26	29	0%	N	2017-08-02	2025-09-23		N			N	0.001	2017-08-02	N	N	N	0.6933	0.0001	Increasing	-	-	0.01	0.01	0.0039	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW227	24	27	17%	Y	2017-08-02	2025-09-23	2017-08-02	N	0.002	2017-08-02	N	0.001	2017-10-19	N	N	N	0.6728	0.0005	Increasing	-	-	0.01	0.01	0.0038	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW228	29	31	55%	Y	2017-08-02	2025-09-16	2021-08-31	N	0.35	2025-09-16	Y	0.001	2017-08-02	N	N	Y	0.6624	0.0000	Increasing	-	-	0.1	0.03	0.1211	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW228	27	29	67%	Y	2017-08-02	2025-09-16	2020-04-01	N	1.	2025-09-16	Y	0.001	2017-08-02	N	N	Y	0.669	0.0000	Increasing	-	-	0.23	0.11	0.2871	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW228	23	26	9%	Y	2017-08-02	2025-09-16	2017-09-11	N	0.03	2025-06-05	N	0.001	2017-08-02	N	N	N	0.4906	0.0002	Increasing	-	-	0.01	0.01	0.0058	ug/L
Sum of PFHxS and PFOS	Groundwater	MW228	21	23	81%	Y	2020-01-14	2025-09-16	2020-04-01	N	1.	2025-09-16	Y	0.01	2020-01-14	N	N	Y	0.8073	0.0000	Increasing	-	-	0.26	0.13	0.2929	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW306	22	23	0%	N	2018-04-18	2025-09-10		N			N	0.001	2018-04-18	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW306	21	24	0%	N	2020-01-10	2025-09-10		N			N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW306	20	23	0%	N	2018-04-18	2025-09-10		N			N	0.001	2018-04-18	N	N	N	-	-	-	-	-	0.01	0.01	0.0048	ug/L
Sum of PFHxS and PFOS	Porewater	PW306	20	23	0%	N	2020-01-10	2025-09-10		N			N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Porewater	PW307	22	23	5%	Y	2020-01-10	2025-09-10	2024-05-28	N	0.01	2024-05-28	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW307	21	23	0%	N	2018-04-30	2025-09-10		N			N	0.001	2018-04-30	N	N	N	-	-	-	-	-	0.01	0.01	0.002	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW307	20	22	10%	Y	2018-04-30	2025-09-10	2018-04-30	N	0.01	2024-05-28	N	0.001	2018-04-30	N	N	N	-	-	-	-	-	0.01	0.01	0.002	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW307	18	20	0%	N	2020-01-10	2025-09-10		N			N	0.01	2022-01-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0049	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW308	23	25	0%	N	2018-04-30	2025-09-10		N			N	0.001	2018-04-30	N	N	N	-	-	-	-	-	0.01	0.01	0.0055	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW308	20	22	10%	Y	2020-01-10	2025-09-10	2021-03-17	N	0.03	2022-06-07	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.0045	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW308	20	21	0%	N	2020-01-10	2025-09-10		N			N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Porewater	PW308	19	21	11%	Y	2020-01-10	2025-09-10	2021-03-17	N	0.03	2022-06-07	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.0046	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW314	22	23	0%	N	2018-04-18	2025-09-10		N			N	0.001	2018-04-18	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW314	21	22	0%	N	2018-04-18	2025-09-10		N			N	0.001	2018-04-18	N	N	N	-	-	-	-	-	0.01	0.01	0.0057	ug/L
Sum of PFHxS and PFOS	Porewater	PW314	19	20	0%	N	2020-01-10	2025-09-10		N			N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW314	17	18	0%	N	2018-04-18	2025-09-10		N			N	0.001	2018-04-18	N	N	N	-	-	-	-	-	0.01	0.01	0.0022	ug/L
Sum of PFHxS and PFOS	Porewater	PW315	21	23	5%	Y	2020-01-10	2025-09-10	2021-08-31	N	0.01	2021-08-31	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW315	20	22	10%	Y	2018-04-30	2025-09-10	2018-04-30	N	0.01	2021-08-31	N	0.001	2018-04-30	N	N	N	-	-	-	-	-	0.01	0.01	0.002	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW315	19	21	0%	N	2020-01-10	2025-09-10		N			N	0.01	2022-03-16	N	N	N	-	-	-	-	-	0.01	0.01	0.0051	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW315	18	20	0%	N	2020-01-10	2025-09-10		N			N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW316	20	22	5%	Y	2020-01-10	2025-09-10	2020-12-15	N	0.1	2020-12-15	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.0201	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW316	19	21	0%	N	2018-04-30	2025-09-10		N			N	0.001	2018-04-30	N	N	N	-	-	-	-	-	0.01	0.01	0.0055	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW316	18	20	0%	N	2020-01-10	2025-09-10		N			N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Porewater	PW316	17	19	6%	Y	2020-01-10	2025-09-10	2020-12-15	N	0.1	2020-12-15	N	0.01	2020-01-10	N	N	N	-	-	-	-	-	0.02	0.01	0.0218	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW405	21	24	5%	Y	2020-01-14	2025-09-16	2020-12-15	N	0.01	2020-12-15	N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW405	20	23	15%	Y	2020-01-14	2025-09-16	2023-03-14	N	0.16	2025-03-10	N	0.01	2022-01-14	N	N	N	-	-	-	-	-	0.02	0.01	0.0341	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW405	19	21	11%	Y	2020-01-14	2025-09-16	2024-12-19	N	0.08	2025-03-10	N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.0161	ug/L
Sum of PFHxS and PFOS	Porewater	PW405	19	22	16%	Y	2020-01-14	2025-09-16	2020-12-15	N	0.16	2025-03-10	N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.02	0.01	0.0357	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW407	22	25	0%	N	2020-01-14	2025-09-16		N			N	0.01	2022-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.0049	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW407	21	24	0%	N	2020-01-14	2025-09-16		N			N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW407	20	22	10%	Y	2020-04-01	2025-09-16	2020-04-01	N	0.02	2020-04-01	N	0.01	2020-07-22	N	N	N	-	-	-	-	-	0.01	0.01	0.0022	ug/L
Sum of PFHxS and PFOS	Porewater	PW407	20	23	10%	Y	2020-04-01	2025-09-16	2020-04-01	N	0.02	2020-04-01	N	0.01	2020-07-22	N	N	N	-	-	-	-	-	0.01	0.01	0.0022	ug/L
Sum of PFHxS and PFOS	Porewater	PW409	22	25	9%	Y	2020-01-14	2025-09-16	2021-06-10	N	0.01	2021-06-10	N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW409	21	24	10%	Y	2020-01-14	2025-09-16	2021-06-10	N	0.01	2021-06-10	N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW409	21	24	0%	N	2020-01-14	2025-09-16		N			N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW409	20	23	0%	N	2020-04-01	2025-09-16		N			N	0.01	2022-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.0044	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW411	22	25	0%	N	2020-01-14	2025-09-10		N			N	0.01	2022-03-16	N	N	N	-	-	-	-	-	0.01	0.01	0.0049	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW411	22	25	0%	N	2020-01-14	2025-09-10		N			N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW411	22	24	0%	N	2020-01-14	2025-09-10		N			N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Porewater	PW411	21	24	0%	N	2020-01-14	2025-09-10		N			N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW413	22	24	0%	N	2020-01-14	2025-09-10		N			N	0.01	2022-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.0048	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW413	21	24	0%	N	2020-01-14	2025-09-10		N			N	0.01	2020-01-14	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L

