Prepared for
Department of Defence
ABN: 68706814312

AECOM

Ongoing Monitoring Report (July 2021 to December 2023)

PFAS OMP - RAAF Base Williamtown

19-Jul-2024
PFAS Ongoing Monitoring Program
Doc No. 20240719_OMP002_WLM_OMR_2023_Rev 0

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ABN: 68706814312

Prepared by

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19-Jul-2024

Job No.: 60612562

AECOM in Australia and New Zealand is certified to ISO9001, ISO14001 and ISO45001.

Quality Information

Document Ongoing Monitoring Report (July 2021 to December 2023)

Ref 60612562

Date 19-Jul-2024

Revision History

Rev	Revision Date	Details
A	15-Mar-2024	Draft
B	24-Apr-2024	Draft
C	14-May-2024	Draft
D	20-May-2024	Draft
E	19-Jun-2024	Draft
F	20-Jun-2024	Final Draft
0	19-Jul-2024	Final

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List of Acronyms

Acronym	Term
ADWG	Australian Drinking Water Guidelines
AECOM	AECOM Australia Pty Ltd
AFFF	Aqueous Film Forming Foam
AIR	Annual Interpretive Report
BoM	Bureau of Meteorology
CSM	Conceptual Site Model
Defence	Department of Defence
DEMS	Demolition of Explosive Munitions Site
DoH	Department of Health
EPC	Exposure Point Concentration
ESA	Environmental Site Assessment
FFTA	Former Fire Training Area
FTF	Former Training Facility
FTP	Former Training Pad
FSANZ	Food Standards Australia New Zealand
GW	Groundwater
GWE	Groundwater Elevation
HEPA	Heads of Environment Protection Authority
HHRA	Human Health Risk Assessment
HWC	Hunter Water Corporation
LOR	Limit of Reporting
MD	Moors Drain
MW	Monitoring Well
NE	Northeast
NEMP	National Environmental Management Plan
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NHMRC	National Health and Medical Research Council
NSW	New South Wales
OMP	Ongoing Monitoring Plan
OMR	Ongoing Monitoring Report
PCT	Plant Community Type
PFAS	Per- and Poly-Fluoroalkyl Substances
PFHxS	Perfluorohexanesulfonic Acid

Acronym	Term
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PMAP	PFAS Management Area Plan
QC	Quality Control
RAAF	Royal Australian Air Force
SA	Southern Area
SAQP	Sampling and Analysis Quality Plan
SD	Sediment
SS	Surface Soil
STP	Sewage Treatment Plant
SW	Surface Water
SWL	Standing Water Level
TDI	Tolerable Daily Intake
TOC	Top of Casing
WTP	Water Treatment Plant

List of Units

Units	Term
˚C	Degrees Celsius
µg/L	Micrograms per litre
µS/cm	MicroSiemens per centimetre
g	Gram
km	Kilometre
L	Litre
m	Metre
mAHD	Metres relative to Australian Height Datum
mbTOC	Metres below Top of Casing
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per litre
ML	Megalitre
mm	Millimetre

Executive Summary

Introduction

AECOM Australia Pty Ltd (AECOM) was engaged by the Department of Defence (Defence) to implement the Ongoing Monitoring Plan (OMP) for monitoring of per- and poly-fluoroalkyl substances (PFAS) at RAAF Base Williamtown (0908) (the 'base'), New South Wales (NSW).

Objective

The objective of implementing the OMP is to provide information on changes in the location and concentrations of PFAS on-base and in surrounding off-base areas including the Management Area as defined by the NSW Government (refer to **Section 2.2** and **Figure F1** in **Appendix A**). The data is required to assist risk management decisions by Defence and State Government agencies to protect human health and the environment and to measure long term changes resulting from remediation works.

Monitoring Scope

AECOM conducted monitoring of groundwater, surface water, sediment, soil and aquatic biota (fish and prawns) between July 2021 and December 2023 (the 'monitoring period') in accordance with the sampling and analysis quality plan (SAQP) developed by AECOM. This monitoring targeted PFAS, and particularly perfluorooctane sulfonate (PFOS), perfluorooctanoic acid (PFOA) and perfluorohexane sulfonate (PFHxS) as they are the primary chemicals associated with the PFAS fire-fighting foams used at the base historically.

Monitoring Results

Groundwater

- PFAS concentrations in groundwater were generally stable and similar to historical results. The highest PFAS concentrations were detected at groundwater monitoring wells located within and nearby PFAS source areas on the base.
- The trend in PFAS concentrations are stable or decreasing in groundwater monitoring locations to the south and down-hydraulic gradient of remediation activities; for example, in many groundwater locations within the western plume, south of the Former Fire Training Area where ongoing treatment of groundwater has been undertaken, and in some groundwater locations within the central plume, following the soil remediation works at the former Fire Training Pad and Foam Testing Facility completed in 2021.
- The trends in PFAS concentrations in monitoring locations that are some distance from PFAS source areas are variably influenced by changing rainfall patterns. This is particularly at the edges of the groundwater plumes.
- The extents of the groundwater plumes were generally consistent with those presented during previous monitoring periods, with the western plume originating from the western portion of the base, central plume originating from the south to southeast portion of the base, and the eastern plume originating from the eastern portion of the base.
- PFAS concentrations in groundwater off-base towards Salt Ash have decreased in this monitoring period or continue to be below the laboratory limit of reporting.

Surface Water

- PFAS concentrations in surface water were generally consistent with historical results. While new maximum concentrations in surface water samples were reported at the base, in the Moors Drain

catchment and in Fourteen Foot Drain to south of the base, they were within an order of magnitude to historical ranges and present no further risks to people or the environment.

Sediment

- PFAS concentrations in sediments both on and off the base fluctuated but remained within or the same order of magnitude of historical ranges and present no further risks to people or the environment.

Soil

- PFAS concentrations in soils were within historical ranges with only the exception of those reported at some locations in Flood Area 1, 3 and 5, where new historical maximums were reported. However, these new maximums were within an of magnitude of historical results and have been used to further inform Defence's understanding of PFAS movement in flood water.
- All PFAS concentrations in soil samples collected in this period were less than the PFAS NEMP (HEPA, 2020) Public Open Space guideline values.

What is an 'order of magnitude'?

This refers to something decreasing or increasing by multiples of ten. For instance, an increase from 10 to 100 is an order of magnitude increase. When assessing changes in PFAS concentrations at an individual location, all concentrations are considered when determining trends, but order of magnitude changes are discussed separately as they represent a significant change in concentrations from what was reported in the previous event.

If a change is close to established health or environmental criteria, it will also be considered significant.

Aquatic Biota

- Aquatic biota refers to species of fish and prawns in Fullerton Cove.
- The PFOS concentrations reported in biota are consistent with historical results across all sampling periods for the targeted species.
- Precautionary advice from the NSW government for the consumption of locally sourced seafood remain in place.

Conceptual Side Model and Risk Summary

- The Conceptual Site Model (CSM) is used to describe the ways that PFAS moves from source areas on the base into the surrounding environment. Specifically, the CSM describes the links between PFAS sources, transport pathways, and possible exposure scenarios. The CSM was developed during the investigation stages and the most recent CSM is summarised in the PFAS Management Area Plan (Defence, 2023).
- The risk profile for the base was established by the human health and ecological risk assessments and is summarised in the PFAS Management Area Plan (Defence, 2023).
- While there have been localised changes in PFAS concentrations, the CSM and risk profile have not changed.
- Precautionary advice from the NSW government regarding water use and locally sourced food production remains in place for the Williamtown Management Area.
- Remediation works as described in the PFAS Area Management Plan (Defence, 2023) are being implemented at the base throughout 2024 and 2025. These will further reduce the amount of PFAS discharging to the surrounding environment from the base. Over the long term, this will contribute to reductions in PFAS concentrations in the Williamtown Management Area.

1.0 Introduction

AECOM Australia Pty Ltd (AECOM) was engaged by the Department of Defence (Defence) to implement the per- and poly-fluoroalkyl substances (PFAS) Ongoing Monitoring Plan (OMP) at Royal Australian Air Force (RAAF) Base Williamtown (the 'base') (**Figure F1** in **Appendix A**).

The monitoring targeted PFAS in a range of environmental media at selected locations on-base and in surrounding off-base areas, including the Management Area as defined by the NSW State Government (**Figure F1** in **Appendix A** and NSW Government released figure in **Appendix D**).

In order to meet the objectives of the OMP, the monitoring was undertaken in accordance with the *Sampling Analysis and Quality Plan* (SAQP) (AECOM, 2021c, 2022b, 2022f, 2023b, 2023d) and includes data collected from other projects in addition to the scope under the OMP.

This report has been prepared in accordance with the *PFAS OMP Annual Interpretive Report Guidance* (Version 0.4) issued in October 2022 (Defence, 2022) based on monitoring data collected between July 2021 and December 2023 (the 'monitoring period'). It is acknowledged that concurrent programs of work being delivered by Defence outside of this monitoring period was also used to further refine the understanding of the Conceptual Site Model (CSM) for the base and Management Area. A summary of these ancillary works is presented in **Section 6.0**.

1.1 Purpose and Objective

The objective of the monitoring program set out in the OMP (AECOM, 2019c, 2019d, 2019e) is to provide information on changes in the location and concentrations of PFAS on-base and in surrounding off-base areas including the Management Area as defined by the NSW Government.

The data is required to assist risk management decisions by Defence and State Government agencies to protect human health and the environment and to inform the understanding of the effectiveness of remedial actions since the completion of the Detailed Site Investigation (AECOM, 2017a).

The assessment of changes in the distribution, concentration, and transport (pathways and flow rates) of the contaminants against appropriate guideline values provides an:

- evidence base for targeted and effective risk management decision making to protect human health and environmental receptors; and
- early warning that additional management of PFAS contamination may be warranted in areas not currently understood to be affected by PFAS.

The data will be evaluated to determine environmental variability and trends in PFAS concentrations. This will inform any change to the known risk profile and recommendations to review the OMP or the PFAS Management Area Plan (PMAP) (Defence, 2023) or any requirements to update the Human Health Risk Assessment (HHRA) (AECOM, 2017b) or the Ecological Risk Assessment (ERA) (AECOM, 2018) documentation, if required.

1.2 Scope

The scope of works for this Ongoing Monitoring Report included assessing changes to the nature and extent of PFAS between July 2021 to December 2023 and evaluating if these changes have implications for the understanding of the CSM and the risk profile with respect to PFAS contamination at, and migrating from, the base. This included the evaluation of data reported during the monitoring period in the following reports, including reports from non-OMP projects (refer to Section 12 for full list of reports):

- *Sampling Event Factual Report – November 2021, RAAF Base Williamtown.* 15 March 2022 (AECOM, 2022a).
- *Sampling Event Factual Report – Biota Sampling, February 2022. RAAF Base Williamtown.* 29 July 2022 (AECOM, 2022c).

- *Sampling Event Factual Report – May 2022, RAAF Base Williamtown.* 25 November 2022 (AECOM, 2022g*).*
- *Sampling Event Factual Report – November 2022, RAAF Base Williamtown.* 4 May 2023 (AECOM, 2023c*).*
- *Sampling Event Factual Report – May 2023, RAAF Base Williamtown.* 17 November 2023 (AECOM, 2023e).
- *Sampling Event Factual Report – November 2023, RAAF Base Williamtown.* 17 April 2024 (AECOM, 2024).

2.0 Site Setting

2.1 Site Description

The site identification and setting are summarised in **Table 1** below:

Table 1 Site Identification and Setting Summary

Element	Description
Site ID	0908
Site Location	The base is located at Medowie Road, approximately 15 km north of the Newcastle NSW central business district and is located in the Port Stephens local government area, as shown in **Figure F1** in **Appendix A**.
Regional Meteorology	The Bureau of Meteorology (BoM) Williamtown RAAF weather station (number 061078) has recorded data since 1942 and presents a record of approximately 80 years. Review of the BoM data for the monitoring period indicates the following: • Mean monthly maximum temperatures varied from 17.8°C in July 2021 to 32.1°C in December 2023. • The annual rainfall recorded at the base was 1,556.0 mm in 2021, 1,472.0 mm in 2022, 822.8 mm in 2023. Assessment of rainfall during the monitoring period against the mean rainfall is presented in **Section 6.3**. • The mean rainfall for all years on record was 1,128.2 mm per annum. • The lowest recorded annual rainfall was 541 mm in 1980 and the highest annual rainfall was 1,794 mm in 1963. The highest monthly rainfall generally occurs between January and June (averaging >100 mm per month), with the lowest rainfall in July to December (averaging 74 mm per month) (BoM, 2023).
Topography and Hydrology	The base and Management Area are situated in a generally low-lying area associated with the Lower Hunter River. The region is characterised by low sand dunes, sand sheets and estuarine mud flats. The overall change in elevation across the base and Management Area is less than 10 m (AECOM, 2017a). The base is surrounded by an interconnected network of drains, rivers, estuaries, reservoirs and coastal waterbodies within the catchment areas of both the Hunter River and Port Stephens estuary. The major elements of the regional surface water drainage network include: • Dawsons Drain, the Fourteen Foot Drain and the Ten Foot Drain, which are located to the south of the base and drain into Fullerton Cove (**Figure F1** in **Appendix A**). • Moors Drain and Tilligerry Creek, which are located to the east and southeast of the base and drain to the north east into the Tilligerry Creek (**Figure F1** in **Appendix A**) arm of Port Stephens. Additionally, the following regional waterbodies are present in the area: • Grahamstown Lake/Dam located approximately 2 km north of the base. • Campvale Drain located 1.5 km to the north of the base. • Tilligerry Creek estuary located approximately 6 km to the east.

Element	Description
	• Port Stephens located approximately 10 km northeast. • Fullerton Cove located approximately 3 km to the southwest. • Hunter River Estuary located approximately 7 km southwest and west. • Pacific Ocean located approximately 4.5 km to the south/southeast.
Geology and Hydrogeology	The geology of the base and Management Area comprises unconsolidated sands (Tomago Sand Beds and Stockton Sand Beds) underlain by estuarine sediments (Tilligerry Mud Member). The hydrogeology of the area is characterised by two unconfined sand aquifers: • Tomago Sand Beds aquifer located northwest of Tilligerry Creek. • Stockton Sand Beds aquifer located between Tilligerry Creek and the Newcastle Bight. The Tomago Sand Beds aquifer is highly permeable and readily infiltrated by rainwater owing to the nature of the relatively coarse-grained aquifer material and shallow water table. The aquifer in the Stockton Sand Beds is approximately 10 to 20 m thick and is composed primarily of sands. PFAS source areas on the base are located on the Tomago Sandbeds and PFAS migration in groundwater appears to occur principally within that aquifer. Further migration of the PFAS plume appears to be restricted by the north-westerly groundwater flow of the Stockton Sandbeds and by the presence of the confining effects of the Tilligerry Mud Member. Groundwater as part of this study has been considered from a range of depths to consider the nature of PFAS contaminants in the environment. These include: • Shallow groundwater screened primarily between 4-6 metres below ground surface. • Intermediate groundwater screened between 10-14 metres below ground surface. • Deep groundwater greater than 16 metres below ground surface.
Vegetation	The base is bounded by the Tilligerry State Conservation area to the northwest and east. The base and immediate surrounding areas comprise a mix of remnant and densely populated native vegetation with some non-native species which extends some 15 km to the east of the base and some 13 km to the west. The heavily populated vegetations areas that surround the base to the north, east and west are punctuated by tracks, roads, transmission lines and other linear infrastructure. The base is part of a broader low-lying marsh ecosystem and is often inundated, more prevalent to the north of the base which is naturally lower lying. Vegetation according to the Hunter, Central & Lower North Coast Vegetation Classification & Mapping Project Volume 1: Vegetation Classification technical report, report prepared by HCCREMS (2009) notes the following plant community type (PCT)/vegetation groups on-base and in surrounding areas:

Element	Description
	• PCT 1707: Banksia oblongifolia – Hakea teretifolia – Leptocarpus tenax – Lepyrodia scariosa wet heath on sandstone ranges of the Central Coast. • PCT 1647: Red Bloodwood – Smooth-barked Apple heathy woodland on coastal sands of the Central and lower North Coast. • PCT 1651: Parramatta red gum – Fern-leaved banksia – Melaleuca sieberi swamp woodland of the Tomaree Peninsula. • PCT 1721: Swamp Mahogany – Broad-leaved Paperbark – Saw Sedge – Yellow Marsh Flower swamp forest of coastal lowlands. • PCT 1650: Parramatta Red Gum – Rough-barked Apple – Swamp Mahogany – Paperbarks swamp forest on lowlands of the Central Coast. The condition of vegetation on-base (and surrounding) appears to primarily be in good condition with little disturbance, however some areas of regeneration are evident in areas on-base.
Current and Previous Land Use (on-base)	The base has been an active Defence base since 1941 and serves as the headquarters to both the Air Combat Group and the Surveillance and Response Group. In 2014, it was designated as the home base for Australia's F-35 Joint Strike Fighters. Activities undertaken on-base include training of Defence personnel in fire-fighting techniques, for which fire-fighting foams are used. PFAS was an active ingredient in legacy fire-fighting foams used at the base since the early 1970s, which have started to be phased out since 2004. Defence has transitioned to Ansulite foam, which contains PFOS and PFOA only in trace amounts, and is only used by Defence in emergency situations, or in controlled environments to test equipment.
Current and Previous Land Use (off-base)	Comprise rural and semi-rural settlements at Fullerton Cove and Salt Ash, small commercial properties and the Salt Ash Primary School. Tilligerry State Conservation area, managed by National Parks and Wildlife Service and occupying approximately 7.6 km^2, immediately borders the base to the west, north and east. Hunter Water Corporation (HWC) pumping stations and groundwater extraction bore fields are located to the west, north and east of the base.

2.2 Management Area

The boundary of the initial Investigation Area was defined by the NSW Government in late 2015. Following the publication of the Environmental Site Assessment report in December 2017, the NSW Government superseded the Investigation Area with the establishment of the Williamtown Management Area as described below.