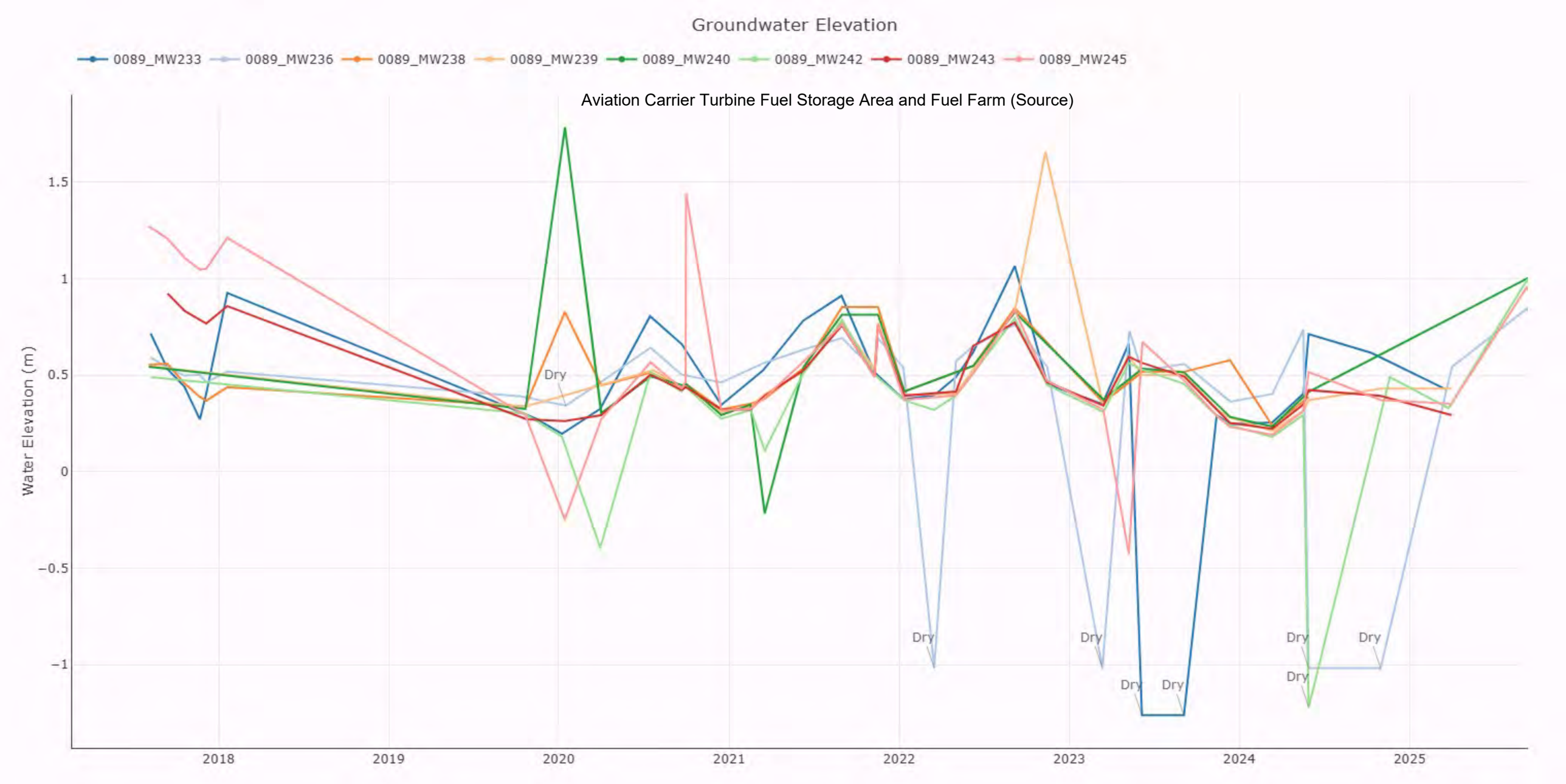
General information																		Linear Regression	Mann-Kendall							Unit
Chemical	Media	Location Code	# Sampling Events	# Results	% Detects	Any Detects	Date First Sample	Date Latest Sample	Date First Detect	Is Latest Result First Detect? (Y/N)	Highest Result (Detects Only)	Date of Highest Result (Detects Only)	Is Latest Result Highest? (Detects Only) (Y/N)	Lowest Result (Detects & Non-Detects))	Date of Lowest Result (Detects & Non-Detects)	Is Latest Result Lowest? (Detects & Non-Detects) (Y/N)	Is Latest First Exceedance? (Detects Only) (Y/N)	Most Recent Is Detect (Y/N)	R^2 of Trend	Mann-Kendall p-Value	Mann-Kendall Trend	Coefficient of Variation (CV)	Consistent or Variable	Average Result	Median Result	Std Deviation	Unit
Perfluorooctanoic acid (PFOA)	Groundwater	MW288	21	25	38%	Y	2017-09-18	2025-09-17	2017-09-18	N	0.12	2020-07-15	N	0.01	2022-01-12	N	N	N	0.7587	0.0002	Decreasing	-	-	0.04	0.01	0.0416	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW288	19	23	100%	Y	2017-09-18	2025-09-17	2017-09-18	N	12.	2020-07-15	N	0.12	2025-03-18	N	N	Y	0.8214	0.0000	Decreasing	-	-	3.91	1.25	4.0167	ug/L
Sum of PFHxS and PFOS	Groundwater	MW288	15	18	100%	Y	2020-07-15	2025-09-17	2020-07-15	N	13.1	2020-07-15	N	0.12	2025-03-18	N	N	Y	0.6797	0.0000	Decreasing	-	-	2.41	1.27	3.3395	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW346	23	26	35%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.06	2020-09-22	N	0.001	2018-04-17	N	N	N	-	-	-	-	-	0.02	0.01	0.013	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW346	21	23	90%	Y	2018-04-17	2025-09-12	2018-04-17	N	0.65	2020-09-22	N	0.006	2018-04-17	N	N	Y	-	-	-	-	-	0.15	0.05	0.2019	ug/L
Sum of PFHxS and PFOS	Porewater	PW346	21	24	100%	Y	2020-01-08	2025-09-12	2020-01-08	N	5.87	2022-12-12	N	0.01	2020-04-01	N	N	Y	-	-	-	-	-	1.43	0.59	1.7844	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW346	20	22	100%	Y	2018-04-17	2025-09-12	2018-04-17	N	5.54	2022-12-12	N	0.01	2020-04-01	N	N	Y	-	-	-	-	-	1.22	0.515	1.6326	ug/L
Dredged Sediments (Pathway)																										
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW374	23	26	52%	Y	2018-04-18	2025-09-16	2018-04-18	N	0.44	2020-03-30	N	0.007	2018-04-18	N	N	N	-	-	-	-	-	0.04	0.01	0.0903	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW374	22	24	0%	N	2018-04-18	2025-09-16		N			N	0.001	2018-04-18	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW374	20	23	5%	Y	2018-04-18	2025-09-16	2018-04-18	N	0.021	2018-04-18	N	0.01	2022-01-13	N	N	N	-	-	-	-	-	0.01	0.01	0.005	ug/L
Sum of PFHxS and PFOS	Porewater	PW374	18	21	50%	Y	2020-07-21	2025-09-16	2020-09-21	N	0.08	2021-06-10	N	0.01	2020-07-21	N	N	N	-	-	-	-	-	0.02	0.01	0.0255	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW375	23	26	70%	Y	2018-04-18	2025-09-16	2018-04-18	N	0.68	2024-05-28	N	0.003	2018-04-18	N	N	Y	-	-	-	-	-	0.08	0.01	0.1868	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW375	22	25	0%	N	2018-04-18	2025-09-16		N			N	0.001	2018-04-18	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW375	21	24	5%	Y	2020-01-08	2025-09-16	2025-03-10	N	0.02	2025-03-10	N	0.01	2022-01-13	N	N	N	-	-	-	-	-	0.01	0.01	0.0048	ug/L
Sum of PFHxS and PFOS	Porewater	PW375	21	23	67%	Y	2020-01-08	2025-09-16	2020-01-08	N	0.68	2024-05-28	N	0.01	2022-01-13	N	N	Y	-	-	-	-	-	0.08	0.02	0.1943	ug/L
Perfluorooctane sulfonic acid (PFOS)	Porewater	PW378	23	26	57%	Y	2018-04-17	2025-09-16	2018-04-17	N	0.12	2020-01-08	N	0.007	2018-04-17	N	N	N	-	-	-	-	-	0.03	0.01	0.0335	ug/L
Perfluorooctanoic acid (PFOA)	Porewater	PW378	22	25	5%	Y	2018-04-17	2025-09-16	2018-04-17	N	0.005	2018-04-17	N	0.005	2018-04-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0011	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Porewater	PW378	21	22	10%	Y	2018-04-17	2025-09-16	2018-04-17	N	0.02	2018-04-17	N	0.01	2022-01-13	N	N	N	-	-	-	-	-	0.01	0.01	0.005	ug/L
Sum of PFHxS and PFOS	Porewater	PW378	18	20	56%	Y	2020-03-30	2025-09-16	2020-03-30	N	0.1	2020-03-30	N	0.01	2020-09-21	N	N	N	-	-	-	-	-	0.03	0.02	0.0296	ug/L
AVCAT Storage Area and Fuel Farm (Pathway)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW249	27	30	100%	Y	2017-08-07	2025-06-04	2017-08-07	N	0.57	2017-09-13	N	0.02	2024-05-29	N	N	Y	0.6126	0.0000	Decreasing	-	-	0.16	0.09	0.1798	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW249	25	28	28%	Y	2017-08-07	2025-06-04	2017-08-07	N	0.083	2017-10-20	N	0.01	2020-03-30	N	N	N	0.6426	0.0000	Decreasing	-	-	0.02	0.01	0.0243	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW249	23	26	100%	Y	2017-08-07	2025-06-04	2017-08-07	N	1.8	2017-08-07	N	0.07	2020-07-16	N	N	Y	0.5775	0.0140	Decreasing	-	-	0.49	0.21	0.581	ug/L
Sum of PFHxS and PFOS	Groundwater	MW249	18	21	100%	Y	2020-01-08	2025-06-04	2020-01-08	N	1.29	2020-09-21	N	0.15	2025-03-17	N	N	Y	0.0859	0.3520	No Trend	0.84	Consistent	0.31	0.25	0.2562	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW496	12	16	100%	Y	2022-09-06	2025-09-16	2022-09-06	N	8.18	2024-12-13	N	5.28	2024-03-13	N	N	Y	0.0511	0.3659	No Trend	0.14	Consistent	7.02	7.03	0.9711	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW496	12	15	100%	Y	2022-09-06	2025-09-16	2022-09-06	N	0.16	2022-09-06	N	0.06	2025-09-16	Y	N	Y	0.3986	0.0263	Decreasing	-	-	0.09	0.095	0.0247	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW496	11	14	100%	Y	2022-09-06	2025-09-16	2022-09-06	N	1.85	2022-09-06	N	0.59	2025-09-16	Y	N	Y	0.4498	0.0434	Decreasing	-	-	1.01	0.99	0.319	ug/L
Sum of PFHxS and PFOS	Groundwater	MW496	10	14	100%	Y	2022-09-06	2025-09-16	2022-09-06	N	9.22	2023-06-06	N	6.01	2025-09-16	Y	N	Y	0.2444	0.0762	No Trend	0.14	Consistent	8.12	8.6	1.1528	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW516	22	26	95%	Y	2020-03-30	2025-09-16	2020-03-30	N	2.53	2020-09-21	N	0.02	2020-07-21	N	N	Y	0.3921	0.0014	Decreasing	-	-	0.94	0.83	0.6913	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW516	20	24	90%	Y	2020-03-30	2025-09-16	2020-03-30	N	0.2	2020-03-30	N	0.01	2020-07-21	N	N	Y	0.3718	0.0055	Decreasing	-	-	0.07	0.055	0.0545	ug/L
Sum of PFHxS and PFOS	Groundwater	MW516	20	24	95%	Y	2020-03-30	2025-09-16	2020-03-30	N	14.5	2020-03-30	N	0.01	2020-07-21	N	N	Y	0.1407	0.0239	Decreasing	-	-	7.07	6.375	4.196	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW516	19	23	95%	Y	2020-07-21	2025-09-16	2020-09-21	N	11.3	2020-09-21	N	0.01	2020-07-21	N	N	Y	0.0555	0.0706	No Trend	0.55	Consistent	6.28	5.4	3.448	ug/L
Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage (Pathway)																										
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW010	14	16	50%	Y	2017-01-12	2025-09-17	2017-01-12	N	0.15	2017-01-12	N	0.01	2019-10-25	N	N	N	0.4065	0.0380	Decreasing	-	-	0.03	0.0125	0.0372	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW010	14	17	0%	N	2017-01-12	2025-09-17		N			N	0.001	2019-09-26	N	N	N	0.0805	0.1074	No Trend	0.26	Consistent	0.01	0.01	0.0024	ug/L
Sum of PFHxS and PFOS	Groundwater	MW010	13	14	85%	Y	2019-09-26	2025-09-17	2019-09-26	N	0.25	2022-03-17	N	0.01	2019-10-25	N	N	Y	0.0256	0.4026	No Trend	1.11	Variable	0.07	0.05	0.0757	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW010	11	14	82%	Y	2019-09-26	2025-09-17	2019-09-26	N	0.2	2022-03-17	N	0.01	2025-03-11	N	N	Y	0.0479	0.2398	No Trend	1.04	Variable	0.07	0.05	0.0694	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Groundwater	MW553	5	7	80%	Y	2024-05-29	2025-09-17	2024-05-29	N	0.06	2024-12-13	N	0.01	2024-05-29	N	N	Y	0.0151	0.3067	No Trend	0.80	Consistent	0.03	0.02	0.0207	ug/L
Perfluorooctane sulfonic acid (PFOS)	Groundwater	MW553	5	7	0%	N	2024-05-29	2025-09-17		N			N	0.01	2024-05-29	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Groundwater	MW553	5	6	0%	N	2024-05-29	2025-09-17		N			N	0.01	2024-05-29	N	N	N	1.	0.5000	No Trend	0.00	Consistent	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Groundwater	MW553	5	7	80%	Y	2024-05-29	2025-09-17	2024-05-29	N	0.06	2024-12-13	N	0.01	2024-05-29	N	N	Y	0.0151	0.3067	No Trend	0.80	Consistent	0.03	0.02	0.0207	ug/L
Fire Training Area (Receptor)																										
Perfluorooctane sulfonic acid (PFOS)	Surface water	SW130	23	27	30%	Y	2017-07-17	2025-09-09	2020-07-15	N	0.05	2021-06-08	N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0094	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Surface water	SW130	21	23	0%	N	2017-07-17	2025-09-09		N			N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0044	ug/L
Sum of PFHxS and PFOS	Surface water	SW130	21	24	29%	Y	2020-01-08	2025-09-09	2020-07-15	N	0.03	2020-07-15	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.0054	ug/L
Perfluorooctanoic acid (PFOA)	Surface water	SW130	19	23	0%	N	2017-07-17	2025-09-09		N			N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Surface water	SW132	23	27	9%	Y	2017-07-17	2025-09-09	2020-09-22	N	0.03	2020-09-22	N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0058	ug/L
Perfluorooctane sulfonic acid (PFOS)	Surface water	SW132	22	25	32%	Y	2017-07-17	2025-09-09	2020-07-15	N	0.1	2023-12-11	N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.02	0.01	0.0226	ug/L
Perfluorooctanoic acid (PFOA)	Surface water	SW132	20	23	0%	N	2017-07-17	2025-09-09		N			N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Surface water	SW132	19	22	26%	Y	2020-01-08	2025-09-09	2020-07-15	N	0.07	2020-07-15	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.02	0.01	0.0154	ug/L
Perfluorooctanoic acid (PFOA)	Surface water	SW134	23	26	0%	N	2017-07-17	2025-09-09		N			N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Surface water	SW134	22	25	27%	Y	2020-01-08	2025-09-09	2020-09-22	N	0.03	2021-03-15	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.0065	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Surface water	SW134	20	23	0%	N	2017-07-17	2025-09-09		N			N	0.01	2017-07-17	N	N	N	-	-	-	-	-	0.01	0.01	0.0047	ug/L
Perfluorooctane sulfonic acid (PFOS)	Surface water	SW134	19	23	21%	Y	2020-01-08	2025-09-09	2021-03-15	N	0.03	2021-03-15	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.0067	ug/L
Demolition Ground (Receptor)																										
Perfluorooctane sulfonic acid (PFOS)	Surface water	SW150	22	25	14%	Y	2017-08-24	2025-09-23	2017-08-24	N	0.02	2024-03-11	N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0029	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Surface water	SW150	21	24	5%	Y	2017-08-24	2025-09-23	2024-03-11	N	0.02	2024-03-11	N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0057	ug/L
Perfluorooctanoic acid (PFOA)	Surface water	SW150	21	24	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.002	ug/L
Sum of PFHxS and PFOS	Surface water	SW150	21	24	10%	Y	2020-01-08	2025-09-23	2023-09-11	N	0.04	2024-03-11	N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.0065	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Surface water	SW152	23	25	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0055	ug/L
Perfluorooctane sulfonic acid (PFOS)	Surface water	SW152	22	23	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Perfluorooctanoic acid (PFOA)	Surface water	SW152	22	24	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Sum of PFHxS and PFOS	Surface water	SW152	22	24	0%	N	2020-01-08	2025-09-23		N			N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Surface water	SW154	23	25	0%	N	2020-01-08	2025-09-23		N			N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Sum of PFHxS and PFOS	Surface water	SW154	21	23	0%	N	2020-01-08	2025-09-23		N			N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctanoic acid (PFOA)	Surface water	SW154	20	22	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.002	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Surface water	SW154	19	21	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0057	ug/L
Perfluorohexane sulfonic acid (PFHxS)	Surface water	SW156	24	26	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0054	ug/L
Perfluorooctanoic acid (PFOA)	Surface water	SW156	22	24	0%	N	2017-08-24	2025-09-23		N			N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0019	ug/L
Sum of PFHxS and PFOS	Surface water	SW156	21	23	0%	N	2020-01-08	2025-09-23		N			N	0.01	2020-01-08	N	N	N	-	-	-	-	-	0.01	0.01	0.	ug/L
Perfluorooctane sulfonic acid (PFOS)	Surface water	SW156	19	21	5%	Y	2017-08-24	2025-09-23	2024-03-11	N	0.04	2024-03-11	N	0.001	2017-08-24	N	N	N	-	-	-	-	-	0.01	0.01	0.0073	ug/L