The Management Area comprises three zones described below and illustrated on the NSW Government map presented in **Appendix D**:

- **Primary Management Zone** – this area has significantly higher levels of PFAS detected and therefore, the strongest precautionary advice applies.
- **Secondary Management Zone** – this area has some detected levels of PFAS.
- **Broader Management Zone** – the topography and hydrology of the area means PFAS detections could occur now and into the future.

The NSW Government noted that each zone has tailored precautionary advice for residents to minimise exposure to PFAS from the base.

2.3 PFAS Source Areas and Distribution

Source areas can be primary or secondary. Primary sources are generally areas of PFAS contamination where aqueous film forming foam (AFFF) was used or stored, for example a fire training area. Secondary sources are areas where PFAS accumulates and then continues to feed into the environment, such as Lake Cochran. PFAS can travel from a source to human or environmental receptors by surface water and groundwater. These are referred to as “migration pathways”.

The updated PMAP (Defence, 2023) provides an updated list of the PFAS sources, and the migration pathways based on the natural catchments across the base and Management Area **(Figure F1** in **Appendix A**), as follows:

- Western Region – characterised by the Former Fire Training Area (FFTA) source that is now remediated, and a PFAS groundwater plume extending south away from the source through the former Demolition of Explosive Munitions Site (DEMS) landfill. A substantial proportion of the western plume is still on-base.
- Central Region – characterised by ongoing sources at the Former Fire Training Pad /Current Fire Station (Facility 165) and the Sewage Treatment Plant (Facility 410); with PFAS groundwater plumes extending south across the base boundary. The concentrations of PFAS south of the base and north of Cabbage Tree Road were likely sourced from Lake Cochran, which was impacted when AFFF were still in use at the base. However, Lake Cochran is no longer considered a significant ongoing PFAS source to groundwater. PFAS in the central southern plume discharges into Leary’s and Dawsons Drain.
- Eastern Region – characterised by likely sources at the Trade Waste Treatment Plant (Facility 480) and the Former Fuelling Area, with PFAS groundwater plumes extending east across the base boundary, and PFAS impacted surface water discharges to Moors Drain.

The dominant regional groundwater flow direction is to the south and southwest, with Tomago Sand Beds aquifer flowing towards Fullerton Cove in the western portion of the base, while also flowing in a south easterly direction in the eastern portion of the base. Groundwater from the Stockton Sand Beds aquifer flows in a north westerly direction towards Tilligerry Creek. The PFAS plumes originating from the multiple primary sources on-base is merging and moving southward.

It is also inferred that PFAS impacted groundwater recharges the surface water drainage systems located south of the base. PFAS is also present in groundwater to the east of the base, including Salt Ash, inferred to be related to PFAS in surface water migrating along the drain network (Moors Drain and associated tributaries) before infiltrating to groundwater.

2.3.1 Groundwater Impact

The groundwater flow patterns broadly reflect the regional drainage. Groundwater levels below sea level in the area are likely to reflect the groundwater depressurisation caused by the deeper drainage features such as the Fourteen Foot Drain and Ten Foot Drain.

The horizontal hydraulic gradient ranges from about 0.001 metres per metre (m/m) to about 0.0025 m/m (AECOM, 2017b). The gradient is indicated to be slightly steeper on-base (0.0025 m/m) and flattens out towards the depression (0.001 m/m).

The distribution in vertical hydraulic gradients varies across the base area, with no pattern defined at this stage. It may reflect the degree of interaction with surface water, with gaining surface water bodies associated with upward gradients and losing surface water bodies associated with downward gradients.

Seasonal groundwater level fluctuations were noted with up to 0.8 m of change in some locations that coincided with low rainfall between May 2023 and November 2023.

The two main primary sources of PFAS in surface water and groundwater at the base are the FFTA (Western Region) and the former Fire Training Pad (FTP) (Central Region). Historical releases during training at the FFTA have resulted in a groundwater plume extending south from the FFTA with the current toe of the plume approximately 250 m south of the base boundary which likely upwells into Dawsons Drain.

Based on recent investigations, the DEMS Landfill is not considered to be acting as a primary PFAS source, and that the high concentrations of PFAS in this area originated from the FFTA.

The remediation measures for the FFTA (including soil excavation and installation of a pump and treat system) have resulted in detachment of the plume from the source, however, the detached plume is still migrating towards the southern base boundary. Defence is currently planning for the extraction of groundwater along the southern boundary of the base to target this plume as per the PMAP (Defence, 2023).

Historical releases at the FTP are likely to be the source of the PFAS impacts to surface water in the Central Region (surface drains on-base, water in Lake Cochran, and Dawsons Drain) as well as the groundwater plume extending from the FTP greater than 500 m off-base to the south (as of November 2023). The central region plume (southern plume) discharges to the surface in Leary's Drain which eventually discharges to Fullerton Cove.

It is also likely that the FTP is a potential contributing source for the groundwater plume in the Eastern Region, as well as surface water PFAS discharges to Moors Drain.

Based on recent investigations, the North East Landfill is not considered to be acting as a primary PFAS source, and the discharge of PFAS in groundwater across the base boundary in the Eastern Region has been estimated to be relatively minor (less than 1% of total PFAS discharge in groundwater leaving the base).

2.3.2 Surface Water Impact

Based on the studies completed to date, a key driver behind the distribution of PFAS is primarily due to the location of the base, which is within estuarine and coastal wetlands that have been reclaimed through a network of drains, which were constructed to convert low lying swampy land into dry land and improve the land use.

There is a widespread drain network on and surrounding the base. **Figure F3** in **Appendix A** shows two key drains that collect surface and drainage water from the base and discharge water towards a topographic depression running in a southwest to northeast direction, south and east of the base are:

- Dawsons Drain, which drains the western portion of the base towards the south in direction of Fullerton Cove (a shallow embayment of the nearby Hunter River).
- Moors Drain, which drains the eastern portion of the base (via three branches) to the northeast in the direction of the mouth of Tilligerry Creek.

Dawsons Drain receives a significant amount of runoff from parts of the base with multiple known PFAS source areas. Much (but not all) of this water accumulates in Lake Cochran before overflowing to Dawsons Drain. Modelling has supported the CSM assumption that Lake Cochran appears to have contributed PFAS to groundwater which then migrates south of the base and flowing in a south westerly direction for approximately 2.7 km. Dawsons Drain passes under Cabbage Tree Road before discharging into the Fullerton Cove Ring Drain, which discharges to Fullerton Cove via tidal gates. South of the base, Dawsons Drain likely receives upwelling groundwater containing the PFAS plume. Dawsons Drain is unlined and provides a direct pathway to the shallow groundwater.

The eastern side of the base drains via three drainage channels which form two principal branches (Northern Branch and Southern Branch, refer to **Figure F1** in **Appendix A**) and merge approximately 1 km east of the base to form the man-made Moors Drain which flows approximately 7 km north east to discharge via tidal floodgates into the Tilligerry Creek Estuary, which forms part of Port Stephens. Moors Drain receives runoff from the eastern part of the base and is a losing drain (i.e., drain water infiltrates to groundwater) along much off its length. It appears to contribute to secondary PFAS groundwater impacts to the north east of the base towards Salt Ash and then to Tilligerry Creek Estuary.

It is understood that water flow from the base drainage network into Moors Drain only ceases following a prolonged dry period when groundwater levels drop due to limited infiltration and recharge. Moors Drain is unlined and provides a direct pathway to the shallow groundwater.

3.0 Sampling and Analytical Methodology

3.1 Sampling Methodology

The SAQP outlines the proposed schedule and rationale for sampling, prescribing six-monthly (biannual) groundwater, surface water, sediment and soil sampling at the base and Management Area, and annual aquatic biota sampling in Fullerton Cove.

The SAQP provides the list of groundwater monitoring wells, surface water, sediment, soil and biota locations sampled during each sampling event, along with the sampling methodology for each of the media. The SAQP revisions utilised throughout the monitoring period are listed in the **Table 2** below. The SAQP prepared ahead of the November 2023 biannual sampling event has been included in **Appendix F**.

A summary of the OMP monitoring events completed in general accordance with the SAQP between July 2021 and December 2023 is provided in **Table 2** below.

Table 2 Summary of Monitoring Events (July 2021 to December 2023)

Monitoring Event (Sampling dates) ***Relevant SAQP***	**Total Locations in Scope as per SAQP**	**Total Locations Sampled**
November 2021 Biannual sampling event (8 – 30 November 2021) *SAQP Rev E: AECOM, 2021c*	101 GW	92 GW
	23 SW	21 SW
	26 SD	24 SD
	12 SS	12 SS
February 2022 Annual biota sampling event* (23 February 2022) *SAQP Rev E: AECOM, 2021c*	12 composite biota	12 composite biota
May 2022 Annual sampling event (16 May 2022 – 2 June 2022) *SAQP Rev G: AECOM, 2022b*	157 GW	130 GW
	23 SW	20 SW
	26 SD	23 SD
	12 SS	12 SS
November 2022 Biannual sampling event (7 – 25 November 2021) *SAQP Rev I: AECOM, 2022f*	95 GW	93 GW
	22 SW	21 SW
	25 SD	24 SD
	12 SS	12 SS
May 2023 Annual sampling event (8 May 2023 – 26 May 2023) *SAQP Rev J: AECOM, 2023b*	147 GW	139 GW
	22 SW	22 SW
	25 SD	25 SD
	12 SS	12 SS
November 2023 Biannual sampling event (20 – 28 November 2023) *SAQP Rev K: AECOM, 2023d*	94 GW	92 GW
	22 SW	21 SW
	25 SD	25 SD

Notes: GW = groundwater, SW = surface water; SD = sediment, SS = surface soil

All samples were analysed for PFAS extended suite.

Some locations could not be sampled during the sampling events. Impediments and changes to the proposed sampling locations encountered are detailed in **Section 3.2**, however it is considered that the data collected during the monitoring period is sufficient to meet the objectives of the OMP.

3.2 Deviation from OMP requirements

Deviations from the scope outlined in SAQP for the monitoring period are summarised in **Table 3** below.

Table 3 Deviations from SAQP during the monitoring period

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
Biannual Sampling Event – November 2021		
102 groundwater locations are identified to be sampled as part of the biannual sampling event	Monitoring wells MW280D, MW315D, MW315S and MW814 were not sampled due to access to the locations being flooded.	Given that nearby monitoring wells MW241S/MW241D (to MW280D, MW315D/MW315S) and MW134S/MW134D (to MW814) were able to be gauged and sampled, the lack of sampling data from these locations was not considered to present a significant data gap. MW315D/MW315S were subsequently accessed and sampled during the May 2022 annual sampling event. MW814 was not located in May 2022 and was subsequently removed from the program, ahead of the November 2022 event.
	Monitoring well MW177 was not sampled due to dense vegetation blocking the access track on Port Stephens Council Land.	Given that nearby monitoring wells MW178 and MW238S/MW238D were able to be gauged and sampled, the lack of sampling data from MW177 was not considered to present a significant data gap. MW177 was not able to be accessed in May 2022 and was subsequently removed from the program, ahead of the November 2022 event.
	Monitoring wells MW139 and MW230S were not sampled as contact could not be made for access with the property owners.	Given that nearby monitoring wells MW124, MW236S/MW236D (to MW139) and MW146AD/MW146S and MW231S/MW231D (to MW230S) were able to be gauged and sampled, the lack of sampling data from these locations was not considered to present a significant data gap. MW139 and MW230S were subsequently accessed and sampled during the May 2022 annual sampling event.
	Monitoring well MW122 was not sampled as the well could not be located. The well was likely buried beneath soil or gravel observed in the area.	The lack of data at this location for the November 2021 event was considered to have minimal impact on the dataset, as MW122 has historical data and was subsequently accessed and sampled during the May 2022 annual sampling event.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
	Monitoring well MW826 was not sampled as the well could not be located. The well was likely buried beneath the sand observed in the area. Note that AECOM attempted to locate this well on two separate occasions using a metal detector.	Given that nearby monitoring wells MW132S/MW132D, MW160 and MW829 were able to be sampled, the lack of sampling data from MW826 was not considered to be a significant data gap. MW826 was not located in May 2022 and was subsequently removed from the program, ahead of the November 2022 event.
	Monitoring well MW317S and bore water sampling point POT085, both scheduled to be sampled under the OMP on an annual basis, were inadvertently sampled during the biannual event in November 2021.	The additional data collected from these locations has no significant impact to the dataset and for completeness they are presented in the tables together with the rest of the data collected during the same event.
	Bore water sampling point POT382, although not in the OMP scope, it was sampled during the biannual event in November 2021, at request of the landowner as part of the sampling of other wells (MW231S and MW231D) at the same property.	The additional data collected from POT382 has no significant impact to the dataset and supports the other groundwater locations on the same property. Subsequently, this location was added to the OMP scope, to be sampled on a biannual basis, commencing in May 2022.
23 surface water locations are identified to be sampled as part of the biannual sampling event	AECOM was unable to collect a sample from proposed surface water location SW011 as access to the location was flooded.	Given that surface water samples were able to be collected downstream of this location at SW014 and SW005, the lack of sampling data from SW011 was not considered to be a significant data gap. SW011 was subsequently accessed and sampled in May 2023, when the area was found to no longer be flooded.
	AECOM was unable to collect a sample from proposed surface water location SW072 as contact could not be made with the property owner. SW072 was later removed as it was inaccessible during the 2021 sampling events. However, it was replaced with SW600 located near the location of SW072 and sampled first time in November 2022.	Given that a surface water sample was able to be collected upstream of this location at SW062, the lack of sampling data from SW072 was not considered to be a significant data gap. Access to SW072 was not able to be arranged with the property owner in May 2022 and was subsequently removed from the program, ahead of the November 2022 event.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
26 sediment locations are identified to be sampled as part of the biannual sampling event	AECOM was unable to collect a sample from proposed sediment location SD011 due to access to the locations being flooded.	Given that sediment samples were able to be collected downstream of this location at SD014 and SD005, the lack of sampling data from SD011 is not considered to be a significant data gap. SW011 was subsequently accessed and sampled in May 2023, when the area was found to no longer be flooded.
	AECOM was unable to collect a sample from proposed sediment location SD072 as contact could not be made with the property owner.	Given that a sediment sample was able to be collected upstream of this location at SD062, the lack of sampling data from SD072 was not considered to be a significant data gap. Access to SD072 was not able to be arranged with the property owner in May 2022 and was subsequently removed from the program, ahead of the November 2022 event.
Annual Biota Sampling Event – February 2022		
Nets will be placed over night in the target locations and will be collected the following morning.	Due to adverse weather conditions at the time of the sampling event, nets were placed in the target locations and were collected within three hours for both luderick and dusky flathead, rather than being left in place overnight.	This change in methodology was not considered to impact on the dataset given that sufficient numbers of dusky flathead and school prawns were collected, and DPI Fisheries advised that it was unlikely that any additional luderick would be collected due to their scarcity at the time of the sampling event.
Four composite samples to be collected per event, per target species. Each composite sample will comprise of up to 10 individual specimens and will be prepared at the laboratory under the laboratory's supervision.	Due to the limited availability of luderick in Fullerton Cove during the February 2022 sampling event, DPI Fisheries were unable to obtain the target quota of individual luderick specimens to prepare four composite samples (containing up to 10 individual specimens). A total of six luderick (out of a target of 40) were collected during the sampling event. As a result, DPI Fisheries prepared two composite samples containing two individual specimens and two samples containing one specimen.	While the composite samples for luderick contain fewer individual specimens than specified in the SAQP, AECOM considers the data obtained for luderick from this sampling event were reliable given that the results were within the historical data range.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
Annual biota sampling events are to be completed in January 2022, commencing in December 2021.	The sampling event was completed in February 2022. Due to pronged wet weather conditions, and the reported scarcity of sentinel species in Fullerton Cove, DPI Fisheries recommended delaying the start of the annual biota sampling event until February 2022 in an effort to collect the target number of individual specimens.	This change in sampling period was not considered to impact on the dataset given that it was recommended by DPI Fisheries to enable the collection of targeted species.
Fish to be euthanised by blunt force trauma followed by exsanguination	The fish were euthanised by ice in water, rather than the methodology specified in the SAQP. This alternative method was considered by DPI Fisheries to be suitable and within their permit.	This change in methodology was unlikely to impact on the dataset.
Records of live bycatch	DPI Fisheries did not record details of live bycatch.	While this is noted to be a deviation from the SAQP, it was not considered to impact the reliability of the data collected.
Annual Sampling Event – May 2022		
157 groundwater locations are identified to be sampled as part of the biannual sampling event	Monitoring wells MW103S, MW103D, MW107S and MW107D, located to the west of the base, were in flooded areas and could not be sampled.	Given that nearby monitoring wells MW280S, MW135S/MW135D and MW241S/MW241D were able to be gauged and sampled, the lack of sampling data from these locations was not considered to present a significant data gap. MW107S/MW107D were subsequently accessed and sampled during the November 2022 biannual sampling event. MW103S/MW103D, annual sampling locations, were not able to be accessed during the subsequent May 2023 annual sampling event.
	Monitoring well MW120, located to the east of the base, was covered by a stockpile of road base and could not be accessed and therefore not sampled.	The lack of sampling data from MW120 presents a potential data gap in monitoring the eastern edge of the PFAS plume, however nearby wells MW121 and MW279S, which were able to be sampled, provided reasonable coverage to the east and south of MW120. MW120 was subsequently removed from the program, ahead of the November 2022 event.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
	Monitoring wells MW125S, MW125D, MW146S, MW188D, MW229S, MW229D, MW278S and MW278D located to the south of the base, were either: • buried beneath stockpiles of soil associated with the Cabbage Tree Road upgrade works (MW125S, MW125D and MW188D). • could not be located or accessed in areas of overgrown vegetation (MW146S, MW229S and MW229D). • could not be accessed due to flooding in the area (MW278S and MW278D).	The lack of sampling data from MW146S, MW188D, MW278S and MW278D was not considered to present a significant data gap as nearby monitoring wells MW146AD, MW147S, MW147D, MW188S, MW126S/MW126D and MW230S were able to be sampled and provide sufficient coverage of this area. MW146S and MW278S/MW278D were subsequently accessed and sampled during the November 2022 biannual sampling event. The lack of sampling data from MW125S, MW125D, MW229S and MW229 presented a potential data gap in monitoring the south western extent of the western plume. However, it is noted that MW125S/MW125D were subsequently accessed and sampled during the November 2022 biannual sampling event. MW229S/MW229D, annual sampling locations, were not able to be found during the subsequent May 2023 annual sampling event. These locations were subsequently removed from the program.
	Monitoring wells MW177, MW226S and MW226D, located to the south of the base, could not be located or accessed in areas of overgrown vegetation and not sampled.	Given that nearby monitoring wells MW184S/MW184D, MW104S/MW104D, MW731S and MW188S were able to be sampled, the lack of sampling data from these locations was not considered to be a significant data gap. MW177, MW226S/MW226D were subsequently removed from the program, ahead of the November 2022 event.
	Monitoring well MW130S was located in a flooded area and could not be sampled.	Given that paired monitoring well MW130S and nearby monitoring wells MW159S and MW159D were able to be sampled, the lack of sampling data from MW155 was not considered to be a significant data gap. MW130S was subsequently accessed and sampled during the November 2022 biannual sampling event.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
	Monitoring well MW155 in the northern portion of the base was covered by pipes associated with construction works and could not be sampled.	Given that nearby monitoring wells MW406, MW245S and MW245D were able to be sampled, the lack of sampling data from this location was not considered to be a significant data gap. MW155, an annual sampling location was subsequently accessed and sampled during the following May 2023 annual sampling event.
	Access to sample monitoring well locations MW235D, MW235S, MW267D and MW267S, located on private properties to the south of the base were declined by the property owner and therefore were not sampled.	Given that nearby monitoring wells MW233S/MW233D, MW268S and down hydraulic gradient wells MW270S/S270D were able to be sampled, the lack of sampling data from these locations was not considered to be a significant data gap. As the property owners opted out of participating in the OMP, MW235S/MW235D and MW267S/MW267D were subsequently removed from the program, ahead of the November 2022 event.
	Monitoring wells MW266S and MW266D, located to the south of the base, were located in a flooded area and could not be sampled.	Given that monitoring wells MW233S/MW233D, MW147S/MW147D and MW270S/MW270D were able to be sampled, the lack of sampling data from these locations was not considered to be a significant data gap. MW266S/MW266D were subsequently removed from the program, ahead of the November 2022 event.
	Monitoring well MW252S, located to the east of the base, was unable to be accessed due to localised flooding and could not be sampled.	Given that nearby monitoring wells and residential bores MW123, POT087 and POT089 were able to be accessed and sampled, the lack of sampling data at this location was not considered to present a significant data gap. MW252S, an annual sampling location, was subsequently accessed and sampled during the following May 2023 annual sampling event.
	Monitoring well MW814, located in the northern portion of the base was within a flooded area and could not be sampled.	Given that nearby monitoring wells MW317S/MW317D and MW134I/MW134D were able to be sampled, the lack of sampling

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
		data from this location was not considered to be a significant data gap. MW814 was subsequently removed from the program, ahead of the November 2022 event.
	Monitoring well MW826, located to the east of the base, could not be located and was therefore could not be sampled.	Given that nearby monitoring wells MW132S/MW132D, MW160 and MW829 were able to be sampled, the lack of sampling data from this location is not considered to be a significant data gap. MW826 was subsequently removed from the program, ahead of the November 2022 event.
23 surface water locations are identified to be sampled as part of the biannual sampling event	Surface water sample location SW011 was located in a flooded area and could not be sampled.	Given that surface water samples were able to be collected downstream of this location at SW014 and SW005, the lack of sampling data from SW011 was not considered to be a significant data gap. SW011 was subsequently accessed and sampled in May 2023, when the area was found to no longer be flooded.
	No surface water samples were collected at location SW072 as the private property owner declined access to their property.	Given that a surface water sample was able to be collected upstream of this location at SW062, the lack of sampling data from SW072 was not considered to be a significant data gap. As the property owner opted out of participating in the OMP, SW072 was subsequently removed from the program, ahead of the November 2022 event, and replaced with SW600.
	No surface water sample was collected at location SW082 as the private property owner declined access to their property.	Given that surface water samples were able to be collected upstream of this location within Ten Foot Drain at SW081, the lack of sampling data from SW082 was not considered to be a significant data gap. As the property owner opted out of participating in the OMP, SW082 was subsequently removed from the program, ahead of the November 2022 event.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
26 sediment locations are identified to be sampled as part of the biannual sampling event	Sediment sample location SD011 was located in a flooded area and could not be sampled.	Given that sediment samples were able to be collected downstream of this location at SD014 and SD005, the lack of sampling data from SD011 was not considered to be a significant data gap. SD011 was subsequently accessed and sampled in May 2023, when the area was found to no longer be flooded.
	No surface water samples were collected at location SD072 as the private property owner declined access to their property.	Given that a sediment sample was able to be collected upstream of this location at SD062, the lack of sampling data from SD072 was not considered to be a significant data gap. As the property owner opted out of participating in the OMP, SD072 was subsequently removed from the program, ahead of the November 2022 event, and replaced with SD600.
	No sediment sample was collected at location SD082 as the private property owner declined access to their property.	Given that surface water samples were able to be collected upstream of this location within Ten Foot Drain at SD081, the lack of sampling data from SD082 is not considered to be a significant data gap. As the property owner opted out of participating in the OMP, SD082 was subsequently removed from the program, ahead of the November 2022 event.
Groundwater samples will be collected from monitoring wells using no-purge methodology with HydraSleeves™	Due to the absence or failed deployment of the HydraSleeve™ in monitoring wells MW108S, MW109D, MW126, MW171S, MW209S, MW245S, MW280S and MW829, samples were collected using dedicated disposable bailers.	The change in sampling methodology was not considered to impact the reliability of the data given that the concentrations of PFAS reported during this round were within the same order of magnitude of previous results.
	Due to the narrow PVC of monitoring wells MW842 and MW844, no HydraSleeve™ was able to be installed, and a grab sample was collected using a peristaltic pump with dedicated sample tubing.	Note that this sampling methodology had been previously used at these locations under the OMP scope of works, and that the SAQP was subsequently updated to reflect the need for a separate sampling methodology for these two locations. Therefore, the deviation from the sampling method was not considered to impact the reliability of the dataset.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
Biannual Sampling Event – November 2022		
94 groundwater locations are identified to be sampled as part of the biannual sampling event	Groundwater monitoring wells MW209S and MW209D were covered by a soil stockpile and could not be gauged and sampled during this event.	The lack of gauging and sampling data for MW209S and MW209D was not considered to have a significant impact on the dataset, or present a significant data gap, as two other monitoring wells (MW165D and MW433) within the same area were able to be gauged and sampled during this event. MW209S/MW209D were not able to be accessed during the subsequent sampling events 2023.
	Groundwater location POT107 was erroneously sampled during this sampling event. The location was scheduled to be sampled on an annual basis instead, as such it was not due to be sampled in November 2022 but in May 2023.	The additional data collected was not considered to have an impact on the dataset. PFAS results for POT107 from this sampling event were within historical ranges for the location.
22 surface water locations are identified to be sampled as part of the biannual sampling event	Surface water location SW011 was inaccessible, due to the access path being flooded, and could not be sampled during this sampling event.	The lack of sampling data for SW011 was not considered to have a significant impact on the data or present a significant data gap, as two upstream surface water locations (SW005 and SW014) and one downstream surface water location (SW009) were able to be sampled. SW011 was subsequently accessed and sampled in May 2023, when the area was found to no longer be flooded.
	An unscheduled foam sample was collected in the vicinity of a scheduled surface water location, SW024. Note that during the sampling event, foam of unknown origin was observed at off-base surface water location SW024 (targeting Tilligerry Creek). A surface water sample at SW024 was collected as per the SAQP. An unscheduled, opportunistic sample of the foam was also collected and submitted to the laboratory for PFAS analysis. The sample was denoted as OTH075	There is no impact to the OMP dataset collected as the location is not part of the OMP. The results of the foam sample (OTH075) confirmed high concentrations of PFAS.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
	and, upon arrival to the laboratory, was separated into a distinct laboratory report, as it is not part of the OMP scope.	
25 sediment locations are identified to be sampled as part of the biannual sampling event	Sediment location SD011 was inaccessible, due to the access path being flooded, and could not be sampled during this sampling event.	The lack of sampling data for SD011 was not considered to have a significant impact on the data or present a significant data gap, as two upstream sediment locations (SD005 and SD014) and one downstream surface water location (SD009) were able to be sampled. SD011 was subsequently accessed and sampled in May 2023, when the area was found to no longer be flooded
Annual Sampling Event – May 2023		
147 groundwater locations are identified to be sampled as part of the biannual sampling event	Groundwater monitoring wells MW103S and MW103D could not be accessed due to dense bushland and wet/overgrown tracks, therefore could not be gauged and sampled during this event. Groundwater monitoring well MW118 was observed to be damaged and blocked at 0.915 mbTOC, therefore could not be sampled during this event. The gatic was likely damaged as a result of the recent roadworks in the area (on Richardson Road). Groundwater monitoring wells MW209S and MW209D were covered by a soil stockpile and could not be gauged and sampled during this event. Groundwater monitoring wells MW229S and MW229D could not be located due to dense grass cover, despite the use of a metal detector, therefore could not be gauged and sampled during this event.	The lack of gauging and sampling data for these monitoring wells was not considered to have a significant impact on the dataset, or present a significant data gap, as other nearby monitoring wells were able to be gauged and sampled during this event, as follows: • MW315S/D and MW280S for MW103S/D • MW123 and MW256S for MW118 • MW126D and MW188S for MW188D • MW156D and MW433 for MW209S/D • MW125S/D and MW146S/AD for MW229S/D MW103S/MW103D, MW188D, MW229S/MW229D, all annual sampling locations, were not visited for sampling during the subsequent November 2023 biannual sampling event. MW118 was subsequently accessed and sampled in November 2023. MW209S/MW209D were not able to be accessed in November 2023.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
	Groundwater monitoring wells MW270S and MW270D, located on a private property, were re-sampled during this event as the initial PFOS+PFHxS concentrations in MW270S were equal to the Drinking water guideline criteria (0.07 µg/L).	Given that the resampling of MW270S and MW270D confirmed the original results, there was no impact on the dataset.
	Groundwater location MW471 was inadvertently sampled during this sampling event as it was confused with the nearby location. The actual location was eventually sampled.	The additional data collected was not considered to have an impact on the dataset as the data was not considered for reporting purposes.
33 selected groundwater locations are scheduled to be gauged as part of the biannual sampling event	Groundwater monitoring wells MW188D, MW209S/D and MW229S/D were not able to be accessed (as described above).	The lack of gauging data for these monitoring wells was not considered to have a significant impact on the dataset, as other representative monitoring wells were able to be gauged, enabling development of the groundwater elevation contours.
	Groundwater monitoring wells MW122 and MW124 were not found during the initial visit on the gauging round, but were later located, gauged and sampled during the sampling event.	
22 surface water locations are identified to be sampled as part of the biannual sampling event	During the sampling event, foam of unknown origin was observed at off-base surface water location SW024 (targeting Tilligerry Creek), which was sampled in the previous sampling event. On a request by Defence, AECOM returned to the location the following week to collect a sample of the foam. Although the foam had dissipated upon return, the field team observed unknown material along the bank near the stormwater culverts. An unscheduled, opportunistic surface water sample and co-located sediment sample where the material was observed (denoted as SW158 and SD158) were collected and submitted for PFAS analysis.	The additional data collected was not considered to have an impact on the dataset, as surface water samples were collected from SW024. Data from SW158 and SD158 has been presented and discussed in this report in **Sections 7.2** and **Section 7.3**.

SAQP Requirement	Sampling Event Deviation	Impact of deviation on data set
In the event that a HydraSleeve™ fails to deploy or has been removed inadvertently (i.e. by non-OMP project), the sample will be collected using a dedicated disposable HDPE bailer, if time or access constraints do not permit re-deployment of the HydraSleeve™	Due to the narrow PVC of monitoring wells MW842 and MW844, no HydraSleeve™ was able to be installed, and a sample was collected using a peristaltic pump with dedicated sample tubing.	Note that these sampling methodologies have been previously used at these locations under the OMP scope of works, therefore there is no impact on the dataset. The SAQP was updated to reflect the need for a specific sampling methodology in these locations.
Biannual Sampling Event – November 2023		
94 groundwater locations are identified to be sampled as part of the biannual sampling event	Groundwater monitoring wells MW209S and MW209D were covered by a soil stockpile and could not be gauged and sampled during this event.	The lack of gauging and sampling data for these monitoring wells was not considered to have a significant impact on the dataset, or present a significant data gap, as other nearby monitoring wells MW156D, MW132S, MW132D, MW208, MW433 were able to be gauged and sampled during this event.
22 surface water locations are identified to be sampled as part of the biannual sampling event	Surface water location SW006 was dry and therefore could not be sampled.	The lack of sampling data was not considered to represent a significant data gap as a downstream surface water location (SW009) was sampled.
33 selected groundwater locations are scheduled to be gauged as part of the biannual sampling event	Groundwater monitoring wells MW209S/D were not able to be accessed (as described above).	The lack of gauging data for these monitoring wells were not considered to have a significant impact on the dataset, as other representative monitoring wells were able to be gauged, enabling development of the groundwater elevation contours.

4.0 Quality Assurance and Quality Control

Data validation pertaining to the data in this report has been previously completed and discussed within the individual factual reports listed in **Section 1.2**.

Data validation procedures employed in the assessment of the field and laboratory Quality Assurance and Quality Control data, completed as per Section 3.2 of the SAQP (AECOM, 2023d), indicated that the reported analytical results are representative of the sample locations and that the overall quality of the analytical data produced is acceptably reliable (i.e. >95% of the data was suitable for use and DQIs passed acceptance criteria) for the purpose of the factual report and this OMR.

All data collected during the monitoring period had been reviewed and uploaded to the Defence ESdat database in accordance with the Defence Contamination Management Manual requirements.

5.0 Assessment Criteria

Adopted screening criteria references national guidance in the form of PFAS National Environmental Management Plan (NEMP) (Heads of Environment Protection Authority Australia and New Zealand [HEPA], 2000), Defence estate and environmental strategies, and Defence PFAS-specific strategies and guidance. At the time of preparing this report, a number of guidance documents were available in Australia and referred to including:

- Heads of EPAs Australia and New Zealand (HEPA) 2020. *PFAS National Environmental Management Plan 2.0*. January 2020.
- Department of Health (DoH), 2017. *Health Based Guidance Values for PFAS for use in site investigations in Australia*. April 2017. This document is based on the works undertaken by Food Standards Australia New Zealand (FSANZ) in 2017 (FSANZ 2017).
- National Health and Medical Research Council (NHMRC), 2019. Guidance on Per and Polyfluoroalkyl Substances (PFAS) in Recreational Water. August 2019 (NHMRC 2019).
- National Environment Protection Council (NEPC), 2013. National Environment Protection (Assessment of Site Contamination) Measure 1999, Schedule B1, as amended in 2013 (NEPC 2013).

The adopted PFAS screening criteria to assess the data collected as part of the monitoring are presented in **Table 4**, **Table 5, Table 6** and **Table 7**.

Table 4 PFAS water criteria summary – Human Health

Media	Pathway	Compound	Criteria	Comment/Reference
Water – Groundwater and Surface Water	Drinking water	PFOS+PFHxS	0.07 µg/L	The values presented in the PFAS NEMP (HEPA, 2020) are from DoH 2017, which published final health-based guidance values for PFAS for use in site investigations in Australia. DoH utilised the Tolerable Daily Intake (TDI) for PFOS and PFOA from FSANZ, 2017 and the methodology described in Chapter 6.3.3 of the National Health and Medical Research Council's (NHMRC) Australian Drinking Water Guidelines (ADWG), 2016 to determine drinking water values. For PFHxS, DoH 2017 noted that '*FSANZ concluded that there was not enough toxicological and epidemiological information to justify establishing a tolerable daily intake. However, as a precaution, and for the purposes of site investigations, the PFOS tolerable daily intake should apply to PFHxS. In practice, this means that the level of PFHxS exposure should be added to the level of PFOS exposure; and this combined level be compared to the tolerable daily intake for PFOS*'. *All surface water and groundwater results were screened against these criteria.*
		PFOA	0.56 µg/L	

Media	Pathway	Compound	Criteria	Comment/Reference
Water – Surface Water	Recreational use	PFOS+PFHxS	2 µg/L	In August 2019, NHMRC released guidance on the assessment of PFAS in surface water. Rather than adopting an ingestion rate of 0.2 L of water per day (as per the ADWG formula), NHMRC adjusted this rate with consideration of an event frequency (150 events/year) to calculate an annual ingestion rate of 30 L per year. These values were adopted in the PFAS NEMP (HEPA, 2020). *All surface water results were screened against these criteria.*
		PFOA	10 µg/L	

Table 5 PFAS water criteria summary: Ecological

Media	Pathway	Chemical	Criteria	Comment/Reference
Water – Groundwater and Surface Water	Freshwater	PFOS	0.00023 µg/L	The values are from the PFAS NEMP (HEPA, 2020) which endorsed the Australian and New Zealand Guidelines for Fresh and Marine Water Quality. The 99% species protection level (for freshwater and interim marine) has been applied for high value conservation systems. This approach is generally adopted for chemicals that bioaccumulate and biomagnify in wildlife. It is proposed that the laboratory LOR is adopted for the purposes of preliminary screening of analytical water results, rather than sole use of the criteria value. *All groundwater and surface water samples were screened against these criteria. Assessment of these criteria against groundwater results are relevant at the point of discharge.*
		PFOA	19 µg/L	

Table 6 PFAS soil criteria summary: Human Health

Media	Pathway	Chemical	Criteria	Comment/Reference
Soil	Public Open Space	PFOS+PFHxS	1 mg/kg	The values presented in the PFAS NEMP (HEPA, 2020) are based on 20% of FSANZ TDI, i.e. up to 80% of exposure is assumed to come from other pathways. The assumptions utilised in the derivation of the criteria in terms of exposure are adopted from the NEPM (NEPC, 2013) Health Investigation Level C. The PFAS NEMP (HEPA, 2020) notes these soil guidance values should only be used to assess potential human exposure through direct soil contact, with simultaneous investigation of other factors including leaching, off-site transport, bioaccumulation and secondary exposure. Further, the degree of conservatism in the soil criteria means that exceeding these values does not necessarily indicate an unacceptable risk to human health, provided other exposure pathways are controlled. *All off-base soil results were compared against Public Open Space, given that the sample locations were in publicly accessible areas.*
		PFOA	10 mg/kg	

Table 7 PFAS soil criteria summary: Ecological

Media	Pathway	Chemical	Criteria	Comment/Reference
Soil	Interim soil ecological - indirect exposure	PFOS	0.01 mg/kg	The vales are presented in the PFAS NEMP (HEPA, 2020) which published interim guidance values for ecological receptors, for use in site investigations. The values were adopted from Canadian Federal Environmental Quality Guidelines (2017) for Commercial and Industrial use (coarse soil). The values are assumed to protect against potential impacts on freshwater life from PFOS originating from soil that may enter surface water and groundwater. The values are considered for interim use noting further research is required to review and amend (if necessary) these values for Australian conditions. *All soil results collected from off-base open space areas (flood area soil samples) were compared to interim soil ecological screening criteria.*
Soil	Interim soil ecological – direct exposure	PFOS	1 mg/kg	
		PFOA	10 mg/kg	

Table 8 PFAS criteria summary: Aquatic Biota

Media	Chemical	Criteria	Comment/Reference
Crustaceans, 2 – 6 years (all species)	PFOS	0.065 mg/kg	FSANZ (2017) *Perfluorinated chemicals in food.* Food Standards Australia New Zealand.
	PFOA	0.52 mg/kg	
	PFHxS	0.065 mg/kg	
Finfish, 2 – 6 years (all)	PFOS	0.0052 mg/kg	
	PFOA	0.041 mg/kg	
	PFHxS	0.0052 mg/kg	

It is noted that at the time this report was prepared no HEPA (2020) endorsed criteria was available for PFAS in sediments. Additionally, for the purpose of presenting data within this report, AECOM has focussed on PFOA, PFOS and PFOS+PFHxS i.e., those PFAS for which there is either human health and/or ecological assessment criteria and these PFAS are also known to be associated with the fire-fighting foams historically used at the base.