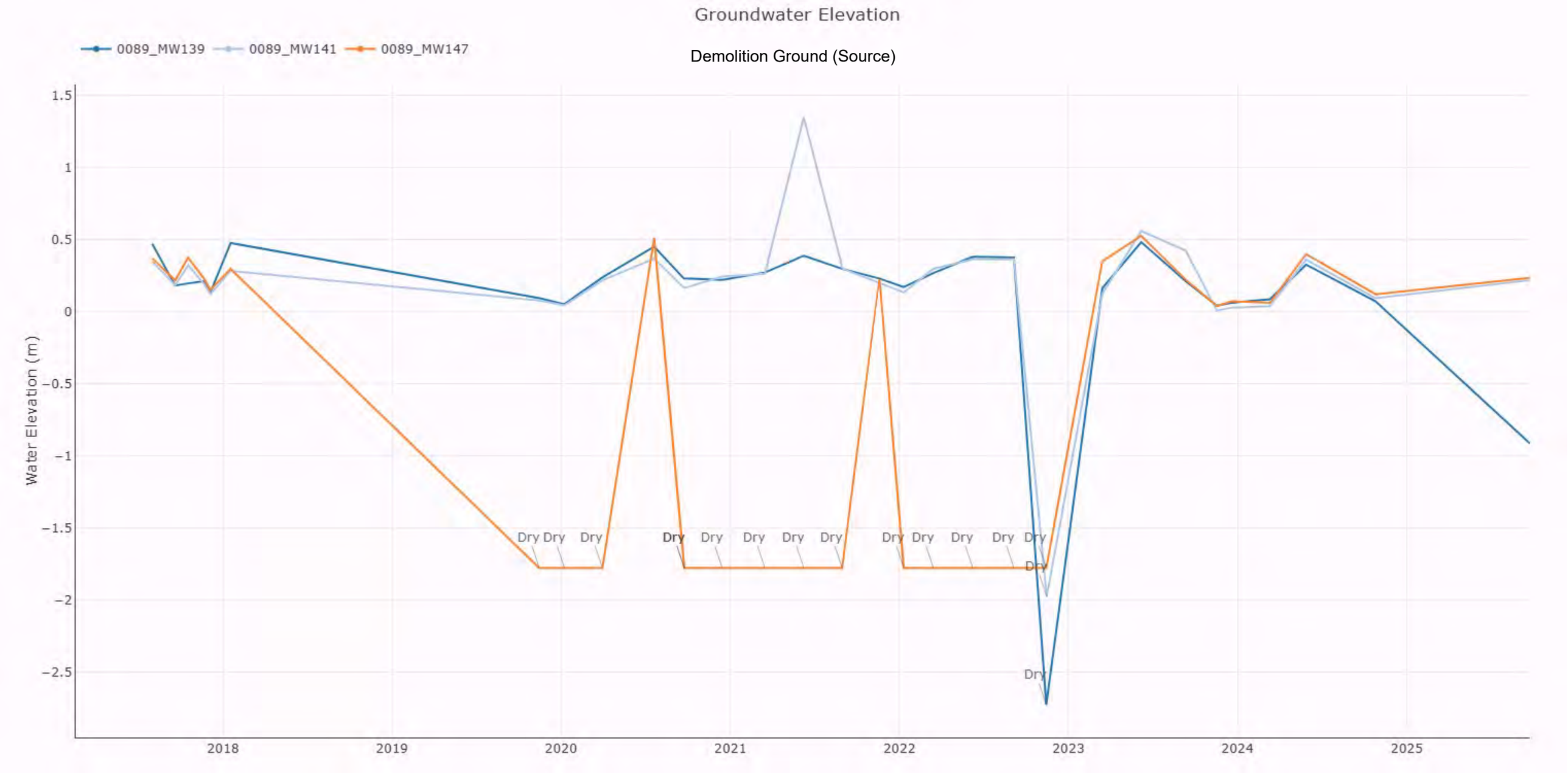
Table notes:
"-" denotes the coefficient of variation (CV) has not been applied with an decreasing or increasing trend, or insufficient samples for trend analysis.
Grey denotes no trend, blue denotes decreasing trend, pink denotes increasing trend.

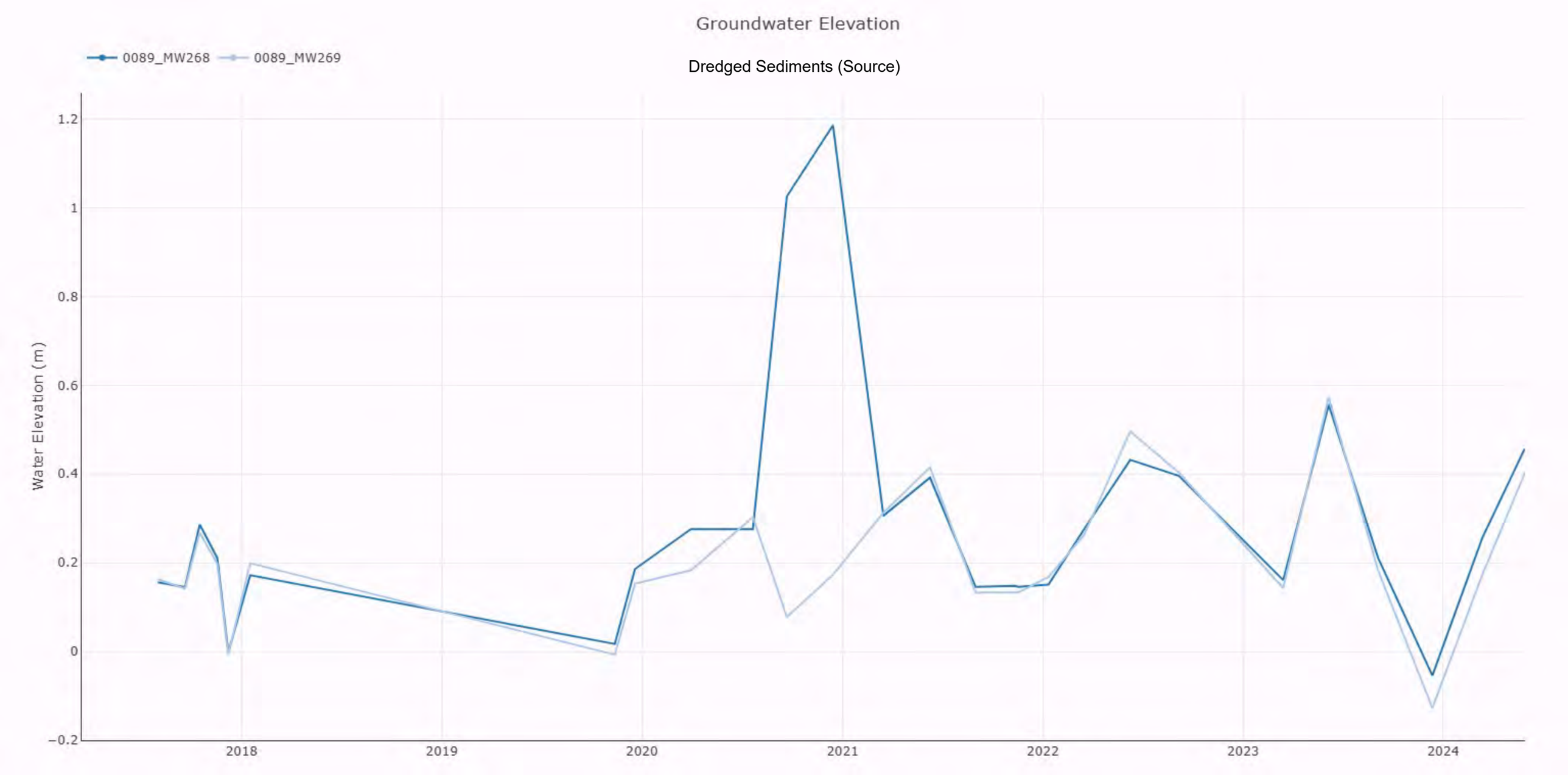
Appendix H

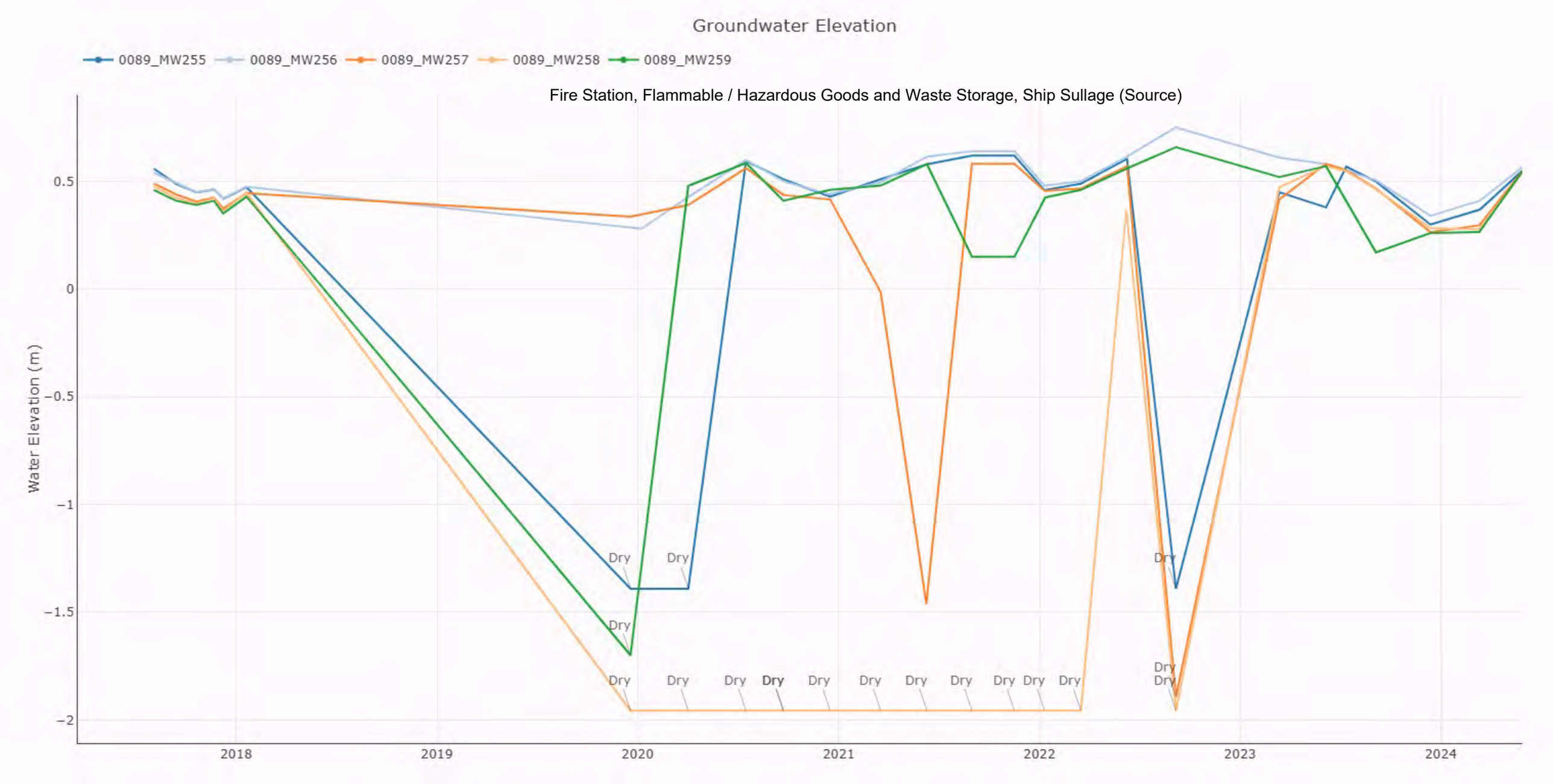
Groundwater elevation graphs

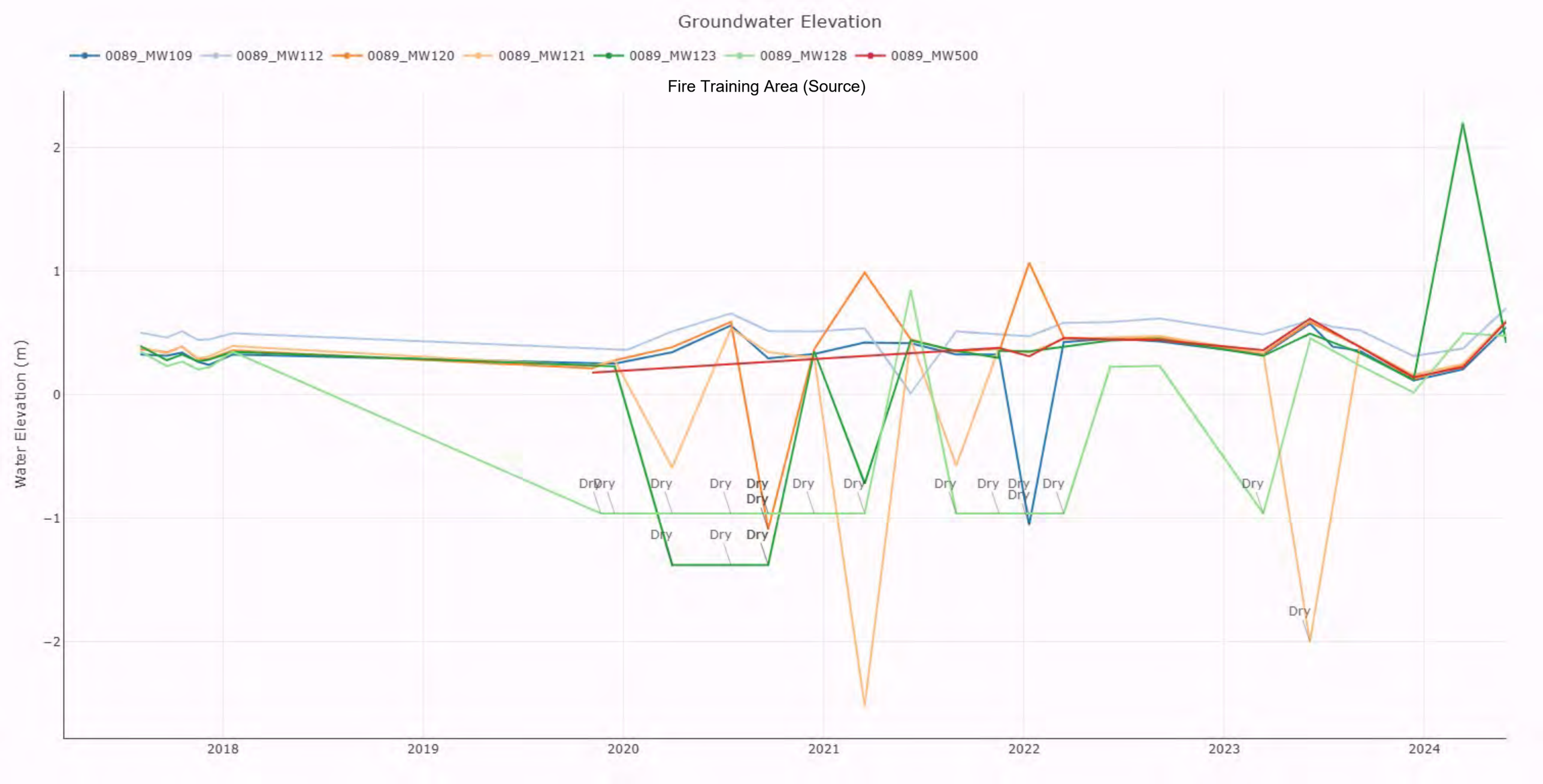

Groundwater Elevation
0089_MW289
Accommodation Area (Source)
Water Elevation (m)
0.5
0
−0.5
−1
−1.5
Dry
2018
2019
2020
2021
2022
2023
2024

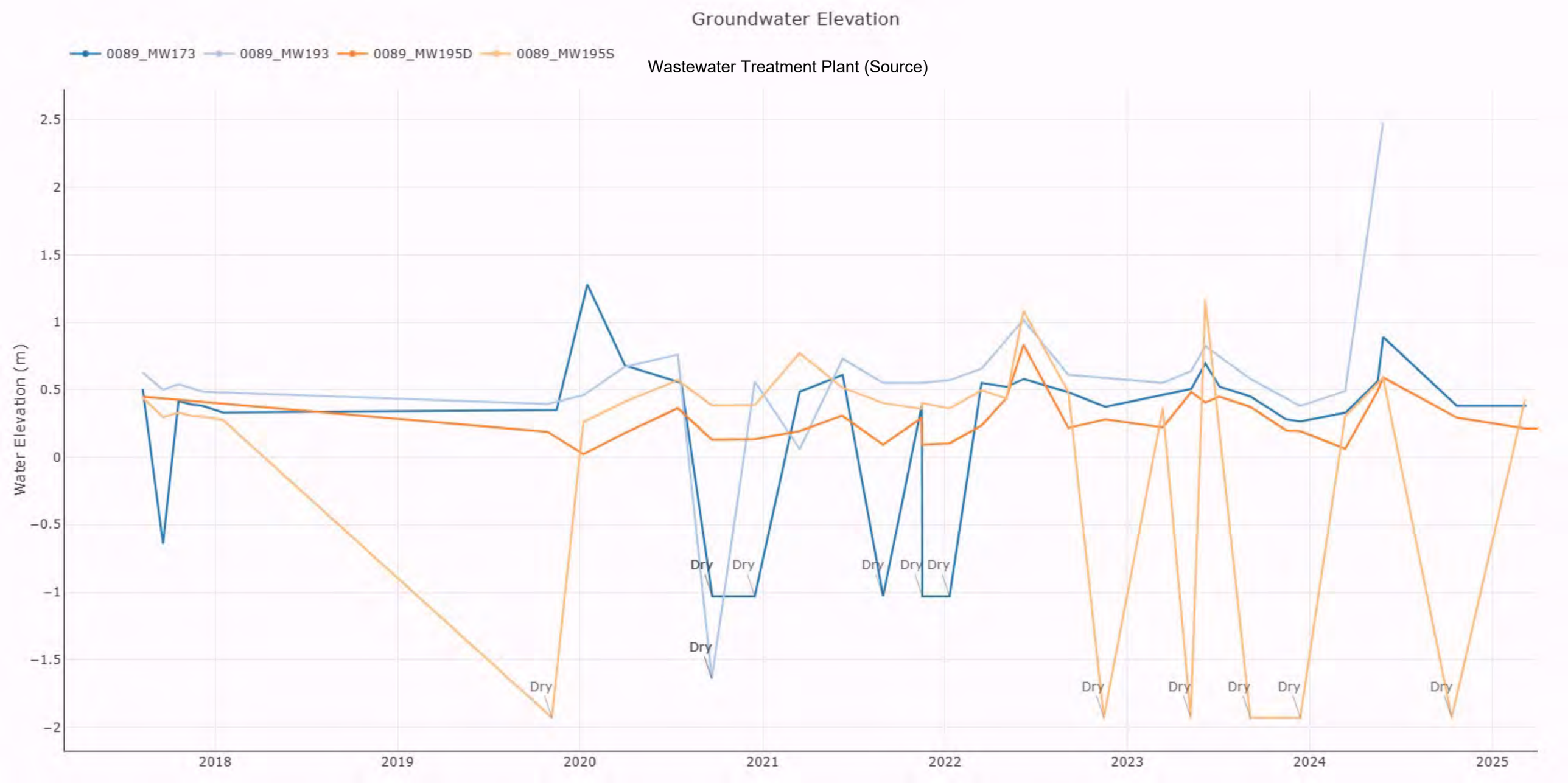

Groundwater Elevation
0089_MW233
0089_MW236
0089_MW238
0089_MW239
0089_MW240
0089_MW242
0089_MW243
0089_MW245
Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Source)
Water Elevation (m)
1.5
1
0.5
0
−0.5
−1
Dry
2018
2019
2020
2021
2022
2023
2024
2025