6.0 Contextual and Ancillary Information

6.1 PFAS Projects

6.1.1 Additional Analytical Data

Sampling and monitoring have been conducted on-base and within the Management Area in association with on-going PFAS characterisation sampling projects and operational monitoring. The below projects were conducted during the monitoring period:

- Southern Area (SA) WTP project monitoring:
  - AECOM undertook routine groundwater sampling to assess the effect of extracting PFAS impacted groundwater adjacent to the Southern Area (SA) and disposing of the water, after it has been treated using the SA Water Treatment Plant (WTP), via irrigation on the base. Given that impact by irrigation was well understood over the quarterly monitoring completed between 2019 and 2022, the monitoring ceased in 2022.
- FFTA WTP project monitoring:
  - AECOM undertook bi-annual monitoring to assess the effect of extracting PFAS impacted groundwater adjacent to the FFTA, treating and disposing the treated water via irrigation on the base. Given that impact by irrigation was well understood over the quarterly and biannual monitoring completed between 2018 and 2022, the monitoring ceased in 2022.
- Sewage Treatment Plant (STP) Lagoons Characterisation:
  - AECOM undertook sampling of 11 groundwater monitoring wells, 7 surface water locations, 64 soil sampling locations and 22 sediment sampling locations to assist in characterising PFAS impacts to a variety of media associated with the unlined effluent lagoons which support the STP. The sampling was completed between April 2021 and August 2021 and reported in AECOM (2021b).
  - The Groundwater Strategy Review, and subsequently the revised PMAP (Defence, 2023), utilised the findings of the characterisation.
- Moors Drain Catchment Study:
  - AECOM undertook groundwater sampling of 16 groundwater monitoring wells, 42 surface water locations, to assist in understanding PFAS sources in the eastern region which may be contributing to PFAS in surface water discharge via Moors Drain. The sampling was completed between January 2021 and October 2021, and reported in AECOM (2022e)
  - The study provided an understanding of the stormwater network and the interaction between groundwater and surface water within the Eastern Region. Note that further investigations are planned to further characterise the catchment to assist in understanding the extend of PFAS impacts and possible sources of PFAS within the catchment.
  - The Groundwater Strategy Review, and subsequently the revised PMAP (Defence, 2023), utilised the findings of the study.
- DEMS Area Characterisation:
  - AECOM undertook sampling of 48 groundwater wells, 6 surface water and 9 soil sampling locations to characterise the former landfill area. The sampling was completed between October 2020 and December 2020, and reported in AECOM (2020d).
  - The results indicated the PFAS groundwater plume at the landfill appears to be a continuous plume originating in the upgradient FFTA source area, moving in a southerly direction. The data also suggests that the DEMS Landfill is not a significant, current ongoing source of PFAS to groundwater.
  - The Groundwater Strategy Review, and subsequently the revised PMAP (Defence, 2023), utilised the findings of the characterisation.

- Northeast (NE) Landfill Characterisation:
  - AECOM undertook sampling of 29 groundwater wells, 4 surface water, 4 sediment and 176 soil sampling locations to assist in the refining PFAS data gaps and other non-PFAS contaminants for remediation planning purposes. The sampling was completed between June 2021 and January 2023, and reported in AECOM (2023a).
  - The results indicated that the NE Landfill is no longer a significant contributor to the PFAS plume.
  - The Groundwater Strategy Review (Geosyntec, 2022), and subsequently the revised PMAP (Defence, 2023a), utilised the findings of the characterisation.
- Western Region Groundwater:
  - To support the findings in the Groundwater Strategy Review (Geosyntec, 2022) and actions outlined in the PMAP (Defence, 2023) installation of additional groundwater extraction wells has been completed along the base boundary. Groundwater monitoring and groundwater pump testing activities of new and existing groundwater wells were completed between September 2023 and December 2023.
  - The sampling completed as part of the works showed the PFOS+PFHxS concentrations ranged between 0.62 µg/L and 60.6 µg/L, with the highest concentrations centrally located along the southern boundary of the Western Region.

Where applicable, the data from these projects have been utilised to update the understanding of the CSM and evaluate changes in the characteristics of the PFAS plume.

It is noted that the Groundwater Strategy Review was completed and released in October 2022, and is reported as *Remediation Options Assessment, Royal Australian Air Force Base Williamtown* (Geosyntec, 2022). The review included groundwater modelling to assess the effectiveness of PFAS remediation and management works to date and evaluate whether alternative approaches could be adopted. The outcomes of the Groundwater Strategy Review (Geosyntec, 2022) have been used to update the 2019 PFAS Management Area Plan (PMAP) which was released by Defence in 2023 (Defence, 2023a).

6.1.2 Surface Water Mass Flux Baseline Sampling

Surface water mass flux baseline monthly sampling was conducted between November 2020 and October 2021 and included the following:

- Collection of flow data from telemetry equipment at key surface water locations.
- Sampling for PFAS analysis at key surface water locations selected to capture information from key base boundary locations, plume boundary locations and from the receiving environment.
- Calculation of mass discharge estimates.

Where applicable, this data has been utilised to evaluate changes in the characteristics of the PFAS at the base. It is noted that the 12-month monitoring (completed in October 2021) has improved the knowledge of PFAS mass flux, and that the findings have been used to update the 2017 model which supported the Groundwater Strategy Review.

6.1.3 PFAS Remediation Projects

Defence has implemented multiple remedial actions that were identified in the 2019 PMAP (Defence 2019) to manage potential PFAS exposure risks to human health and the environment and progressively reduce PFAS migrating from the base in surface water and groundwater.

The remediation projects during the monitoring period included the interception and treatment of PFAS in groundwater and/or surface water:

- **Lake Cochran Passive Barrier System**. A four stage in-situ design that employs activated carbon products in applications that suit the form of the surface water drainage system. The treated water is discharged to Dawsons Drain. The trial is ongoing.

- **Moors Drain WTP (MD WTP)**. Interception and treatment, using ionic exchange resin technology of PFAS impacted surface water discharging under Medowie Road to the northern branch of Moors Drain. Treated water is discharged to Moors Drain.

  Defence is undertaking further investigations into the source of PFAS impacts in the eastern catchment (Moors Drain Catchment) to ensure water treatment works are most effective (potentially targeting a source).

- **FFTA WTP**. Interception of PFAS impacted groundwater by a pump and treat system using ionic exchange resin treatment technology. Treated water is disposed by on-base irrigation.

  Defence is currently planning for the extraction of groundwater along the southern boundary of the base as the core of western PFAS plume originating from the FFTA is within DEMS Landfill area and it is still migrating. This will involve the movement of the extraction system of the FFTA WTP to the southern boundary, which is supported by the reduction in treatment concentrations and PFAS mass as shown on **Figure 1** and **Figure 2**, below.

- **SA WTP**. Currently extracting and treating groundwater from the area immediately south of Lake Cochran, within the base, using ionic exchange resin treatment technology. Treated water is disposed by on-base irrigation.

  Defence is currently designing and planning the off-base groundwater extraction system (and associated pipeline). This will involve the movement of the extraction system of the SA WTP to the off-base location. Defence is also planning to trial an in-ground passive groundwater barrier along the southern boundary in the area of the current extraction wellfield for the SA WTP.

A summary of the three water treatment plants' performance for the period up to 27 December 2023 is provided below in **Table 9**.

Table 9 Water Treatment Plant Performance Summary

Item	MD WTP	FFTA WTP	SA WTP
Treatment commencement	June 2017	July 2018	May 2019
Volume treated since commencement (as of 27 December 2023)	841 ML	1,758 ML	1,021 ML
Average concentrations prior to treatment (total PFAS) in ug/L	4.26	19.09	13.06
Average concentrations prior to treatment (PFOS+PFHxS) in ug/L	3.71	17.68	11.63
Average treated water concentration (PFOS+PFHxS) in ug/L	<0.01	<0.01	<0.01
PFAS removed (approx.) (as of 27 December 2023)	3.19 kg	31.80 kg	13.47 kg
PFAS removed in this monitoring period	0.99 kg	6.94 kg	5.78 kg

Notes: All concentrations provided in µg/L.

Overall, approximately 13 kg of PFAS was removed from the environment (groundwater and surface water) via the three water treatment plants in this monitoring period.

The annual average PFAS concentration treated by the FFTA WTP is provided in **Figure 1** and the PFAS mass removed annually by the FFTA WTP is provided in **Figure 2**. The concentrations are those measured at the inlet of the water treatment plants.

The figures show that the influent PFAS concentration is almost half of that when the plant commenced its operation in 2018. The annual average PFAS mass removed (provided in **Figure 2**) shows that the PFAS mass removed over the past two years has reduced from around 8.5 kg between 2018 and 2019 to about 4.5 kg between 2021 and 2023. It is normal for groundwater pump and treat systems to decrease concentrations relatively quickly initially, then further decreases are far slower to manifest.

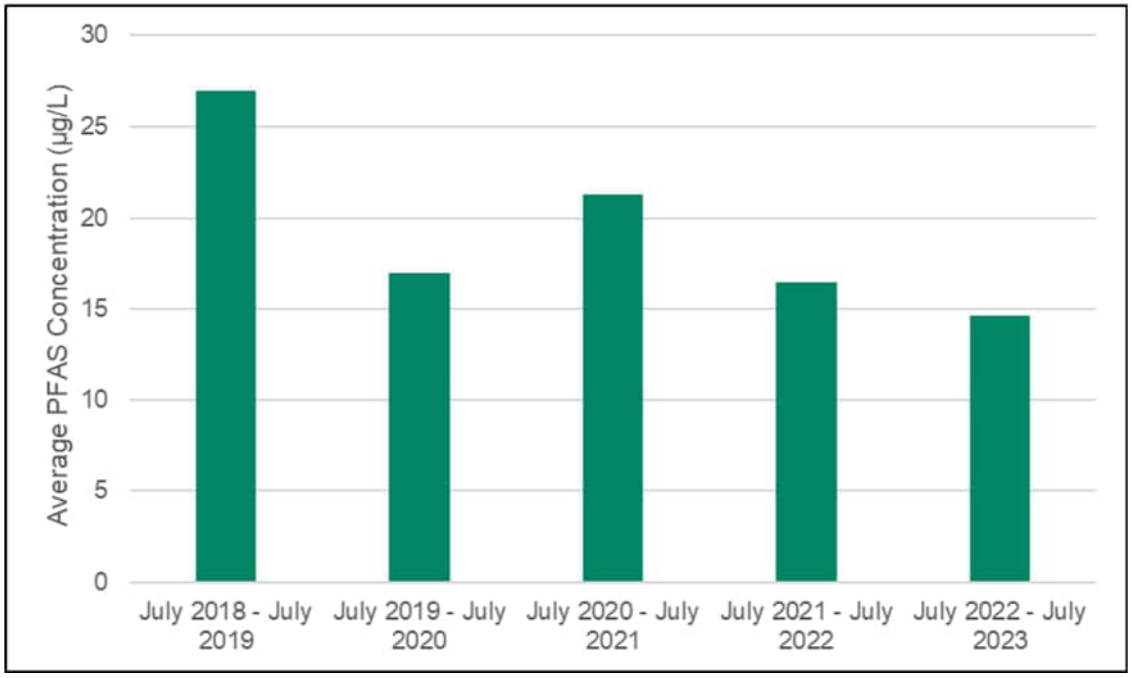

Figure 1 Annual Average PFAS Concentration Treated by FFTA WTP

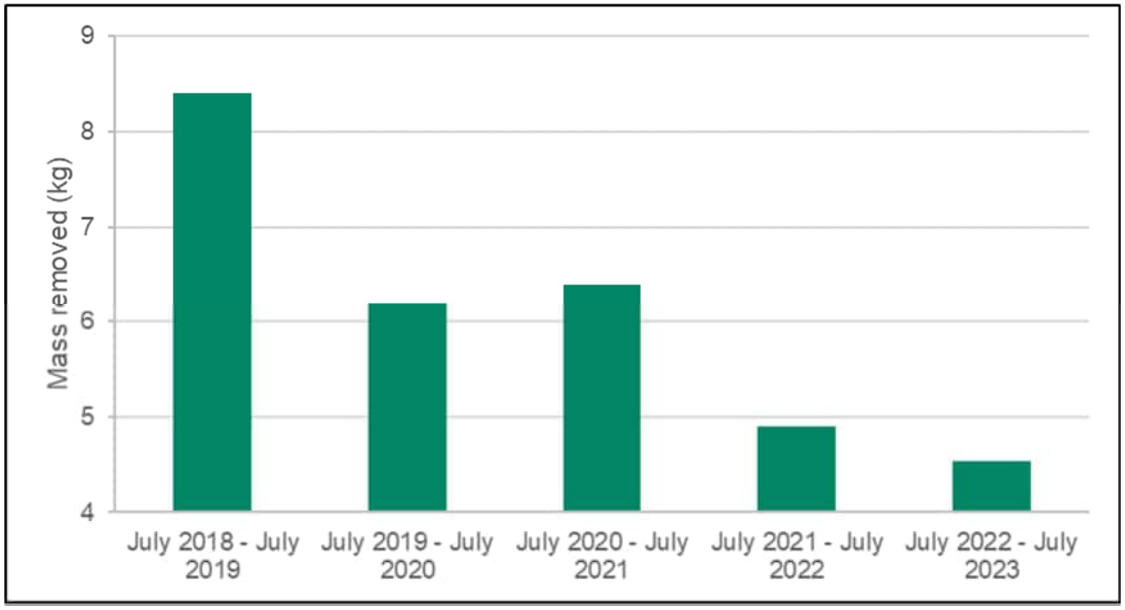

Figure 2 Annual PFAS Mass Removed by FFTA WTP

6.2 Infrastructure Projects

AECOM is not aware of any significant infrastructure projects during the monitoring period that would have had the potential to impact the nature and extent of PFAS at the base.

It is however noted that infrastructure works associated with the National Airfield Works (project P0008) had commenced in 2022. These works involve the delivery of a major aircraft pavement, stormwater drainage and maintenance works. It is understood that the project would require soil management and dewatering as part of the runway and stormwater drainage upgrade works.

Additionally, Newcastle Airport Pty Ltd is extending their car parking facilities which includes a portion of Greater Newcastle Aerotropolis land adjacent to the STP lagoons. Construction of the bitumen

roadways and carparking areas were completed during the monitoring period. These are however, not expected to impact the results of the monitoring data.

6.3 Significant Weather Events

During the monitoring period, the Hunter Region experienced lower precipitation than the previous monitoring period as recorded at the BoM monitoring station located at RAAF Base Williamtown (Station ID 061078). The data for the monitoring period is presented in **Figure 3** against historical ranges on record since the weather station commenced operation in 1942.

Included in **Figure 3** is a 6-month Standardised Precipitation Index (SPI), which presents monthly rainfall against the average monthly rainfall as a value, where 1 is average rainfall, and where 2 is twice the average monthly rainfall. This allows for medium term assessment on the rainfall experienced by the area over the monitoring period.