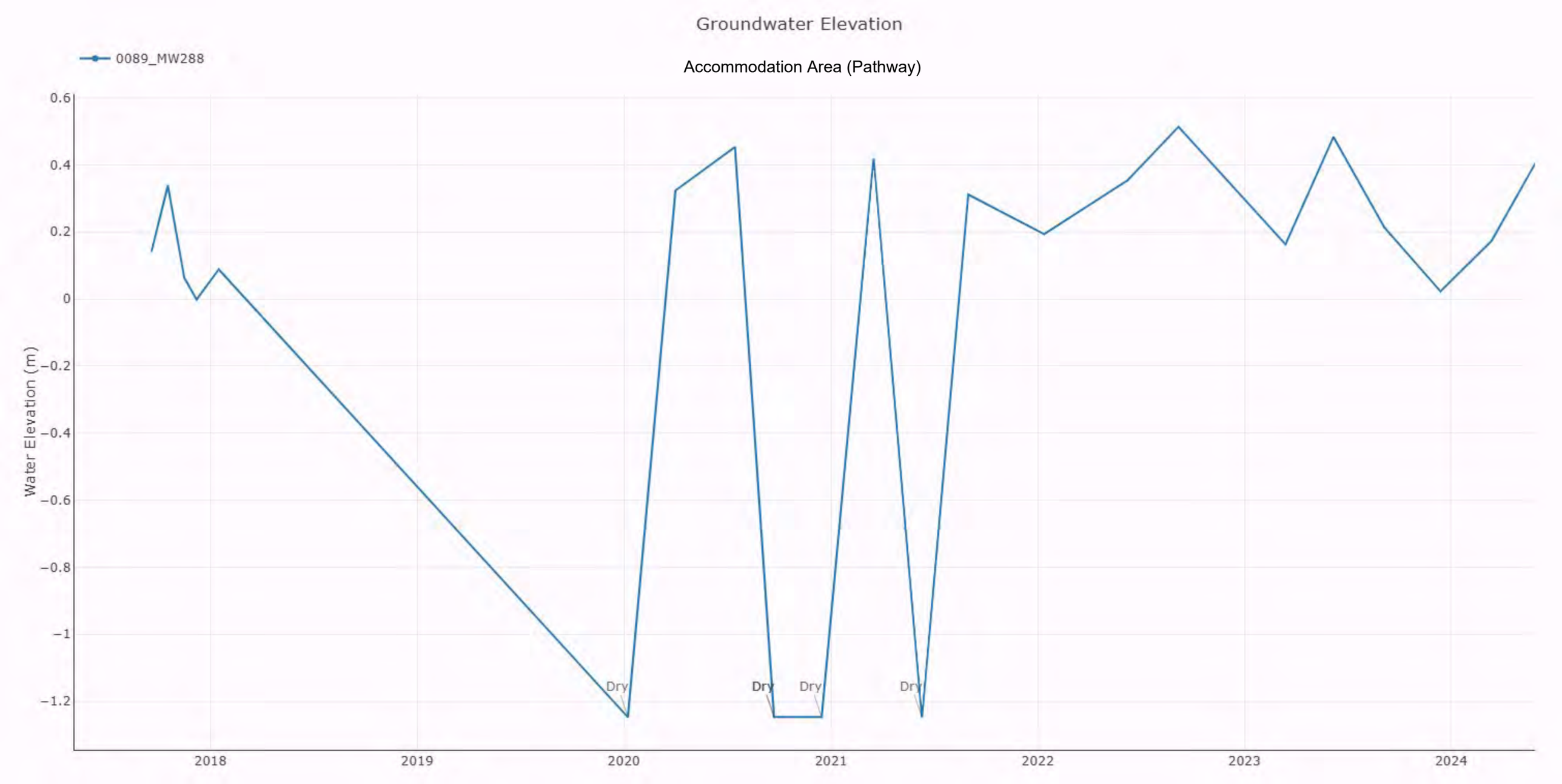

Groundwater Elevation
0089_MW139
0089_MW141
0089_MW147
Demolition Ground (Source)
Water Elevation (m)
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
Dry
2018
2019
2020
2021
2022
2023
2024
2025

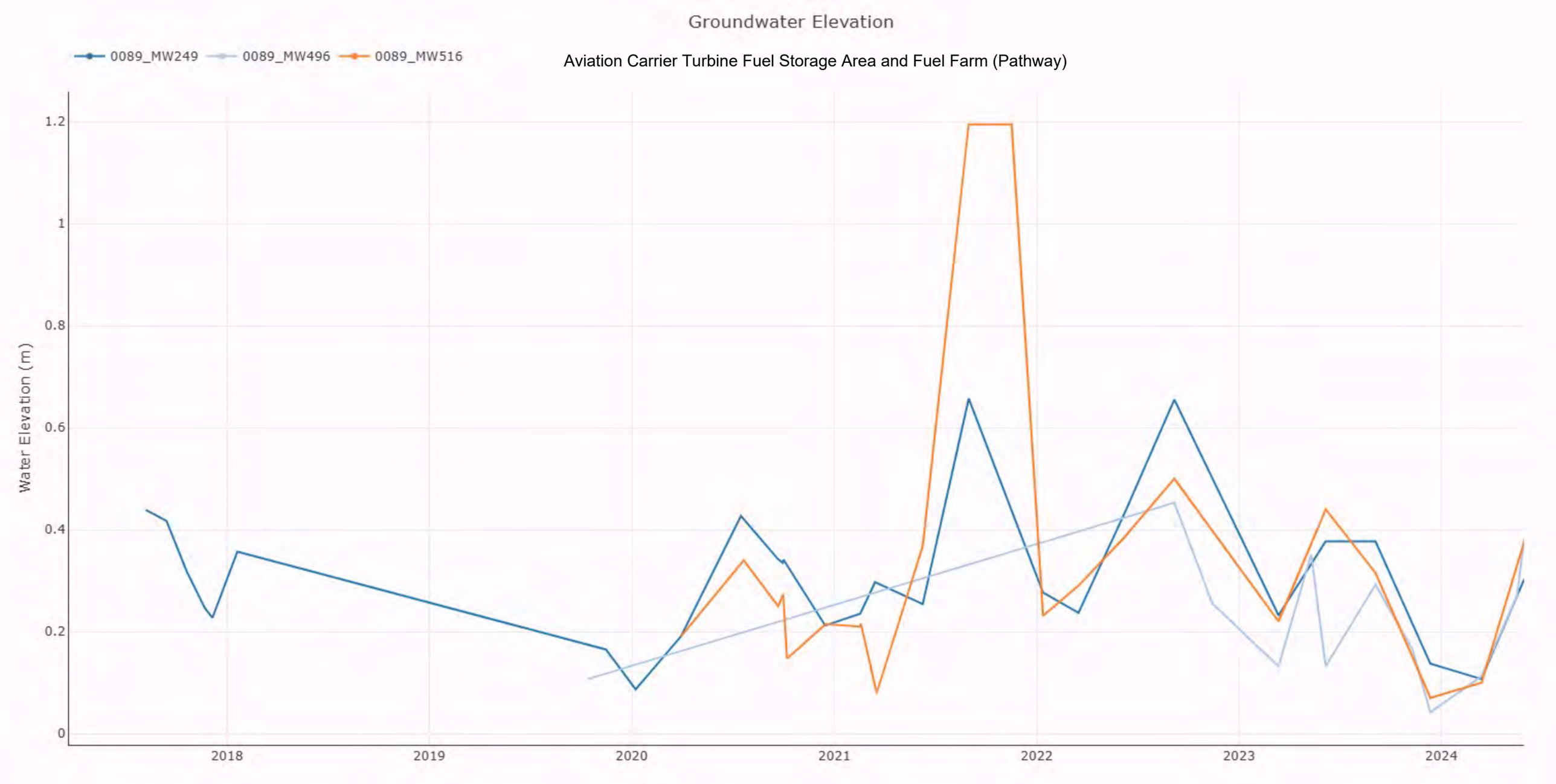

Groundwater Elevation
0089_MW268
0089_MW269
Dredged Sediments (Source)
Water Elevation (m)
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
2018
2019
2020
2021
2022
2023
2024

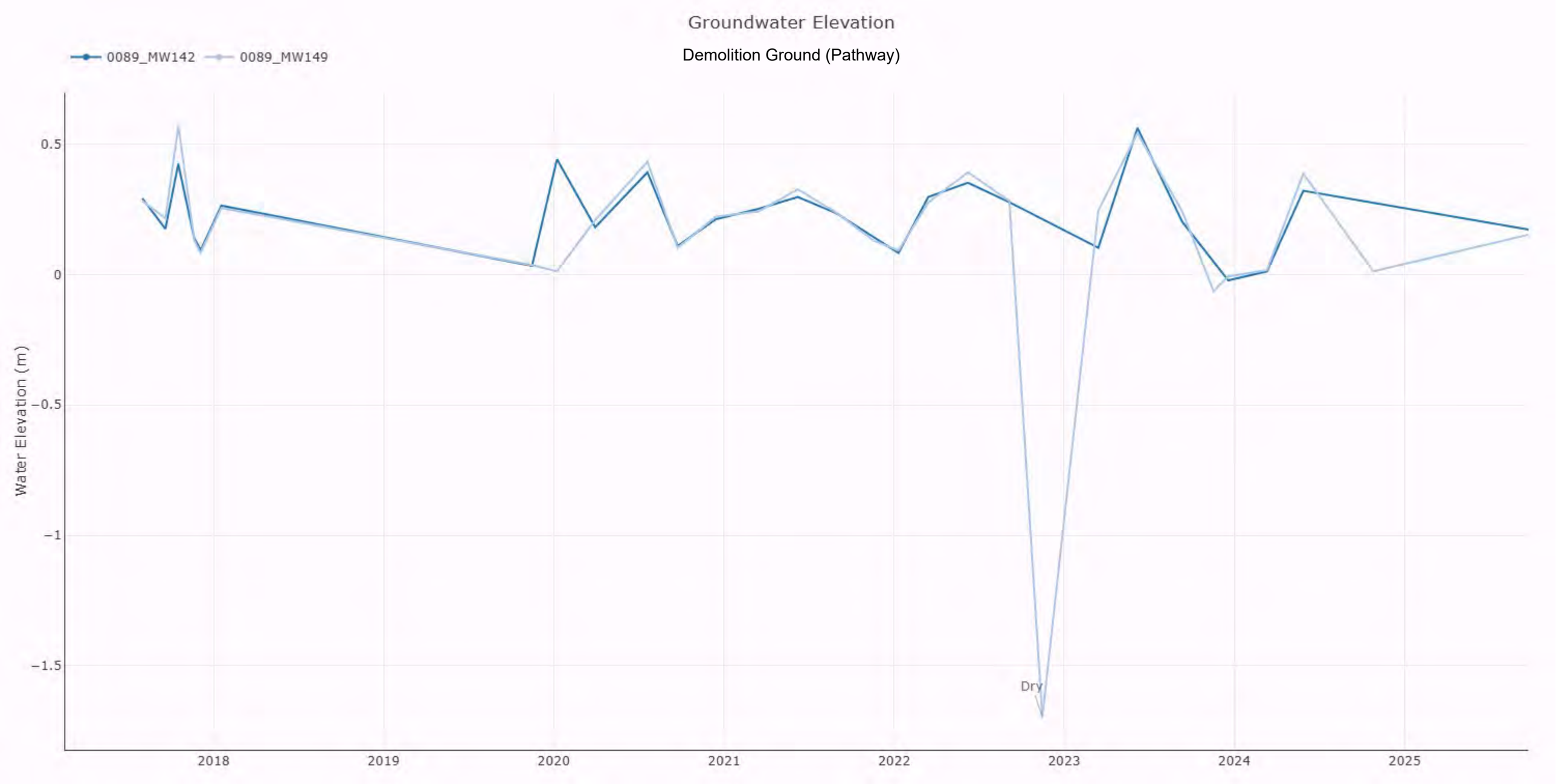

Groundwater Elevation
0089_MW255
0089_MW256
0089_MW257
0089_MW258
0089_MW259
Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage (Source)
Water Elevation (m)
0.5
0
−0.5
−1
−1.5
−2
2018
2019
2020
2021
2022
2023
2024
Dry

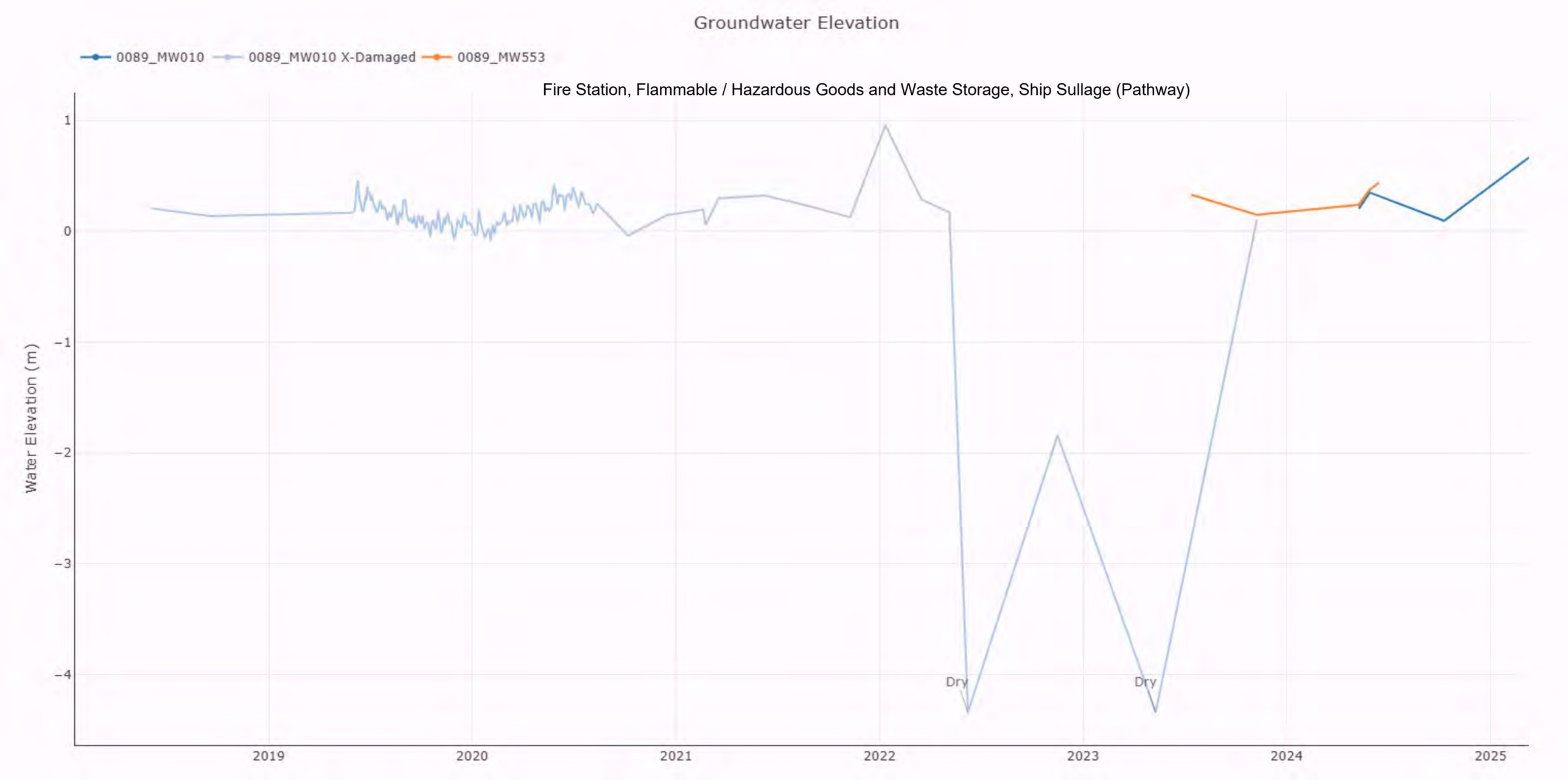

Groundwater Elevation
0089_MW109
0089_MW112
0089_MW120
0089_MW121
0089_MW123
0089_MW128
0089_MW500
Fire Training Area (Source)
Water Elevation (m)
2
1
0
−1
−2
2018
2019
2020
2021
2022
2023
2024
Dry

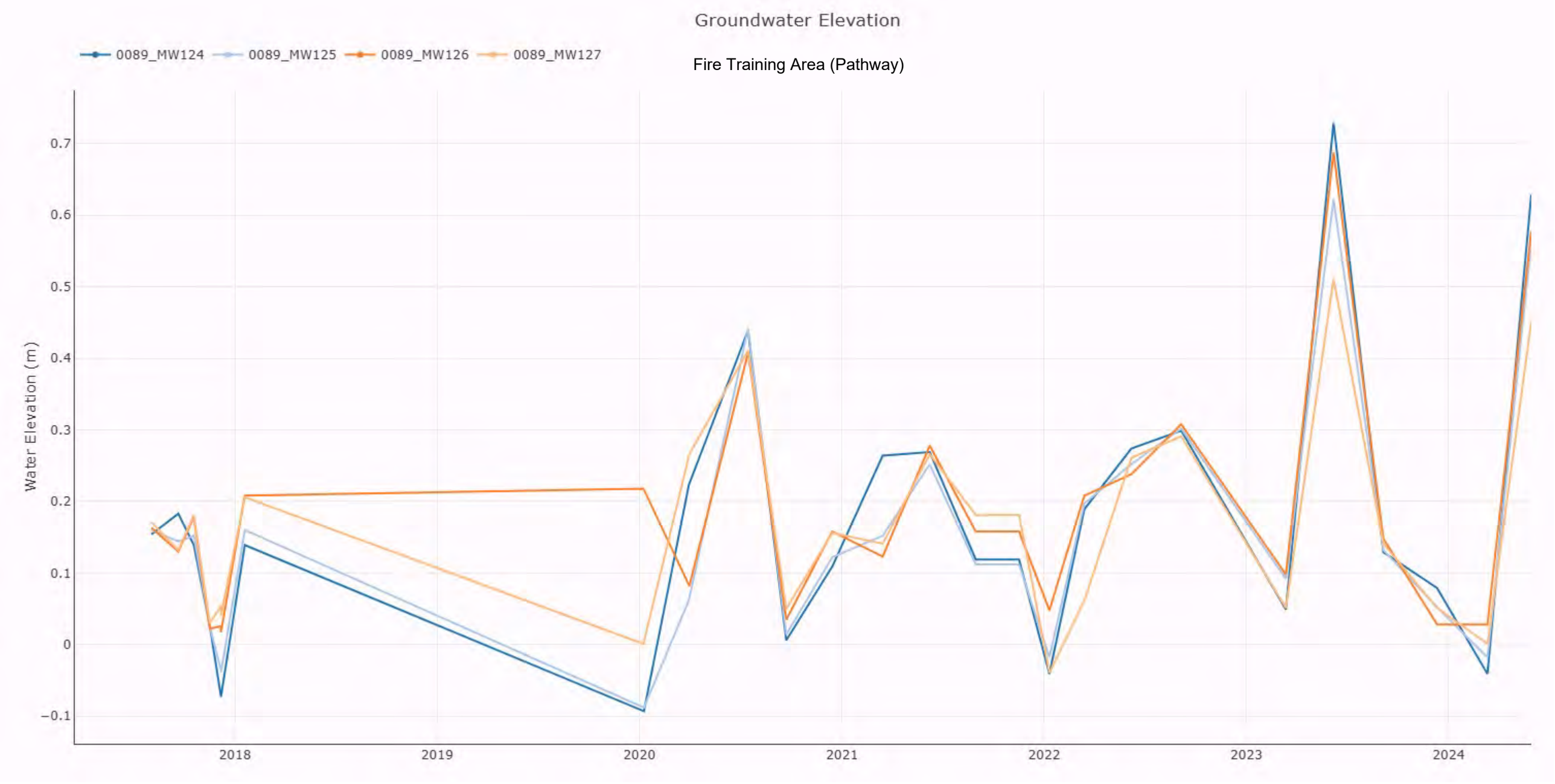

Groundwater Elevation
0089_MW173
0089_MW193
0089_MW195D
0089_MW195S
Wastewater Treatment Plant (Source)
Water Elevation (m)
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
2018
2019
2020
2021
2022
2023
2024
2025
Dry