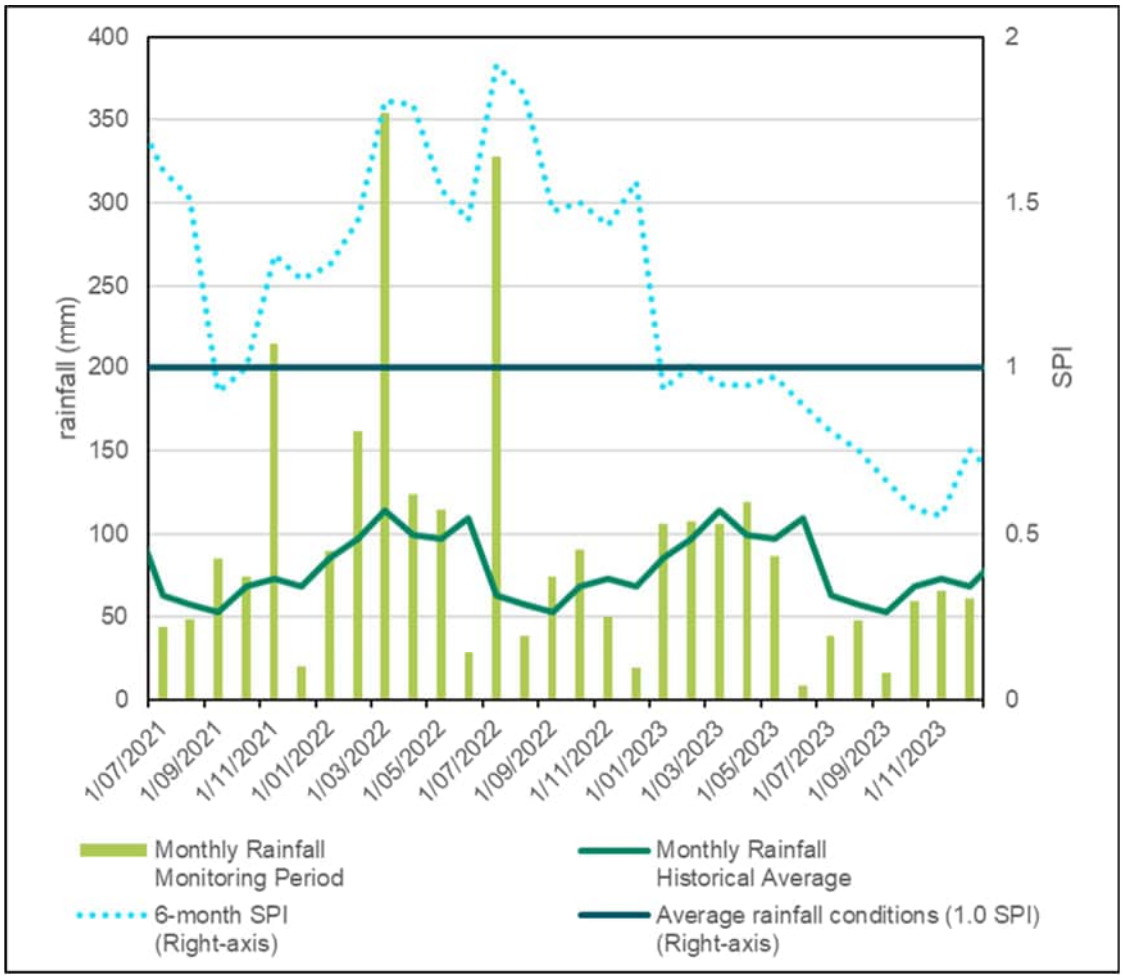

Figure 3 Rainfall data from July 2021 to December 2023. Rainfall data from Williamtown RAAF monitoring station (station 061078) (BoM, 2024).

The rainfall activity during the sampling events over the monitoring period for the BoM monitoring station (Station ID 061078) and the occurrence of wet weather event (days with rainfall >15 mm) are summarised in **Table 10** below.

Table 10 Rainfall during monitoring events over the current monitoring period

Sampling Event and Date	Recorded rainfall (mm) (BoM, 2023)	Wet weather events during the monitoring period (days with rainfall >15 mm)
Nov 2021 Biannual Sampling Event 8 November to 26 November 2021	213.8 (Nov 2021, total)	8 November 2021 (21 mm) 11 November 2021 (20.2 mm) 12 November 2021 (56.8 mm) 22 November 2021 (27.6 mm) 26 November 2022 (31.2 mm) 27 November 2021 (16.4 mm) 28 November 2021 (15.8 mm)
Feb 2022 Biota Sampling 23 February 2022	161.4 (Feb 2022, total)	4 February 2022 (32.8 mm) 12 February 2022 (39.4 mm) 23 February 2022 (25.2 mm)
May 2022 Annual Sampling Event 16 May 2022 to 2 June 2022	114.2 (May 2021, total)	11 May 2022 (15.8 mm) 21 May 2022 (15 mm) 23 May 2022 (33 mm)
Nov 2022 Biannual Sampling Event 7 November to 25 November 2022	50.0 (Nov 2022, total)	14 November 2022 (24.2 mm)
May 2023 Annual Sampling Event 8 May to 26 May 2023	86.6 (May 2023, total)	18 May 2023 (22.2 mm)
Nov 2023 Biannual Sampling Event 20 November to 28 November 2023	65.4 (Nov 2023, total)	21 November 2023 (0.6 mm)

From the review it is noted that the area experienced above average rainfall from November 2021 through to January 2023, with three months in this period experiencing greater than double the historical average rainfall. From January 2023 rainfall held at the historical average before falling to below average from May 2023 onwards. The higher-than-average rainfall experienced during the first half of the monitoring period (including through the sampling event dates) have the potential to impact upon the interpretation of the data, as follows:

- The increased volume of surface waters being present in the broader catchment has the potential to increase the distribution of PFAS compounds within the surface water bodies. PFAS concentrations may become diluted, report lower than historical concentrations and result in PFAS being detected at greater distances from the source.
- Potential to disperse PFAS to shallow soils via increased surface run off from source areas.
- Potential for increased mixing between shallow groundwater and surface water.
- Increase in groundwater elevation may result in longer contact with impacted soils.

However, it is acknowledged that the Management Area has been subject to multiple significant flood events historically, and PFAS concentrations in stormwater discharges from the base would have been higher when PFAS containing AFFF was regularly being used. As a result, it is unlikely that these flood events have significantly changed the lateral extent of PFAS impacts within the Management Area.

7.0 Monitoring Data Summary

As part of the OMP, the following six scheduled monitoring events were completed by AECOM over the monitoring period:

- November 2021 (8 to 26 November 2021).
- February 2022 (23 February 2022).
- May 2022 (16 May 2022 to 2 June 2022).
- November 2022 (7 to 25 November 2022).
- May 2023 (8 to 26 May 2023).
- November 2023 (20 to 28 November 2023).

The sample locations are shown on **Figure F2** to **Figure F5** in **Appendix A**. Results are summarised in following sections and on **Figure F16** to **Figure F53** in **Appendix A**. Groundwater elevations for shallow and deep groundwater for November 2021 to November 2023 are shown on **Figure F6** to **Figure F15**. The interpreted extent of groundwater impact (PFOS+PFHxS) is shown on **Figure F54** in **Appendix A**.

The monitoring and analytical results are provided in **Tables T1** to **T9** in **Appendix B**.

In addition to the OMP data, AECOM also considered the historical data for the base and Management Areas that are available in the Defence database.

7.1 Groundwater Results

7.1.1 Groundwater Field Observations

The field observations during the groundwater sampling, including groundwater elevation and parameters, are provided in **Table T1** and **Table T2** in **Appendix B** and are summarised below. No notable estate works, or training activities were observed in the vicinity of the sampling locations during the monitoring period, except where specified below.

November 2021

- The damaged monument at monitoring well MW245S was replaced and secured on 21 November 2021.
- Eight of the wells were observed to have water in gatic as a result of localised flooding, either above or below top of casing (TOC) (MW231D, MW235D, MW236S, MW238S, MW266S, MW266D, MW271S and MW271D).
- No visible indications of contamination were observed in groundwater during the sampling. Sulphurous like odours were noted at 11 groundwater locations. Organic, putrefied and septic like odours were noted at nine groundwater locations, while a metallic odour was noted at one groundwater location.

May 2022

- Significant standing water was observed in low lying areas at the base and surrounds which impacted access to a number of sampling locations.
- Construction activities in the vicinity of MW155 in the northern portion of the base prevented access to this location. Additionally, monitoring wells MW125S, MW125D, and MW188D located along Cabbage Tree Road to the south of the base could not be accessed or sampled due to road widening activities being undertaken in this area.
- Monitoring wells MW156D, MW188S, MW198, MW208 and MW238S were observed to have damaged or missing gatic lids.
- Monitoring wells MW230S, MW258D and MW263D were observed to have water within the gatic covers either above or below the top of PVC casing.

- Monitoring wells MW120, MW125D and MW125S were unable to be accessed as the wells were buried beneath stockpiled material.
- Monitoring wells MW256S and MW260D had missing gatic cover bolts which were replaced by the field team during the sampling event.
- No visible signs of contamination in groundwater were observed at the locations sampled.

November 2022

- Monitoring wells MW108S, MW108D, MW198 and MW238S were observed to have damaged or missing gatic lids or bolts.
- Monitoring well MW109D was observed to be blocked above the screen level.
- Monitoring wells MW209S and MW209D were unable to be accessed as the wells were inaccessible due to the placement of a soil stockpile over the wells.
- Eight of the wells (MW107S, MW107D, MW212, MW231D, MW236S, MW236D, MW258D and MW278D) were observed to have water in gatics, either above or below TOC.
- No visible indications of contamination were observed in groundwater during the sampling. Sulphurous like odours were noted at 24 groundwater locations. Organic odours were noted at five groundwater locations.

May 2023

- Monitoring wells MW118, MW155, MW184S, MW195, MW198, MW202S, MW202D, MW208, MW212, MW236S, MW236D, MW238D and MW260 were observed to have damaged or missing gatic lids or bolts.
- Monitoring wells MW103S, MW103D, MW188D, MW209S, MW209D, MW229S and MW229D could not be located or accessed, due to either dense bushland/thick grass or soil stockpiles covering wells.
- Monitoring wells MW106S, MW118 and MW433 were observed to have blockages/obstructions.
- Monitoring wells MW155, MW231D and MW252S were observed to have water in gatics, either above or below TOC.
- No visible indications of contamination were observed in groundwater during the sampling. Sulphurous like odours were noted at 45 groundwater locations. Organic and/or septic like odours were noted at 21 groundwater locations.

November 2023

- Monitoring wells MW146S, MW198 and MW268D were observed to have damaged or missing gatic lids.
- Monitoring wells MW103S, MW103D, MW188D, MW209S, MW209D, MW229S and MW229D could not be located or accessed, due to either dense bushland/thick grass or soil stockpiles covering wells.
- Monitoring wells MW118, MW208 and MW268D were observed to have blockages/obstructions.
- Three of the wells were observed to have water in gatics, either above or below TOC (MW155, MW231D and MW252S).
- No visible indications of contamination were observed in groundwater during the sampling. Sulphurous like odours were noted at 16 groundwater locations. Organic and/or septic like odours were noted at 25 groundwater locations.

7.1.2 Groundwater Elevations

The SWL was measured in each monitoring well, prior to sampling and during a targeted gauging round conducted for each sampling event, to evaluate groundwater elevations (GWE). The SWL and GWE from the November 2021 to November 2023 events are presented in **Table T1** in **Appendix B** summarised below in **Table 11** for shallow and deep aquifers.

Table 11 Summary of Groundwater Elevations

Gauging Event	No. Wells	Min. SWL (mbTOC)	Max. SWL (mbTOC)	Min. GWE (mAHD)	Max. GWE (mAHD)
Shallow/Intermediate aquifer					
Nov 2021	37	0.000 (multiple)	2.359 (MW132S)	-0.022 (multiple)	8.448 (MW244S)
May 2022	46	0.000 (multiple)	2.460 (MW210S)	-0.051 (MW128S)	9.292 (MW264S)
Nov 2022	57	0.000 (MW107S)	2.125 (MW132S)	-0.031 (MW128S)	8.583 (MW244S)
May 2023	79	0.000 (MW252S)	2.697 (MW210S)	-0.046 (MW128S)	8.822 (MW264S)
Nov 2023	59	0.535 (MW108S)	2.805 (MW132S)	-0.615 (MW231S)	7.706 (MW244S)
Deep aquifer					
Nov 2021	25	0.000 (multiple)	2.362 (MW132D)	0.267 (MW266D)	8.462 (MW244D)
May 2022	28	0.000 (multiple)	2.460 (MW210D)	0.571 (MW231D)	9.347 (MW264D)
Nov 2022	38	0.000 (multiple)	2.150 (MW132D)	0.469 (MW232D)	8.597 (MW244D)
May 2023	51	0.000 (multiple)	2.825 (MW210D)	0.39 (MW255D)	8.852 (MW264D)
Nov 2023	40	0.293 (MW109D)	2.947 (MW132D)	0.0140 (MW231D)	7.717 (MW244D)

Note: mAHD = metres relative to Australian Height datum, mbTOC = metres below Top of Casing.
Min = Minimum, Max = Maximum

Groundwater depths (for both shallow and deep groundwater) in November 2021, May 2022, and November 2022 were higher by 0.3 m to 1.6 m higher than the SWLs measured in May 2023 and November 2023 in the majority of wells gauged. Thie higher SWLs were likely attributed to the higher average rainfall recorded between November 2021 and November 2022. Groundwater depths for both shallow and deep groundwater in November 2023 were at their lowest during this monitoring period, likely due to low average rainfall recorded between June 2023 and November 2023.

7.1.3 Groundwater Flow Directions

Based on the SWL and survey data, the interpreted potentiometric contours are presented on **Figure F6** to **Figure F15** (**Appendix A**). The data from the monitoring period indicates that:

- Groundwater on the base, and south of the base, flows to the south and southeast towards Fullerton Cove (Tomago Sand Beds Aquifer) and Tilligerry Creek.
- To the south of Ten Foot Drain, Fourteen Foot Drain and Tilligerry Creek, groundwater is flowing to the north/northwest (Stockton Sand Beds Aquifer).

The flow directions were consistent across both the shallow and deep groundwater profiles with those measured in 2017 (AECOM, 2017a) and throughout the 2019-2021 monitoring period completed as part of the 2020 Annual Interpretive Report (AIR) (AECOM, 2021a) and 2021 AIR (AECOM, 2022d).

7.1.4 Groundwater Quality Parameters

Groundwater quality parameters were measured during the collection of groundwater samples. The stabilised readings of groundwater quality parameters from November 2021 to November 2023 sampling events are presented in **Table T2** in **Appendix B**, and summarised below in **Table 12** for locations on-base and within the management zones.

Table 12 Summary of groundwater quality parameters

Sampling Event	Dissolved Oxygen (mg/L)		Temperature (°C)		Electrical Conductivity (µS/cm)		pH (pH units)		Redox Potential, corrected (mV)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
On-base										
Nov 2021	0.36 (MW106S)	4.89 (MW167)	18.2 (MW109D)	25.3 (MW209D)	37 (MW202D)	1,053 (MW106S)	4.16 (MW244S)	6.75 (MW175D)	31.9 (MW169D)	372.9 (MW168)
May 2022	0.04 (MW281S)	10.32 (MW317D)	15.6 (MW468)	22.5 (MW210S)	34.3 (MW202D)	1,700 (MW468)	3.59 (MW282S)	6.75 (MW468)	333.7 (MW281S)	579.3 (MW171S)
Nov 2022	0.79 (MW106S)	9.54 (MW168)	17.8 (MW109D)	24.7 (MW169D)	37.1 (MW202D)	2,382 (MW318D)	4.04 (MW280S)	7.08 (MW279S)	86.4 (MW279S)	374.1 (MW202S)
May 2023	0.76 (MW210S)	4.67 (MW108D)	16.7 (MW471)	22.6 (MW210S)	60.4 (MW200)	331.1 (MW156D)	4.31 (MW200)	6.75 (MW109D)	113.0 (MW172)	461.5 (MW201S)
Nov 2023	0.58 (MW202D)	5.87 (MW108S)	19.1 (MW134D)	23.7 (MW208)	81.3 (MW240D)	760 (MW109D)	3.29 (MW108S)	6.82 (MW212)	82.5 (MW108D)	464.6 (MW196)
Primary Management Zone										
Nov 2021	0.80 (MW126S)	1.68 (MW278S)	19.2 (MW178)	23.9 (multiple)	169.8 (MW278D)	3,332 (MW238D)	5.27 (MW238S)	7.25 (MW238D)	78.3 (MW238S)	288.7 (MW238D)
May 2022	0.59 (MW238S)	10.70 (MW104S)	16.2 (MW178)	21.9 (MW238D)	37.8 (MW184D)	1,209 (MW188S)	4.92 (MW271S)	7.21 (MW188S)	336.6 (MW104S)	519.0 (MW178)
Nov 2022	0.44 (MW126D)	3.83 (MW263S)	18.7 (MW126S)	21.2 (MW126D)	138.4 (MW236D)	657 (MW178)	4.85 (MW263S)	6.93 (MW263D)	70.3 (MW263D)	237.5 (MW178)
May 2023	0.93 (MW278D)	4.00 (MW271S)	16.6 (MW184D)	22.8 (MW188S)	98.4 (MW184D)	573.4 (MW178)	5.09 (MW104S)	6.54 (MW188S)	106.9 (MW184S)	357.2 (MW188S)
Nov 2023	0.68 (MW126D)	2.18 (MW178)	19.4 (MW178)	24.6 (MW271D)	85.3 (MW238S)	614 (MW178)	5.17 (MW238S)	6.77 (MW278D)	49.4 (MW278D)	291.1 (MW238S)

Sampling Event	Dissolved Oxygen (mg/L)		Temperature (°C)		Electrical Conductivity (µS/cm)		pH (pH units)		Redox Potential, corrected (mV)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Secondary Management Zone										
Nov 2021	0.93 (MW121)	3.03 (MW260D)	16.3 (MW107S)	24.9 (MW247S)	74.4 (MW257S)	26,037 (MW260D)	4.94 (MW160)	7.26 (MW121)	-11.0 (MW125D)	327.3 (MW162S)
May 2022	0.40 (MW255S)	7.45 (MW147S)	16.0 (MW130D)	22.2 (MW260S)	29.7 (MW247S)	35,940 (MW147D)	4.13 (MW160)	6.79 (MW260D)	349.7 (MW255S)	564.8 (MW829)
Nov 2022	0.62 (MW107S)	6.24 (MW162S)	18.9 (MW466)	24.2 (MW132D)	80.8 (MW256D)	24,855 (MW316D)	4.21 (MW130S)	6.59 (MW258D)	44.5 (MW258D)	378.2 (MW278D)
May 2023	0.45 (MW255S)	5.14 (MW829)	15.9 (MW257D)	22.4 (MW230S)	6.3 (MW255D)	31,629 (MW147D)	3.98 (MW130S)	6.95 (MW279S)	70.8 (MW256D)	363.1 (MW162D)
Nov 2023	0.43 (MW257D)	4.08 (MW829)	18.3 (MW107S)	24.4 (MW132S)	11.5 (MW829)	2744 (MW260D)	4.56 (MW130S)	7.37 (MW279S)	26.4 (MW256D)	318.6 (MW162S)
Broader Management Zone										
Nov 2021	0.58 (POT382)	2.71 (MW118)	17.1 (MW163)	26.7 (POT382)	-160.1 (MW258D)	40,466 (MW266D)	4.10 (MW236S)	7.98 (POT382)	-7.7 (MW236D)	190.7 (MW236S)
May 2022	0.40 (MW128D)	7.14 (POT257)	14.8 (MW159S)	23.2 (MW128S)	69.4 (MW124)	22,261 (MW316D)	4.54 (POT144)	7.55 (POT382)	187.0 (MW231D)	932.6 (POT085)
Nov 2022	0.58 (MW260D)	5.19 (MW212)	18.2 (MW163)	26.9 (multiple)	58.7 (MW257S)	16,963 (MW231D)	4.83 (MW468)	7.81 (MW128D)	55.9 (MW260S)	365.8 (MW212)
May 2023	0.21 (multiple)	3.95 (POT257)	11.8 (MW270D)*	21.4 (POT085)	19.2 (MW163)	24,035 (MW316D)	4.41 (MW258S)	8.42 (POT382)	-11.2 (MW270D)*	341.5 (MW252S)
Nov 2023	0.58 (MW232D)	5.73 (MW128S)	18.4 (MW128S)	23.2 (multiple)	118.0 (MW258S)	24,063 (MW316D)	4.54 (MW280S)	7.87 (MW128S)	-47.6 (MW231D)	229.9 (MW236S)

Note: *Field measurement from resampling of well MW270D in August 2023.