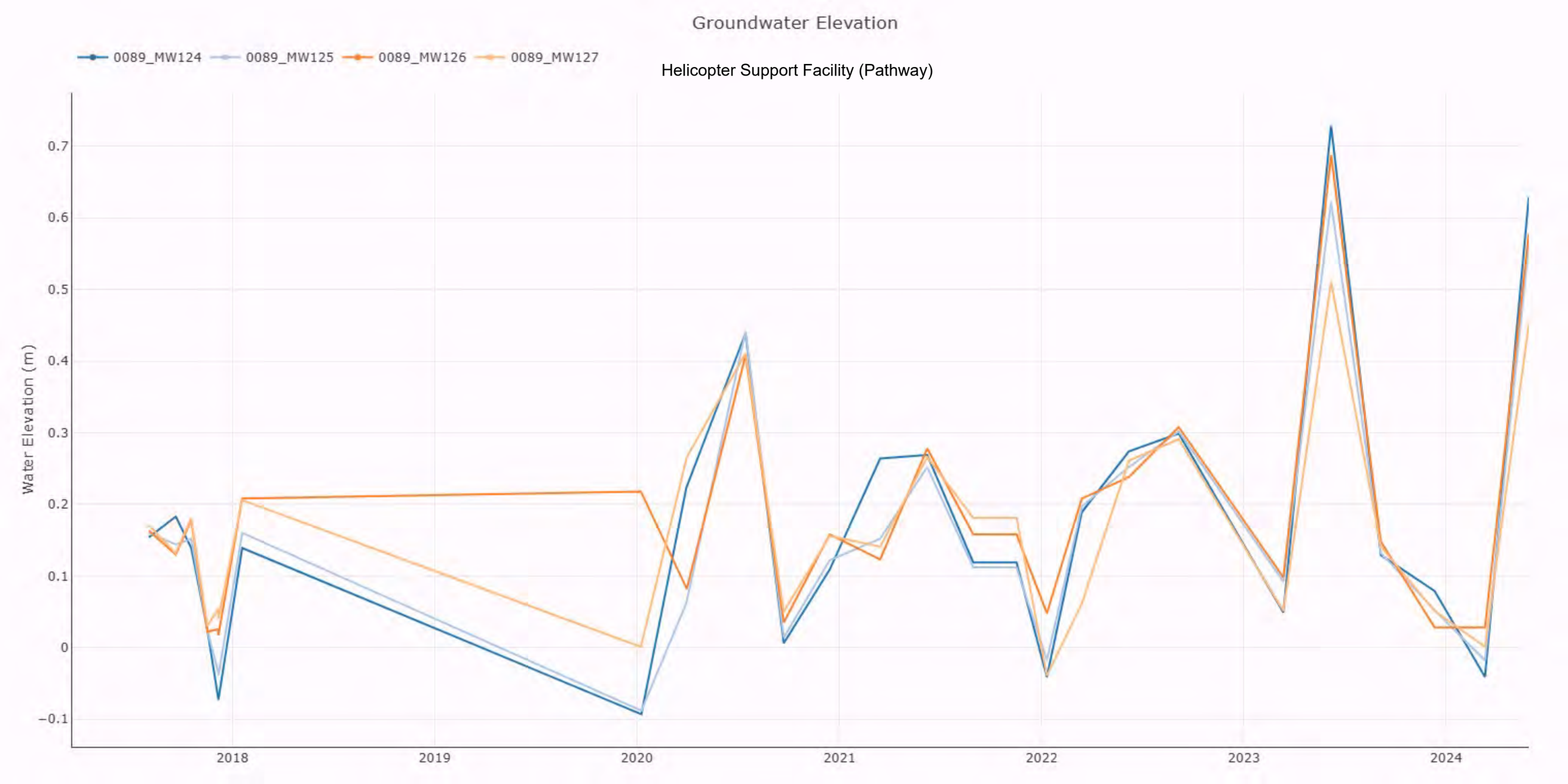

Groundwater Elevation
0089_MW288
Accommodation Area (Pathway)
Water Elevation (m)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
Dry
Dry
Dry
Dry
2018
2019
2020
2021
2022
2023
2024

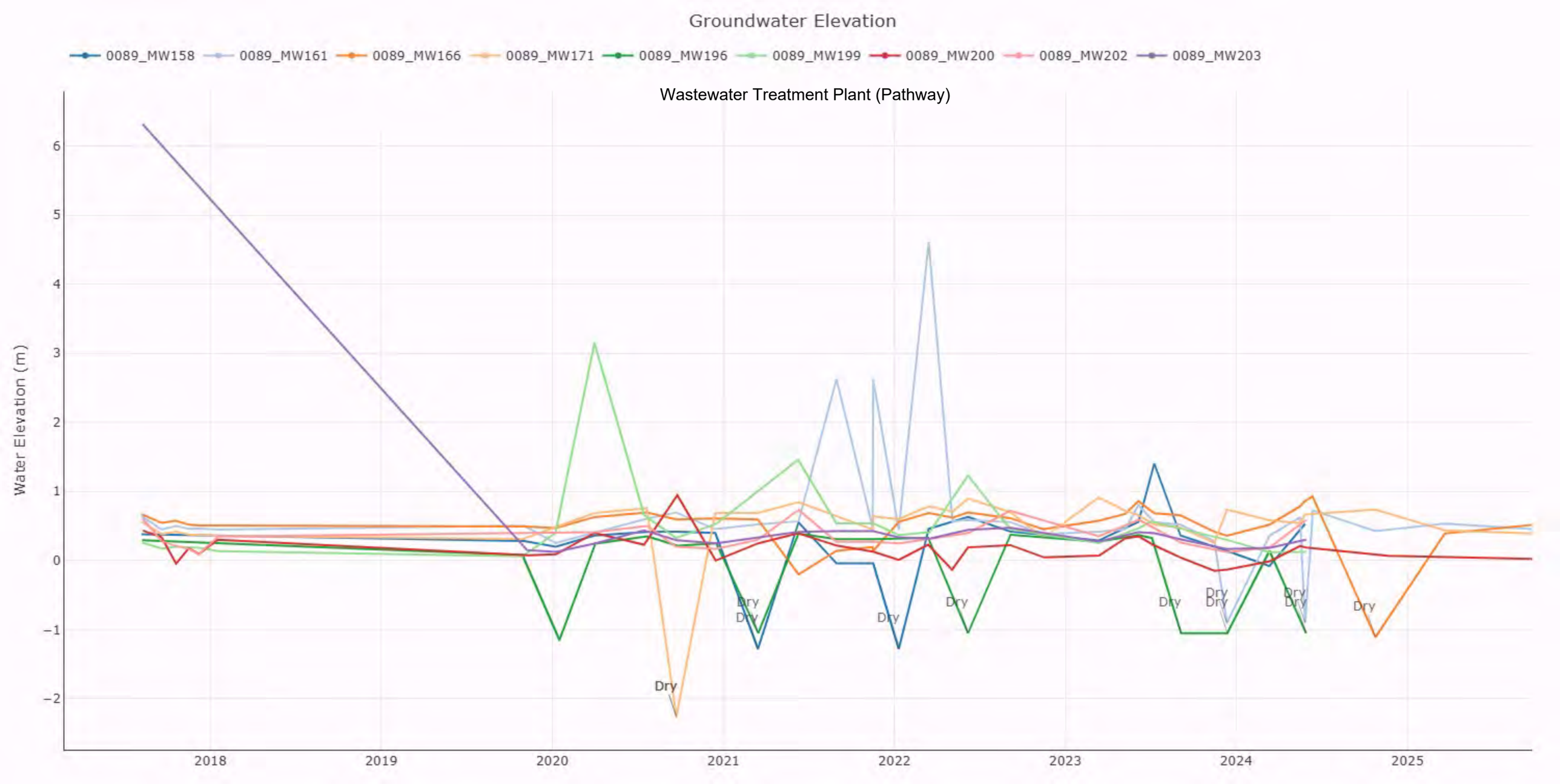

Groundwater Elevation
0089_MW249
0089_MW496
0089_MW516
Aviation Carrier Turbine Fuel Storage Area and Fuel Farm (Pathway)
Water Elevation (m)
1.2
1
0.8
0.6
0.4
0.2
0
2018
2019
2020
2021
2022
2023
2024


Groundwater Elevation
Demolition Ground (Pathway)
0089_MW142
0089_MW149
Water Elevation (m)
0.5
0
−0.5
−1
−1.5
Dry
2018
2019
2020
2021
2022
2023
2024
2025


Groundwater Elevation
0089_MW010
0089_MW010 X-Damaged
0089_MW553
Fire Station, Flammable / Hazardous Goods and Waste Storage, Ship Sullage (Pathway)
Water Elevation (m)
1
0
−1
−2
−3
−4
Dry
Dry
2019
2020
2021
2022
2023
2024
2025

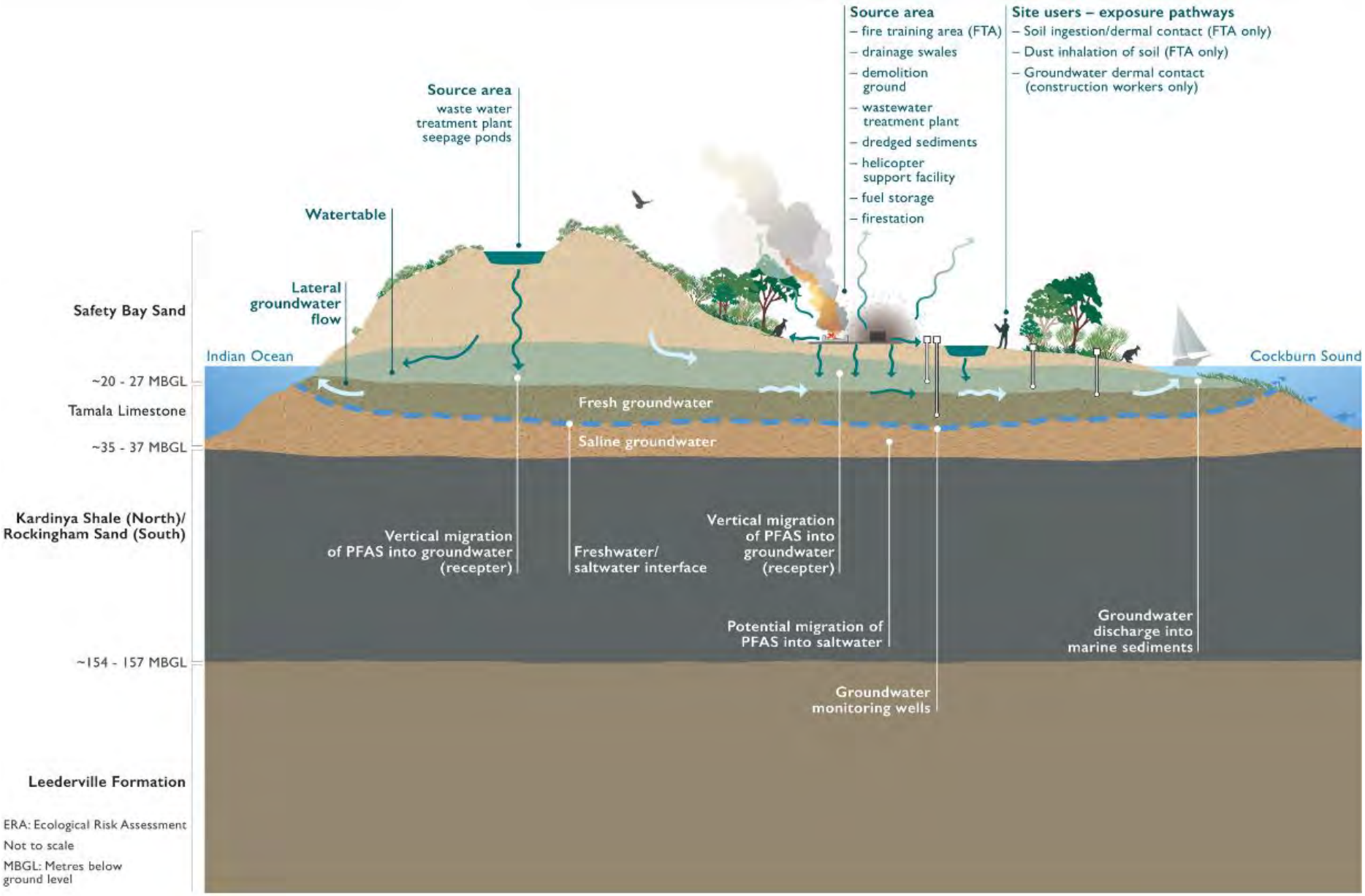

Groundwater Elevation
0089_MW124
0089_MW125
0089_MW126
0089_MW127
Fire Training Area (Pathway)
Water Elevation (m)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
−0.1
2018
2019
2020
2021
2022
2023
2024