The readings presented in **Table 12** indicate groundwater conditions during the monitoring period to be:

- Poor to well oxygenated.
- Fresh to saline.
- Moderately acidic to neutral, except May 2023 when moderately acidic to moderately alkaline conditions were observed.
- Oxidising to strongly reducing, except for November 2021 with moderately to strongly reducing conditions, May 2022 with oxidising to moderately reducing conditions and November 2022 moderately reducing conditions.

7.1.5 Groundwater Analytical Results

Groundwater analytical results from the monitoring period as well as available historical groundwater analytical results for OMP sampling locations (including data from other projects) are presented in **Table T5** in **Appendix B**. Groundwater results from November 2021 to November 2023 events are presented spatially on **Figure F16** to **Figure F25** in **Appendix A**. The monitoring activities are summarised in the OMP Sampling Event Factual Reports provided in **Appendix G**. The interpretive assessment of the groundwater analytical results is discussed in **Section 8.3** and **Section 8.4**.

Additionally, OMP and other historical groundwater concentrations of PFOS+PFHxS and PFOA have been displayed graphically on temporal trend graphs, by management zone and areas on the base, in **Appendix C** for the locations in **Table 13**.

Table 13 Temporal trend graphs of groundwater locations

Graph ID	Management Zone/Source Area	Groundwater locations
G1, G2	Primary Management Zone	MW126S, MW126D, MW178, MW188S, MW238S, MW238D, MW271S, MW271D
G3, G4	Secondary Management Zone	MW123, MW132S, MW132D, MW161S, MW161D, MW247S, MW279S
G5, G6	Broader Management Zone (Salt Ash)	MW118, MW258S, MW258D, MW263S, MW263D, POT144
G7, G8	FFTA	MW108S, MW167, MW168, MW169D, MW172, MW281S, MW282S
G9, G10	South of Lake Cochran	MW109D, MW175D, MW466, MW468
G11, G12	Former & Current Fire Station	MW196, MW198, MW201S, MW202S
G13, G14	Trade Waste Treatment	MW106S, MW106D, MW208, MW210S, MW210D, MW212

A summary of groundwater results from November 2021 to November 2023 events is provided in **Table** 14 for locations on-base and within the management zones.

Table 14 Summary of PFOA, PFOS and PFOS+PFHxS Concentrations in Groundwater

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
On-base						
Nov 2021	33 Primary 6 QC	PFOA	< LOR (multiple) to 3.10 (MW281S)	23	1	0
		PFOS	< LOR (multiple) to 234 (MW281S)	33	NA	33
		PFOS+PFHxS	< LOR (multiple) to 255 (MW281S)	35	31	NA
May 2022	45 Primary 11 QC	PFOA	< LOR (multiple) to 2.16 (MW281S)	28	2	0
		PFOS	< LOR (multiple) to 68.6 (MW281S)	41	NA	41
		PFOS+PFHxS	< LOR (multiple) to 88 (MW281S)	53	38	NA
Nov 2022	31 Primary 8 QC	PFOA	< LOR (multiple) to 3.79 (MW281S)	22	5	0
		PFOS	< LOR (multiple) to 50 (MW281S)	31	NA	31
		PFOS+PFHxS	< LOR (multiple) to 62.9 (MW281S)	37	31	NA
May 2023	44 Primary 8 QC	PFOA	< LOR (multiple) to 1.67 (MW281S)	27	2	0
		PFOS	< LOR (multiple) to 108 (MW281S)	38	NA	38
		PFOS+PFHxS	< LOR (multiple) to 130 (MW281S)	50	35	NA
Nov 2023	31 Primary 4 QC	PFOA	< LOR (multiple) to 2.62 (MW281S)	19	2	0
		PFOS	< LOR (multiple) to 99.8 (MW281S)	28	NA	28
		PFOS+PFHxS	< LOR (multiple) to 113 (MW281S)	33	27	NA
Primary Management Zone						
Nov 2021	9 Primary 1 QC	PFOA	< LOR (multiple) to 0.25 (MW126S)	1	0	0
		PFOS	< LOR (multiple) to 6.08 (MW126S)	4	NA	4
		PFOS+PFHxS	< LOR (multiple) to 12.3 (MW126S)	4	3	NA

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
May 2022	12 Primary	PFOA	< LOR (multiple) to 0.88 (MW104D)	5	1	0
		PFOS	< LOR (multiple) to 44.3 (MW104D)	9	NA	9
		PFOS+PFHxS	< LOR (multiple) to 52.3 (MW104D)	9	6	NA
Nov 2022	9 Primary 2 QC	PFOA	< LOR (multiple) to 0.45 (MW126S)	1	0	0
		PFOS	< LOR (multiple) to 7.02 (MW126S)	2	NA	2
		PFOS+PFHxS	< LOR (multiple) to 17.3 (MW126S)	3	2	NA
May 2023	14 Primary 4 Q	PFOA	< LOR (multiple) to 0.68 (MW126S)	7	1	0
		PFOS	< LOR (multiple) to 37.3 (MW104D)	11	NA	11
		PFOS+PFHxS	< LOR (multiple) to 42.3 (MW104D)	12	10	NA
Nov 2023	9 Primar	PFOA	< LOR (multiple) to 0.35 (MW126S)	2	0	0
		PFOS	< LOR (multiple) to 4.25 (MW126S)	2	NA	2
		PFOS+PFHxS	< LOR (multiple) to 11.3 (MW126S)	4	2	NA
Secondary Management Zone						
Nov 2021	27 Primary 6 QC	PFOA	< LOR (multiple) to 0.1 (MW132D)	7	0	0
		PFOS	< LOR (multiple) to 0.96 (MW247S)	16	NA	16
		PFOS+PFHxS	< LOR (multiple) to 2.05 (MW247S)	20	8	NA
May 2022	35 Primary 10 QC	PFOA	< LOR (multiple) to 0.07 (MW161S)	11	0	0
		PFOS	< LOR (multiple) to 2.39 (MW161S)	21	NA	21
		PFOS+PFHxS	< LOR (multiple) to 3.23 (MW161S)	28	21	NA

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
Nov 2022	31 Primary 4 Q	PFOA	< LOR (multiple) to 0.04 (MW132D)	5	0	0
		PFOS	< LOR (multiple) to 0.46 (MW247S)	12	NA	12
		PFOS+PFHxS	< LOR (multiple) to 1.32 (MW247S)	18	9	NA
May 2023	43 Primary 10 Q	PFOA	< LOR (multiple) to 0.06 (MW150D)	9	0	0
		PFOS	< LOR (multiple) to 1.89 (MW161D)	20	NA	20
		PFOS+PFHxS	< LOR (multiple) to 2.63 (MW161D)	30	18	NA
Nov 2023	31 Primary 12 Q	PFOA	< LOR (multiple) to 0.03 (MW279S)	6	0	0
		PFOS	< LOR (multiple) to 0.78 (MW132D)	15	NA	15
		PFOS+PFHxS	< LOR (multiple) to 2.6 (MW279S)	21	12	NA
Broader Management Zone						
Nov 2021	24 Primary 6 QC	PFOA	< LOR (multiple) to 0.01 (MW266D)	1	0	0
		PFOS	< LOR (multiple) to 0.02 (MW231S)	1	NA	1
		PFOS+PFHxS	< LOR (multiple) to 0.04 (MW231S)	2	1	NA
May 2022	31 Primary 7 QC	PFOA	< LOR (multiple) to 0.04 (POT107)	1	0	0
		PFOS	< LOR (multiple) to 0.04 (multiple)	8	NA	8
		PFOS+PFHxS	< LOR (multiple) to 0.08 (multiple)	8	2	NA
Nov 2022	20 Primary 2 QC	PFOA	< LOR (multiple) to 0.01 (POT107)	1	0	0
		PFOS	< LOR (multiple) to 0.18 (MW232D)	2	NA	2
		PFOS+PFHxS	< LOR (multiple) to 0.18 (MW232D)	2	1	NA

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
May 2023	31 Primary 2 QC	PFOA	< LOR (multiple) to 0.02 (multiple)	4	0	0
		PFOS	< LOR (multiple) to 0.93 (MW252S)	7	NA	7
		PFOS+PFHxS	< LOR (multiple) to 1.32 (MW252S)	8	1	NA
Nov 2023	19 Primary 2 Q	PFOA	< LOR (multiple)	0	0	0
		PFOS	< LOR (multiple)	0	NA	0
		PFOS+PFHxS	< LOR (multiple)	0	0	NA

Notes:

[1] = Sample counts include intra-laboratory and inter-laboratory duplicates

multiple = the value applies to multiple locations

NA = Not applicable – where there are no applicable Human Health screening criteria for PFOS, and no applicable Ecological screening criteria for the Sum of PFOS and PFHxS.

QC = Quality Control (sample)

Deviations from the historical dataset for groundwater recorded during the monitoring period are summarised in **Table E1** in **Appendix E**, and in **Table 15** below:

Table 15 Groundwater Deviations

Deviation Type	Analyte	Area	Location ID	Number of Deviations
First-time detections	PFOA	On-base	MW108D	1
		Primary Management Zone	MW178	1
		Secondary Management Zone	MW147S, MW257D, MW318D, POT089	4
	PFOS	Primary Management Zone	MW271S	1
		Secondary Management Zone	MW146AD, MW147S, MW230S, MW318D, MW318S	5
		Broader Management Zone	MW128D, MW232D, MW270S, MW842	4
		Other: Background	MW246S	1
	PFOS+ PFHxS	On-base	MW245D, MW317D	2
		Primary Management Zone	MW271D	1
		Secondary Management Zone	MW130D, MW130S, MW146AD, MW146S, MW162D, MW230S, MW318S	7
		Broader Management Zone	MW128D, MW232D, MW270S, MW842	4
		Other: Background	MW264S	1
New exceedances of drinking water guidelines	PFOA	Primary Management Zone	MW126S	1
	PFOS+ PFHxS	Secondary Management Zone	MW146AD, MW247D	2
		Broader Management Zone	MW232D	1
New exceedances of ecological guidelines (freshwater 99%)	PFOS	Primary Management Zone	MW271S	1
		Secondary Management Zone	MW146AD, MW147S, MW230S, MW318D, MW318S	5
		Broader Management Zone	MW128D, MW232D, MW270S, MW842	4
		Other: Background	MW246S	1
New Maximums	PFOA	On-base	MW108D, MW179D, MW179S	4
		Primary Management Zone	MW126S, MW178	2
		Secondary Management Zone	MW132D, MW147S, MW150D, MW257D, MW318D, POT089	6
		Broader Management Zone	MW270S	1
	PFOS	On-base	MW108S, MW179D, MW200, MW2022D, MW208, MW281S, MW317S	10

Deviation Type	Analyte	Area	Location ID	Number of Deviations
		Primary Management Zone	MW178, MW271S	2
		Secondary Management Zone	MW121, MW132D, MW146AD, MW146S, MW150D, MW230S, MW247D, MW318D, MW318S, POT046, POT089	16
		Broader Management Zone	MW128D, MW232D, MW270S, MW842	6
		Other: Background	MW264S	1
	PFOS+ PFHxS	On-base	MW106D, MW108D, MW108S, MW179D, MW202D, MW208, MW245D, MW245S, MW317D	13
		Primary Management Zone	MW126S, MW178, MW271D	4
		Secondary Management Zone	MW130D, MW130S, MW146AD, MW146S, MW150D, MW162D, MW230S, MW247D, MW315D, MW318D, MW318S, POT046, POT089	21
		Broader Management Zone	MW128D, MW231S, MW232D, MW270S, MW842	7
		Other: Background	MW264S	1
New Minimums	PFOA	On-base	MW166, MW281S, MW282S	4
		Primary Management Zone	MW104D, MW184S	2
		Secondary Management Zone	MW247S	1
	PFOS	On-base	MW134I, MW166, MW169D, MW169S, MW201D, MW201S, MW209S, MW210S, MW212, MW245S, MW282S, MW433	12
		Primary Management Zone	MW188S	1
		Secondary Management Zone	MW150S, MW161S	2
		Broader Management Zone	MW252S	1
	PFOS+ PFHxS	On-base	MW166, MW169D, MW169S, MW201S, MW209S, MW210D, MW240D, MW281S, MW282S, MW433	14
		Primary Management Zone	MW188S	1

Deviation Type	Analyte	Area	Location ID	Number of Deviations
		Secondary Management Zone	MW161S, MW247S, POT087	3
		Broader Management Zone	MW252S, POT236	2

7.2 Surface Water Results

The location of key surface water features and pathways, as well as PFAS sources, are presented on **Figure F1** in **Appendix A** and surface water sample locations are shown on **Figure F3** in **Appendix A**.

7.2.1 Surface Water Field Observations

Surface water field observations from the monitoring period are presented in **Table T3** in **Appendix B** and summarised below.

During the monitoring period, generally no notable estate works, training activities or construction works were observed in the vicinity of the sampling locations.

November 2021

- No visible signs of contamination were observed at the locations sampled, with the exception of SW060, SW062 and SW081, which had sheen of unknown origin observed on the water surface.
- No odours were noted, with the exception of SW024 which had an organic odour.

May 2022

- No visible signs of contamination were observed at the locations sampled, with the exception of SW055, SW062 and SW081, which had sheen of unknown origin observed on the water surface.

November 2022

- SW011 could not be accessed due to flooding of access path.
- No visible signs of contamination were observed at the locations sampled, with the exception of SW024, which had foam of unknown origin (note that a sample of the foam was collected for analysis, denoted as OTH075) and SW023 and SW081 which had a biosheen.
- No odours were noted, with the exception of SW059 and SW600 which had organic odours.

May 2023

- No visible signs of contamination were observed at the locations sampled, with the exception of SW024, which had foam of unknown origin and white/blue material with a sulphurous odour (note that a sample of the impacted water and a co-located sediment sample were collected for analysis, denoted as SW158 and SD158) and SW005 and SW059, which had a biosheen.
- No odours were noted, with the exception of SW600 which had an organic odour.

November 2023

- Location SW006 was dry.
- No odours were noted, with the exception of SW048, which had a sulphurous odour and SW081, which had an organic odour.
- No visible signs of contamination were observed at the locations sampled, with the exception of SW005 and SW059 which had a biosheen.

No other significant observations were reported during the sampling events in this monitoring period.

7.2.2 Surface Water Quality Parameters

Surface water quality parameters were measured during the collection of surface water samples. The surface water quality parameters from the November 2021 to November 2023 events are presented in **Table T3** in **Appendix B**, and summarised below in **Table 16** for locations on-base and within the management zones.

Table 16 Summary of surface water quality parameters

Sampling Event	Dissolved Oxygen (mg/L)		Temperature (°C)		Electrical Conductivity (µS/cm)		pH (pH units)		Redox Potential, corrected (mV)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
On-base										
Nov 2021	3.59 (SW047)	6.85 (SW048)	18.7 (SW055)	25.1 (SW048)	87.5 (SW048)	132.0 (SW047)	5.61 (SW048)	6.67 (SW110)	239.4 (SW110)	377.8 (SW048)
May 2022	2.30 (SW047)	8.21 (SW048)	16.2 (SW108)	20.0 (SW047)	23.4 (SW048)	112.6 (SW108)	5.15 (SW048)	7.15 (SW110)	198.9 (SW055)	359.6 (SW108)
Nov 2022	2.72 (SW055)	9.48 (SW048)	20.6 (SW055)	24.9 (SW108)	110.5 (SW055)	126.0 (SW108)	5.35 (SW047)	6.08 (multiple)	271.4 (SW055)	363.8 (SW047)
May 2023	3.28 (SW055)	8.31 (SW048)	15.2 (SW055)	23.3 (SW048)	84.5 (SW048)	121.7 (SW047)	5.12 (SW055)	6.18 (SW108)	290.7 (SW048)	422.1 (SW110)
Nov 2023	3.94 (SW047)	7.24 (SW108)	24.3 (SW047)	27.4 (SW108)	104.6 (SW048)	139.8 (SW047)	5.71 (SW048)	6.71 (SW110)	141.1 (SW110)	259.8 (SW108)
Primary Management Zone										
Nov 2021	38.30 (SW060)		20.3 (SW060)		164.7 (SW060)		6.09 (SW060)		326.2 (SW060)	
May 2022	4.60 (SW060)		19.9 (SW060)		83.7 (SW060)		5.72 (SW060)		314.5 (SW060)	
Nov 2022	4.43 (SW060)		24.7 (SW060)		154.4 (SW060)		5.65 (SW060)		293.0 (SW060)	
May 2023	4.28 (SW060)		17.9 (SW060)		236.1 (SW060)		5.73 (SW060)		393.0 (SW060)	
Nov 2023	3.11 (SW060)		25.4 (SW060)		369.5 (SW060)		7.23 (SW060)		197.3 (SW060)	

Sampling Event	Dissolved Oxygen (mg/L)		Temperature (°C)		Electrical Conductivity (µS/cm)		pH (pH units)		Redox Potential, corrected (mV)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Secondary Management Zone										
Nov 2021	2.69 (SW059)	5.49 (SW006)	18.8 (SW059)	26.7 (SW009)	133.2 (SW007)	799.0 (SW023)	6.11 (SW059)	8.02 (SW019)	214.8 (SW019)	342.8 (SW059)
May 2022	2.65 (SW059)	7.95 (SW007)	17.0 (SW059)	19.3 (SW001)	51.2 (SW006)	830 (SW023)	5.32 (SW059)	6.46 (SW023)	209.4 (SW001)	334.8 (SW023)
Nov 2022	4.43 (SW060)	4.43 (SW060)	24.7 (SW060)	24.7 (SW060)	154.4 (SW060)	154.4 (SW060)	5.65 (SW060)	5.65 (SW060)	293.0 (SW060)	293.0 (SW060)
May 2023	2.68 (SW059)	8.46 (SW011)	13.5 (SW006)	18.9 (SW059)	82.4 (SW007)	2,820.0 (SW600)	5.21 (SW059)	7.09 (SW600)	172.7 (SW600)	407.3 (SW011)
Nov 2023	2.39 (SW600)	7.34 (SW007)	23.6 (multiple)	29.3 (SW011)	136.9 (SW007)	3,279.8 (SW600)	5.85 (SW011)	7.72 (SW019)	180.5 (SW019)	301.7 (SW009)
Broader Management Zone										
Nov 2021	0.40 (SW081)	4.74 (SW014)	18.7 (SW081)	24.7 (SW079)	170.8 (SW014)	6,332 (SW024)	6.21 (SW014)	7.13 (SW082)	168.0 (SW081)	331.8 (SW259)
May 2022	3.22 (SW259)	8.14 (SW005)	14.9 (SW259)	21.7 (multiple)	98.4 (SW014)	1,107 (SW079)	5.71 (SW014)	7.14 (SW259)	200.7 (SW079)	324.7 (SW024)
Nov 2022	1.55 (SW081)	6.15 (SW014)	19.4 (SW081)	27.0 (SW014)	219.3 (SW014)	21,470 (SW005)	5.77 (SW014)	7.07 (SW062)	155.7 (SW081)	299.9 (SW014)
May 2023	3.47 (SW062)	7.19 (SW014)	12.4 (SW014)	17.3 (SW259)	205.3 (SW014)	21,108 (SW024)	6.31 (SW014)	7.16 (SW259)	161.8 (SW079)	414.1 (SW081)
Nov 2023	1.59 (SW024)	10.25 (SW079)	21.2 (SW014)	27.7 (SW081)	361.0 (SW014)	47,018 (SW259)	5.55 (SW014)	8.41 (SW079)	125.3 (SW014)	309.7 (SW081)

Note: Only one result is reported in the Min-Max Range where the values are the same.

The readings presented in **Table 16** indicate:

- Generally oxygenated conditions.
- Generally fresh, with some brackish water conditions (over 1,500 µS/cm) noted in off-base locations.
- Acidic to slightly alkaline conditions.
- Oxidising to moderately reducing conditions.
- Temperature ranges are considered consistent with background conditions for the time of year of the sampling being conducted in each event.

7.2.3 Surface Water Analytical Results

Surface water analytical results from the monitoring period as well as the available historical surface water analytical results for OMP sampling locations (including data from other projects) are presented in **Table T6** in **Appendix B**.

Surface water results from the November 2021 and November 2023 events are presented spatially on **Figure F26** to **Figure F35** in **Appendix A**. The monitoring activities are summarised in the OMP Sampling Event Factual Reports provided in **Appendix G**. The interpretive assessment of the surface water analytical results is discussed in **Section 8.5** and **Section 8.6**.

Additionally, OMP and other historical surface water concentrations of PFOS+PFHxS and PFOA have been displayed graphically on temporal trend graphs, by catchment/area of interest, in **Appendix C** for the locations provided in **Table 17**, below.

Table 17 Temporal trend graphs of surface water locations

Graph ID	Catchment /Area of interest	Surface Water locations
15, 16	Lake Cochran and On-base Drains	SW047, SW048, SW108, SW110
17, 18	Dawsons Drain	SW055, SW059, SW060
19, 20	Fourteen Foot and Ten Foot Drains and Fullerton Ring Drain	SW062, SW081, SW082, SW259
21, 22	Moors Drain	SW001, SW005, SW006, SW007, SW009, SW014
23, 24	Tilligerry Creek	SW019, SW023, SW024, SW079

A summary of surface water results from the November 2021 to November 2023 sampling events is provided in **Table 18** for locations on-base and within the management zones.

Table 18 Summary of PFOA, PFOS and PFOS+PFHxS Concentrations in Surface Water

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
On-base						
Nov 2021	5 Primary	PFOA	0.06 (multiple) to 0.14 (SW047)	5	0	0
		PFOS	0.38 (SW048) to 9.14 (SW047)	5	NA	5
		PFOS+PFHxS	1.39 (SW048) to 10.7 (SW047)	5	5	NA
May 2022	5 Primary 2 QC	PFOA	0.08 (multiple) to 0.11 (SW047)	7	0	0
		PFOS	0.44 (SW048) to 7.71 (SW108)	7	NA	7
		PFOS+PFHxS	1.66 (SW048) to 8.6 (SW108)	7	7	NA
Nov 2022	5 Primary 2 QC	PFOA	0.05 (SW048) to 0.1 (SW108)	7	0	0
		PFOS	0.22 (SW048) to 5.41 (SW110)	7	NA	7
		PFOS+PFHxS	1 (SW048) to 6.49 (SW110)	7	7	NA
May 2023	5 Primary 2 QC	PFOA	0.05 (SW055) to 0.12 (SW047)	7	0	0
		PFOS	0.52 (SW048) to 10.8 (SW047)	7	NA	7
		PFOS+PFHxS	1.46 (SW048) to 12 (SW047)	7	7	NA
Nov 2023	5 Primary 2 QC	PFOA	0.01 (SW048) to 0.11 (SW110)	7	0	0
		PFOS	0.17 (SW048) to 7.61 (SW110)	7	NA	7
		PFOS+PFHxS	0.35 (SW048) to 8.74 (SW110)	7	7	NA
Primary Management Zone						
Nov 2021	1 Primary	PFOA	0.62 (SW060)	1	1	0
		PFOS	13.4 (SW060)	1	NA	1
		PFOS+PFHxS	21.4 (SW060)	1	1	NA

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
May 2022	1 Primary	PFOA	0.31 (SW060)	1	0	0
		PFOS	7.21 (SW060)	1	NA	1
		PFOS+PFHxS	11.1 (SW060)	1	1	NA
Nov 2022	1 Primary 2 QC	PFOA	0.57 (SW060) to 0.62 (SW060)	3	3	0
		PFOS	16 (SW060) to 16.3 (SW060)	3	NA	3
		PFOS+PFHxS	22 (SW060) to 23.2 (multiple)	3	3	NA
May 2023	1 Primary	PFOA	0.79 (SW060)	1	1	0
		PFOS	15 (SW060)	1	NA	1
		PFOS+PFHxS	28.4 (SW060)	1	1	NA
Nov 2023	1 Primary	PFOA	0.09 (SW060)	1	0	0
		PFOS	1.2 (SW060)	1	NA	1
		PFOS+PFHxS	3.16 (SW060)	1	1	NA
Secondary Management Zone						
Nov 2021	7 Primary 3 QC	PFOA	< LOR (SW019) to 0.16 (multiple)	9	0	0
		PFOS	0.06 (SW019) to 12.8 (SW007)	10	NA	10
		PFOS+PFHxS	0.09 (SW019) to 14.3 (SW007)	10	10	NA
May 2022	7 Primary 2 QC	PFOA	0.02 (multiple) to 0.12 (SW006)	9	0	0
		PFOS	0.32 (SW023) to 18.8 (SW006)	9	NA	9
		PFOS+PFHxS	0.62 (SW023) to 19.8 (SW006)	9	9	NA
Nov 2022	8 Primary	PFOA	0.02 (multiple) to 0.11 (SW007)	8	0	0
		PFOS	0.36 (SW023) to 13.9 (SW007)	8	NA	8

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
		PFOS+PFHxS	0.59 (SW023) to 14.8 (SW007)	8	8	NA
May 2023	9 Primary 2 QC	PFOA	< LOR (multiple) to 0.13 (SW059)	9	0	0
		PFOS	0.06 (SW023) to 7.27 (SW007)	11	NA	11
		PFOS+PFHxS	0.16 (SW023) to 7.93 (SW007)	11	11	NA
Nov 2023	8 Primary 2 QC	PFOA	< LOR (multiple) to 0.05 (multiple)	7	0	0
		PFOS	0.02 (SW019) to 1.16 (SW001)	10	NA	10
		PFOS+PFHxS	0.08 (SW019) to 1.6 (SW009)	10	10	NA
Broader Management Zone						
Nov 2021	8 Primary 2 QC	PFOA	< LOR (multiple) to 0.08 (SW082)	4	0	0
		PFOS	< LOR (SW081) to 1.31 (SW082)	9	NA	9
		PFOS+PFHxS	< LOR (SW081) to 2.53 (SW082)	9	9	NA
May 2022	7 Primary 1 QC	PFOA	< LOR (multiple) to 0.04 (SW259)	6	0	0
		PFOS	< LOR (SW081) to 1.68 (SW005)	7	NA	7
		PFOS+PFHxS	< LOR (SW081) to 1.93 (SW005)	7	7	NA
Nov 2022	7 Primary 2 QC	PFOA	< LOR (multiple) to 0.06 (SW259)	2	0	0
		PFOS	< LOR (SW081) to 1.2 (SW259)	8	NA	8
		PFOS+PFHxS	< LOR (SW081) to 1.98 (SW259)	8	8	NA
May 2023	7 Primary 3 QC	PFOA	< LOR (multiple) to 0.04 (SW259)	3	0	0
		PFOS	< LOR (SW081) to 1.47 (SW014)	9	NA	9
		PFOS+PFHxS	< LOR (SW081) to 1.86 (SW014)	9	9	NA

Sampling Event	No. of Samples[1]	Compound	Concentration Range (µg/L) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
Nov 2023	7 Primary 2 QC	PFOA	< LOR (multiple) to 0.52 (SW062)	2	0	0
		PFOS	< LOR (SW079) to 10 (SW062)	8	NA	8
		PFOS+PFHxS	0.01 (SW079) to 18.5 (SW062)	9	2	NA

Notes:

[1] = Sample counts include intra-laboratory and inter-laboratory duplicates

multiple = the value applies to multiple locations

NA = Not applicable – where there are no applicable Human Health screening criteria for PFOS, and no applicable Ecological screening criteria for the Sum of PFOS and PFHxS.

QC = Quality Control (sample)

Deviations from the historical dataset for surface water recorded during the monitoring period are presented in **Table E2** in **Appendix E** and summarised in **Table 19** below.

Table 19 Surface Water Deviations

Deviation Type	Analyte	Area	Location ID	Number of Deviations
First-time detection	PFOA	Secondary Management Zone	SW600*	1
	PFOS	Secondary Management Zone	SW600*	1
	PFOS+ PFHxS	Secondary Management Zone	SW600*	1
New exceedances of drinking water guidelines	PFOS+ PFHxS	Secondary Management Zone	SW600*	1
New exceedances of recreational water guidelines	PFOS+ PFHxS	Secondary Management Zone	SW600*	1
New exceedances of ecological guidelines (freshwater 99%)	PFOS	Secondary Management Zone	SW600*	1
New Maximum	PFOA	On-base	SW048	1
		Secondary Management Zone	SW059, SW600*	2
		Broader Management Zone	SW062	1
	PFOS	Secondary Management Zone	SW006, SW009, SW600*	3
		Broader Management Zone	SW024, SW062	2
	PFOS+ PFHxS	On-base	SW048	1
		Secondary Management Zone	SW006, SW009, SW600*	4
		Broader Management Zone	SW024, SW062	2
New Minimum	PFOA	Secondary Management Zone	SW600*	1
	PFOS	Secondary Management Zone	SW600*	1
		Broader Management Zone	SW062, SW079, SW259	3
	PFOS+ PFHxS	Secondary Management Zone	SW011, SW600*	2
		Broader Management Zone	SW079, SW259	2

Note: * SW600 was sampled for the first time in the monitoring period, commencing during the November 2022 sampling event, as such there was no historical dataset for this location. Therefore, the detections and exceedances were flagged as first-time detections and new exceedances.

7.3 Sediment Results

7.3.1 Sediment Field Observations

The sediment observations during the monitoring period varied between sand/silt/clayey sand and trace gravels which were light brown to dark brown, black or light grey to grey, and generally included organic matter in the form of rootlets and/or algae and/or leaves.

Note that in the vicinity of SD024, foam of unknown origin and white/blue material with a sulphurous odour was observed in May 2203. A sample of the water and a co-located sediment sample were collected for analysis, denoted as SW158 and SD158.

7.3.2 Sediment Analytical Results

Sediment analytical results from the monitoring period as well as the available historical sediment analytical results for OMP sampling locations (including data from other projects) are presented in **Table T7** in **Appendix B**.

Sediment results from the November 2021 to November 2023 events are presented spatially on **Figure F36** to **Figure F45** in **Appendix A.** The monitoring activities are summarised in the OMP Sampling Event Factual Reports provided in **Appendix G**. The interpretive assessment of the sediment analytical results is discussed in **Section 7.3** and **Section 8.8**.

Additionally, OMP and other historical PFOS+PFHxS and PFOA concentrations for sediment are displayed graphically on temporal trend graphs, by catchment/area of interest, in **Appendix C** for the locations in **Table 20**.

Table 20 Temporal trend graphs for sediment concentrations by catchment / area of interest

Graph ID	Catchment /Area of interest	Sediment locations
G25, G26	Lake Cochran and on-base drains	SD047, SD048, SD108, SD110
G27, G28	Dawsons Drain	SD055, SD059, SD060
G29, G30	Fourteen Foot and Ten Foot Drains, Fullerton Cove Ring Drain and Tidal Gate Outlet	SD062, SD081, SD082, SD259
G31, G32	Moors Drain	SD001, SD005, SD006, SD007, SD009, SD011, SD014
G33, G34	Tilligerry Creek	SD019, SD023, SD024, SD079

A summary of sediment results from the November 2021 to November 2023 events is provided in **Table 21** for locations on-base and within the management zones.

Deviations from the historical dataset for sediment are summarised in **Table E3** in **Appendix E**.