Groundwater Elevation
0089_MW124
0089_MW125
0089_MW126
0089_MW127
Helicopter Support Facility (Pathway)
Water Elevation (m)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
−0.1
2018
2019
2020
2021
2022
2023
2024


Groundwater Elevation
0089_MW158
0089_MW161
0089_MW166
0089_MW171
0089_MW196
0089_MW199
0089_MW200
0089_MW202
0089_MW203
Wastewater Treatment Plant (Pathway)
Water Elevation (m)
6
5
4
3
2
1
0
−1
−2
2018
2019
2020
2021
2022
2023
2024
2025
Dry
Dry
Dry
Dry
Dry
Dry
Dry
Dry
Dry
Dry
Dry
Dry

Appendix I

Conceptual site model


Source area
– fire training area (FTA)
– drainage swales
– demolition ground
– wastewater treatment plant
– dredged sediments
– helicopter support facility
– fuel storage
– firestation
Site users – exposure pathways
– Soil ingestion/dermal contact (FTA only)
– Dust inhalation of soil (FTA only)
– Groundwater dermal contact (construction workers only)
Source area
waste water treatment plant seepage ponds
Watertable
Lateral groundwater flow
Safety Bay Sand
Indian Ocean
Cockburn Sound
~20 - 27 MBGL
Tamala Limestone
~35 - 37 MBGL
Fresh groundwater
Saline groundwater
Kardinya Shale (North)/ Rockingham Sand (South)
Vertical migration of PFAS into groundwater (recepter)
Freshwater/ saltwater interface
Vertical migration of PFAS into groundwater (recepter)
Potential migration of PFAS into saltwater
Groundwater discharge into marine sediments
~154 - 157 MBGL
Groundwater monitoring wells
Leederville Formation
ERA: Ecological Risk Assessment
Not to scale
MBGL: Metres below ground level

Source	Source Area	Potential Pathway	Receptor	Commentary
Human Health				
Soil contamination (PFAS)	Fire Training Area	Soil ingestion and dermal contact	Future/current site users/ workers on the site	Owing to the location of the soil exceedance i.e. the base of the enclosed steel fire pit, the risk to site workers and users is considered low as the opportunity for ingestion or dermal contact is restricted. Low Risk
		Dust generation (inhalation)	Future/current site users/ workers via inhalation of potentially impacted windblown dust	Owing to the location of the soil exceedance i.e. the base of a shallow enclosed steel fire pit, the risk from inhalation of contaminated dust to site operators and workers is considered low. Low Risk
Groundwater contamination (PFAS)	Fire Training Area Demolition Ground WWTP Helicopter Support Facility AVCAT Storage Fuel Farm and Infiltration Basin Fire Station, Flammable/ Hazardous Goods and Waste Storage, Ship Sullage Dredged Sediments Accommodation Area	Dermal contact with groundwater	Future site workers during excavations	The risk presented through occupational exposure via dermal contact during upgrade or development works on the Island is considered low and is readily addressed by use of appropriate PPE typically used by construction workers. Low Risk
		Primary and secondary contact with impacted marine water	Recreational use of Cockburn Sound and the Indian Ocean	No exceedance of recreational use guidance was identified in surface waters collected from Cockburn Sound, therefore there is no human health risk. No further action required.
		Bioconcentration factors (BCF) and biomagnification factors (BMF) in the food chain	Consumption of impacted aquatic organisms (fish, shellfish) from Cockburn Sound and the Indian Ocean	The dietary exposure pollutant linkage was evaluated and compared against relevant international guidance. No exceedance was identified. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. Fish tissue concentrations were modelled using 2017-2018 surface water data and a surface water-to-fish BCF was derived using data from other Defence PFAS sites. The worst case of three calculated BCFs was used and predicted that potential adverse effects to fish and piscivorous fauna were unlikely. The human dietary exposure pollutant linkage was therefore also considered negligible.

Source	Source Area	Potential Pathway	Receptor	Commentary
				Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.
Surface Water	WWTP	Dermal contact of surface water	Future/current site users/ workers via inhalation of potentially impacted surface water at the WWTP	No exceedance of relevant adopted guidelines was identified therefore there is no human health risk. No further action required.
Sediments	WWTP	Dermal contact	Future/current site users/ workers at the WWTP	No exceedance of relevant adopted guidelines was identified therefore there is no human health risk. No further action required.
Ecological				
Soil contamination (PFAS)	Fire Training Area Demolition Ground Helicopter Support Facility Fire Station, Flammable/ Hazardous Goods and Waste Storage, Ship Sullage	Leaching (from soil to groundwater)	Underlying aquifer, Cockburn Sound and the Indian Ocean	Direct measurement of PFAS in groundwater, surface water, sediments, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. Fish tissue concentrations were modeled using 2017-2018 surface water data and a surface water-to-fish BCF was derived using data from other Defence PFAS sites. The worst case of three calculated BCFs was used and predicted that potential adverse effects to fish and piscivorous fauna were unlikely. The direct measurements, calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are unlikely. Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.
	Fire Training Area Helicopter Support Facility Fire Station, Flammable/ Hazardous Goods and Waste Storage, Ship Sullage	Direct contact	Soil organisms and plants	Soils exceeded the adopted guidelines however the risk presented via direct contact/ to soil organisms and plant uptake within these source areas is considered low. This is a result of the areas being highly modified with no ecological habitat value and thus there is an absence of significant ecological receptors. Low Risk
		Plant Uptake	Flora	

Source	Source Area	Potential Pathway	Receptor	Commentary
		Soil ingestion/dermal contact	Fauna	Soils exceeded the adopted guidelines however the risk presented via soil ingestion, dermal contact and subsequent bioaccumulation and magnification within these source areas is considered low. This is a result of the areas being highly modified with no ecological habitat value and thus there is an absence of significant ecological receptors. Low Risk
		Bioaccumulation and biomagnification in the food chain	Fauna	
Groundwater contamination (PFAS)	Fire Training Area Demolition Ground WWTP Helicopter Support Facility AVCAT Storage, Fuel Farm and Infiltration Basin Fire Station Flammable/ Hazardous Goods and Waste Storage Ship Sullage Dredged Sediments Accommodation Area	Lateral migration through underlying aquifer	Cockburn Sound and the Indian Ocean	Groundwater within all identified source areas exceeded adopted ecological guidelines.
		Bioaccumulation and biomagnification in the marine food chain (following lateral migration)	Marine flora and fauna	Direct measurement of PFAS in sediment, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. Fish tissue concentrations were modeled using 2017-2018 surface water data and a surface water-to-fish BCF was derived using data from other Defence PFAS sites. The worst case of three calculated BCFs was used and predicted that potential adverse effects to fish and piscivorous fauna were unlikely. The direct measurements and calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are unlikely. Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.
		Plant uptake (root uptake)	Flora	Direct contact to groundwater was considered an incomplete pollutant linkage because groundwater at the site is generally 2 to 3 metres or deeper below the ground surface. At this depth, groundwater occurs below the root zone of most plants (O'Connell et al, 2003) which is generally confined to within the top metre of soil. Therefore, receptors are not expected to have significant contact with groundwater.

Source	Source Area	Potential Pathway	Receptor	Commentary
				No further action required.
		Ingestion (following plant uptake)	Fauna	Given the pollutant linkage for plant uptake was considered incomplete, the pollutant linkage for plant ingestion by fauna is also considered incomplete. No further action required.
Surface Water	WWTP	Dermal contact or ingestion of surface water	Flora at the WWTP	Surface water within the WWTP salt water, freshwater, and seepage ponds exceeded adopted ecological guidelines. The ponds are however man-made infrastructure with no ecological habitat value. Low Risk
	Demolition Ground WWTP Helicopter Support Facility	Dermal contact or ingestion of surface water	Marine fauna	Direct measurement of PFAS in sediment, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. Fish tissue concentrations were modeled using 2017-2018 surface water data and a surface water-to-fish BCF was derived using data from other Defence PFAS sites. The worst case of three calculated BCFs was used and predicted that potential adverse effects to fish and piscivorous fauna were unlikely. The direct measurements and calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are unlikely. Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.
		Bioaccumulation and biomagnification in the marine food chain	Marine flora and fauna	
Sediment	WWTP	Dermal contact or ingestion	Flora at the WWTP	Sediments within the WWTP salt water, freshwater, and seepage ponds did not exceed adopted ecological guidelines. The ponds are man-made infrastructure with no ecological habitat value. No risk to ecological receptors has therefore been identified. Low risk

Source	Source Area	Potential Pathway	Receptor	Commentary
	Fire Station, Flammable/ Hazardous Goods and Waste Storage, Ship Sullage	Leaching (from sediment to surface water)	Cockburn Sound and the Indian Ocean	Direct measurement of PFAS in sediment, pore water, marine macrophytes, annelids and molluscs was undertaken and this data was used to assess BCF and BMF within the ecosystem and food chain. Contaminant fate and transport modelling (calculated to 2100) indicates that PFAS concentrations are expected to increase along the coastline into the future. Based on the predicted contaminant loads, detailed quantitative analysis of BMF and BCF was undertaken as part of the ERA. Fish tissue concentrations were modeled using 2017-2018 surface water data and a surface water-to-fish BCF was derived using data from other Defence PFAS sites. The worst case of three calculated BCFs was used and predicted that potential adverse effects to fish and piscivorous fauna were unlikely. The direct measurements and calculated BMF, BCF and ecosystem food chain modelling undertaken during the ERA indicate that potential adverse impacts to sea grass, molluscs, fish and marine ecosystems are unlikely. Ongoing monitoring of groundwater, surface water, pore water, and sediment PFAS concentrations is recommended to confirm this level of risk.