Table 21 Summary of PFOA, PFOS and PFOS+PFHxS Concentrations in Sediment

Sampling Event	No. of Samples[1]	Compound	Concentration Range (mg/kg) in Sampling Event	No. of Samples[1] with Concentration > LOR
On-base				
Nov 2021	5 Primary 1 QC	PFOA	< LOR (multiple) to 0.0011 (SD047)	3
		PFOS	0.0038 (SD055) to 0.3640 (SD047)	6
		PFOS+PFHxS	0.0049 (SD055) to 0.3830 (SD047)	6
May 2022	5 Primary 2 QC	PFOA	< LOR (multiple)	0
		PFOS	0.0016 (SD047) to 0.2000 (SD110)	7
		PFOS+PFHxS	0.0018 (SD047) to 0.2050 (SD110)	7
Nov 2022	5 Primary	PFOA	< LOR (SD047) to 0.0006 (multiple)	4
		PFOS	0.0103 (SD048) to 0.114 (SD108)	5
		PFOS+PFHxS	0.0143 (SD048) to 0.122 (SD108)	5
May 2023	5 Primary	PFOA	< LOR (multiple)	0
		PFOS	0.0026 (SD048) to 0.169 (SD110)	5
		PFOS+PFHxS	0.0034 (SD048) to 0.175 (SD110)	5

Sampling Event	No. of Samples[1]	Compound	Concentration Range (mg/kg) in Sampling Event	No. of Samples[1] with Concentration > LOR
Nov 2023	5 Primary 2 QC	PFOA	< LOR (multiple) to 0.0019 (SD110)	5
		PFOS	0.0019 (SD055) to 0.517 (SD110)	7
		PFOS+PFHxS	0.0025 (SD055) to 0.537 (SD110)	7
Primary Management Area				
Nov 2021	1 Primary	PFOA	0.0014 (SD060)	1
		PFOS	0.0912 (SD060)	1
		PFOS+PFHxS	0.1140 (SD060)	1
May 2022	1 Primary	PFOA	0.0014 (SD060)	1
		PFOS	0.2260 (SD060)	1
		PFOS+PFHxS	0.2480 (SD060)	1
Nov 2022	1 Primary 2 QC	PFOA	0.0003 (multiple) to 0.0004 (SD060)	3
		PFOS	0.012 (SD060) to 0.0213 (SD060)	3
		PFOS+PFHxS	0.014 (SD060) to 0.0252 (SD060)	3
May 2023	1 Primary	PFOA	< LOR (SD060)	0
		PFOS	0.0017 (SD060)	1
		PFOS+PFHxS	0.0023 (SD060)	1
Nov 2023	1 Primary	PFOA	0.0045 (SD060)	1
		PFOS	1.03 (SD060)	1
		PFOS+PFHxS	1.11 (SD060)	1
Secondary Management Zone				
Nov 2021	7 Primary 3 QC	PFOA	< LOR (multiple) to 0.0004 (SD006)	2
		PFOS	0.0010 (multiple) to 0.1310 (SD006)	10
		PFOS+PFHxS	0.0010 (multiple) to 0.1370 (SD006)	10
May 2022	7 Primary 2 QC	PFOA	< LOR (multiple) to 0.0001 (SD009)	1
		PFOS	0.0008 (SD023) to 0.0350 (SD009)	9
		PFOS+PFHxS	0.0008 (SD023) to 0.0360 (SD009)	9
Nov 2022	8 Primary 2 QC	PFOA	< LOR (multiple) to 0.0008 (SD019)	1
		PFOS	0.0003 (SD059) to 0.336 (SD006)	10
		PFOS+PFHxS	0.0003 (SD059) to 0.339 (SD006)	10
May 2023	9 Primary, 4 QC	PFOA	< LOR (multiple) to 0.001 (SD001)	2
		PFOS	< LOR (SD059) to 0.2 (SD006)	12
		PFOS+PFHxS	< LOR (SD059) to 0.208 (SD006)	12
Nov 2023	9 Primary 2 QC	PFOA	< LOR (multiple) to 0.0007 (SD001)	2
		PFOS	0.0015 (SD059) to 0.859 (SD006)	11
		PFOS+PFHxS	0.0015 (SD059) to 0.883 (SD006)	11

Sampling Event	No. of Samples[1]	Compound	Concentration Range (mg/kg) in Sampling Event	No. of Samples[1] with Concentration > LOR
Broader Management Zone				
Nov 2021	8 Primary 2 QC	PFOA	< LOR (multiple) to 0.0005 (SD014)	2
		PFOS	0.0006 (SD259) to 0.0894 (SD014)	10
		PFOS+PFHxS	0.0010 (SD259) to 0.0977 (SD014)	10
May 2022	7 Primary	PFOA	< LOR (multiple)	0
		PFOS	0.0004 (SD062) to 0.0178 (SD081)	7
		PFOS+PFHxS	0.0008 (SD062) to 0.0229 (SD081)	7
Nov 2022	7 Primary 2 QC	PFOA	< LOR (multiple) to 0.0011 (SD005)	1
		PFOS	0.0005 (SD081) to 0.084 (SD024)	9
		PFOS+PFHxS	0.0008 (SD062) to 0.0899 (SD024)	9
May 2023	7 Primary 3 QC	PFOA	< LOR (multiple)	0
		PFOS	0.0003 (SD062) to 0.0731 (SD024)	10
		PFOS+PFHxS	0.0003 (SD062) to 0.0756 (SD024)	10
Nov 2023	7 Primary 2 QC	PFOA	< LOR (multiple) to 0.0017 (SD024)	1
		PFOS	0.0005 (SD079) to 0.0565 (SD014)	9
		PFOS+PFHxS	0.0005 (SD079) to 0.059 (SD014)	9

Notes:

[1] = Sample counts include intra-laboratory and inter-laboratory duplicates

multiple = the value applies to multiple locations

QC = Quality Control (sample)

Deviations from the historical dataset for sediment, recorded during the monitoring period are presented in **Table E3** in **Appendix E**, and summarised in **Table 22** below.

Table 22 Sediment Deviations

Deviation Type	Analyte	Area	Location ID	Number of Deviations
First-time detection	PFOS	Secondary Management Zone	SD600*	1
	PFOS+ PFHxS	Secondary Management Zone	SD600*	1
New Maximum	PFOA	On-base	SD048, SD110	2
		Secondary Management Zone	SD019	1
		Broader Management Zone	SD005, SD014, SD024	3
	PFOS	On-base	SD047, SD048, SD055, SD110	6
		Primary Management Zone	SD060	1
		Secondary Management Zone	SD007, SD023, SD600*	6
		Broader Management Zone	SD005, SD014, SD024	3

Deviation Type	Analyte	Area	Location ID	Number of Deviations
		Other: Fullerton Cove (tidal gate outlet)	SD254	1
	PFOS+ PFHxS	On-base	SD047, SD048, SD055, SD110	6
		Primary Management Zone	SD060	1
		Secondary Management Zone	SD007, SD023, SD600*	6
		Broader Management Zone	SD005, SD014, SD024	3
		Other: Fullerton Cove (tidal gate outlet)	SD254	1
New Minimum	PFOS	On-base	SD108	1
		Secondary Management Zone	SD001, SD023	3
		Broader Management Zone	SD062, SD079, SD081, SD259	5
	PFOS+ PFHxS	On-base	SD108	1
		Secondary Management Zone	SD023	2
		Broader Management Zone	SD062, SD079, SD081, SD259	5

Note: * SD600 was sampled for the first time in the monitoring period, commencing during the November 2022 sampling event, as such there is no historical dataset for this location. Therefore, the detections and exceedances were flagged as first-time detections and new exceedances.

7.4 Soil Results

7.4.1 Soil Field Observations

The soil observations during the monitoring period varied between sandy silt, sandy clay to clay, which were light brown to dark brown with some black and generally included organic matter in the form of rootlets.

7.4.2 Soil Analytical Results

Soil analytical results from the monitoring period as well as all available historical soil analytical results for OMP sampling locations are presented in **Table T8** in **Appendix B**.

Soil results from the November 2021 to May 2023 events are presented spatially on **Figure F46** to **Figure F53** in **Appendix A**. The monitoring activities are summarised in the OMP Sampling Event Factual Reports provided in **Appendix G**. The interpretive assessment of the soil analytical results is discussed in **Section 8.9**.

Additionally, OMP historical soil concentrations of PFOS+PFHxS have been displayed graphically on temporal trend graphs by flood sampling areas, in **Appendix C** for the locations in **Table 23**.

Table 23 Temporal trend graphs of soil concentrations by flood sampling area

Graph ID	Flood Sampling Area	Soil locations
G35	Flood Sampling Area 1	SS108, SS109
G36	Flood Sampling Area 2	SS111, SS112
G37	Flood Sampling Area 3	SS107, SS110
G38	Flood Sampling Area 4	SS105, SS106
G39	Flood Sampling Area 5	SS101, SS102
G40	Flood Sampling Area 6	SS103, SS104

A summary of soil results from the November 2021 to May 2023 events is provided in **Table 24**.

Table 24 Summary of PFOA, PFOS and PFOS+PFHxS Concentrations in Soil

Sampling Event	No. of Samples[1]	Compound	Concentration Range (mg/kg) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
Flood Sampling Area 1						
Nov 2021	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0020 (SS109) to 0.0027 (SS108)	2	0	0
		PFOS+PFHxS	0.0020 (SS109) to 0.0027 (SS108)	2	0	NA
May 2022	2 Primary 1 QC	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0008 (SS109) to 0.0043 (SS108)	3	0	0
		PFOS+PFHxS	0.0008 (SS109) to 0.0052 (SS108)	3	0	NA
Nov 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0008 (SS109) to 0.0046 (SS108)	2	NA	0
		PFOS+PFHxS	0.0008 (SS109) to 0.0049 (SS108)	2	0	NA
May 2023	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0025 (SS108) to 0.0045 (SS109)	2	NA	0
		PFOS+PFHxS	0.0025 (SS108) to 0.0045 (SS109)	2	0	NA
Flood Sampling Area 2						
Nov 2021	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	< LOR (SS111) to 0.0012 (SS112)	1	0	0
		PFOS+PFHxS	< LOR (SS111) to 0.0016 (SS112)	1	0	NA
May 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0002 (SS111) to 0.0021 (SS112)	2	0	0
		PFOS+PFHxS	0.0002 (SS111) to 0.0021 (SS112)	2	0	NA

Sampling Event	No. of Samples[1]	Compound	Concentration Range (mg/kg) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
Nov 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0002 (SS112) to 0.0006 (SS111)	2	0	0
		PFOS+PFHxS	0.0002 (SS112) to 0.0006 (SS111)	2	0	NA
May 2023	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0005 (SS111) to 0.0017 (SS112)	2	0	0
		PFOS+PFHxS	0.0005 (SS111) to 0.0017 (SS112)	2	0	NA
Flood Sampling Area 3						
Nov 2021	2 Primary 1 QC	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0026 (SS110) to 0.0064 (SS107)	3	0	0
		PFOS+PFHxS	0.0026 (SS110) to 0.0064 (SS107)	3	0	NA
May 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0294 (SS110) to 0.0299 (SS107)	2	0	2
		PFOS+PFHxS	0.0300 (SS110) to 0.0301 (SS107)	2	0	NA
Nov 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0011 (SS107) to 0.005 (SS110)	2	0	0
		PFOS+PFHxS	0.0011 (SS107) to 0.005 (SS110)	2	0	NA
May 2023	2 Primary 2 QC	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0017 (SS110) to 0.0034 (SS107)	4	0	0
		PFOS+PFHxS	0.0017 (SS110) to 0.0034 (SS107)	4	0	NA

Sampling Event	No. of Samples[1]	Compound	Concentration Range (mg/kg) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
Flood Sampling Area 4						
Nov 2021	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0004 (SS105) to 0.0021 (SS106)	2	0	0
		PFOS+PFHxS	0.0004 (SS105) to 0.0027 (SS106)	2	0	NA
May 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0006 (SS105) to 0.0017 (SS106)	2	0	0
		PFOS+PFHxS	0.0006 (SS105) to 0.002 (SS106)	2	0	NA
Nov 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0007 (SS105) to 0.0016 (SS106)	2	0	0
		PFOS+PFHxS	0.0007 (SS105) to 0.0016 (SS106)	2	0	NA
May 2023	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0011 (SS105) to 0.002 (SS106)	2	0	0
		PFOS+PFHxS	0.0011 (SS105) to 0.002 (SS106)	2	0	NA
Flood Sampling Area 5						
Nov 2021	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0031 (SS102) to 0.0040 (SS101)	2	0	0
		PFOS+PFHxS	0.0031 (SS102) to 0.0044 (SS101)	2	0	NA
May 2022	2 Primary 1 QC	PFOA	< LOR (SS101) to 0.0002 (multiple)	2	0	0
		PFOS	0.0023 (SS101) to 0.0149 (SS102)	3	0	2
		PFOS+PFHxS	0.0025 (SS101) to 0.0157 (SS102)	3	0	NA
Nov 2022	2 Primary	PFOA	< LOR (multiple) to 0.0003 (SS102)	1	0	0

Sampling Event	No. of Samples[1]	Compound	Concentration Range (mg/kg) in Sampling Event	No. of Samples[1] with Concentration > LOR	No. of Samples[1] with Exceedances of Human Health Criteria	No. of Samples[1] with Exceedances of Ecological Criteria
	2 QC	PFOS	0.0022 (SS101) to 0.0408 (SS102)	4	0	1
		PFOS+PFHxS	0.0024 (SS101) to 0.0468 (SS102)	4	0	NA
May 2023	2 Primary 2 QC	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0007 (SS101) to 0.0049 (SS102)	4	0	0
		PFOS+PFHxS	0.0007 (SS101) to 0.0077 (SS102)	4	0	NA
Flood Sampling Area 6						
Nov 2021	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0008 (SS104) to 0.0015 (SS103)	3	0	0
		PFOS+PFHxS	0.0008 (SS104) to 0.0015 (SS103)	3	0	NA
May 2022	2 Primary	PFOA	< LOR (multiple)	0	0	0
		PFOS	0.0004 (SS104) to 0.0010 (SS103)	2	0	0
		PFOS+PFHxS	0.0004 (SS104) to 0.0010 (SS103)	2	0	NA
Nov 2022	2 Primary	PFOA	< LOR (SS104) to 0.0009 (SS103)	1	0	0
		PFOS	< LOR (SS104) to 0.0194 (SS103)	1	0	1
		PFOS+PFHxS	< LOR (SS104) to 0.0223 (SS103)	1	0	NA
May 2023	2 Primary	PFOA	< LOR (SS104) to 0.0002 (SS103)	1	0	0
		PFOS	0.0005 (SS104) to 0.0212 (SS103)	2	0	1
		PFOS+PFHxS	0.0005 (SS104) to 0.0256 (SS103)	2	0	NA

Notes:

[1] = Sample counts include intra-laboratory and inter-laboratory duplicates

multiple = the value applies to multiple locations

NA = Not applicable – where there are no applicable Human Health screening criteria for PFOS, and no applicable Ecological screening criteria for the Sum of PFOS and PFHxS.

QC = Quality Control (sample)

Deviations from the historical dataset for surface soil recorded during the monitoring period are presented in **Table E4** in **Appendix E**, and summarised in **Table 25** below:

Table 25 Surface Soil Deviations

Deviation Type	Analyte	Area	Location ID	Number of Deviations
First-time detection	PFOA	Flood Sampling Area 6	SS103	1
New exceedances of ecological indirect exposure guidelines	PFOS	Flood Sampling Area 3	SS107	1
New Maximum	PFOA	Flood Sampling Area 6	SS103	1
	PFOS	Flood Sampling Area 1	SS108, SS109	4
		Flood Sampling Area 3	SS107	1
		Flood Sampling Area 5	SS102	1
		Flood Sampling Area 6	SS103, SS104	3
	PFOS+PFHxS	Flood Sampling Area 1	SS108, SS109	3
		Flood Sampling Area 3	SS107	1
		Flood Sampling Area 5	SS102	1
		Flood Sampling Area 6	SS103, SS104	3
New Minimum	PFOS	Flood Sampling Area 3	SS110	2
		Flood Sampling Area 5	SS101	3
		Flood Sampling Area 6	SS103	2
	PFOS+PFHxS	Flood Sampling Area 3	SS110	2
		Flood Sampling Area 5	SS101, SS102	4
		Flood Sampling Area 6	SS103	2

7.5 Aquatic Biota Results

Aquatic biota analytical results from the monitoring period as well as the available historical aquatic biota analytical results are presented in **Table T9** in **Appendix B**.

The monitoring activities are provided in the biota sampling factual report (AECOM, 2022c) in **Appendix G**, and a summary of the results from the February 2022 event is provided in **Table 26** for each species.

The interpretive assessment of the aquatic biota analytical results is discussed in **Section 8.11**.

Table 26 Summary of PFOA, PFOS and PFHxS Concentrations in Aquatic Biota

Analyte	Number of samples analysed	Number of detections	Number of Exceedances	Minimum concentration (mg/kg)	Maximum concentration (mg/kg)
Dusky Flathead (*Platycephalus fuscus*)					
PFOA	4	0	0	< LOR	< LOR
PFOS		4	4	0.0120	0.0140
PFHxS		0	0	< LOR	< LOR
Luderick (*Girella tricuspidata*)					
PFOA	4	0	0	< LOR	< LOR
PFOS		4	0	0.0014	0.0046
PFHxS		0	0	< LOR	< LOR
School Prawn (*Metapenaeus macleayi*)					
PFOA	4	0	0	< LOR	< LOR
PFOS		4	0	0.0053	0.0072
PFHxS		4	0	0.00058	0.00080

A summary of the PFAS results in tissue samples are as follows:

- PFOS was detected in all biota composite samples with concentrations ranging between 0.0014 mg/kg and 0.0140 mg/kg.
- The PFOS concentrations were above the FSANZ (2017) finfish trigger value of 0.0052 mg/kg (for children aged between two and six years) in the four dusky flathead composite samples analysed.
- The PFOS concentrations were below the FSANZ (2017) finfish trigger value of 0.0052 mg/kg (for children aged between two and six years) in the four luderick composite samples analysed.
- The PFOS concentrations were below the FSANZ (2017) crustacean trigger value of 0.065 mg/kg (for children aged between two and six years) in the four school prawn composite samples analysed.
- In addition to PFOS, PFHxS concentrations were reported in school prawn composite samples ranging between 0.00058 mg/kg and 0.00080 mg/kg.

No other PFAS were reported at concentrations above the laboratory LOR in the luderick or dusky flathead composite samples analysed.

The water quality parameters at the time of sampling are summarised in AECOM (2021h) (in **Appendix G**).

7.6 Non-OMP data

Groundwater samples were collected in association with PFAS characterisation projects and operational monitoring. A summary of the concentrations is presented in **Table 27** to **Table 29**.

Table 27 Summary of Non-OMP sampling – Groundwater

Sampling Project	No. groundwater samples analysed	Compound	Concentration range µg/L (location)
SA WTP Project (Jul 2020 – Jun 2021)	95 (27 locations)	PFOS+PFHxS	<0.002 – 20.300 (MW730)
		PFOA	<0.0005 – 0.5200 (MW466)
	13 (11 locations)	PFOS+PFHxS	0.62 – 16.40 (MW856D)

Sampling Project	No. groundwater samples analysed	Compound	Concentration range µg/L (location)
STP Lagoons Characterisation (Jun 2021 – Aug 2021)		PFOA	0.01 – 0.21 (MW856D)
Moors Drain Catchment Study (May 2021 -Sep 2021)	18 (16 locations)	PFOS+PFHxS	0.49 – 55.00 (MW420s)
		PFOA	<0.01 – 1.65 (MW441)
NE Landfill Characterisation (Aug 2021 – Dec 2021)	39 (29 locations)	PFOS+PFHxS	<0.01 – 2.22 (MW209I)
		PFOA	<0.01 – 0.52 (MW430)
Western Wellfield Installation (Sep 2023 – Nov 2023)	40 (18 locations)	PFOS+PFHxS	0.62 – 60.8 (MW354S)
		PFOA	0.01 – 5.77 (MW354S)

Table 28 Summary of Non-OMP sampling – Surface Water

Sampling Project (date)	No. surface water samples analysed	Compound	Concentration range µg/L (location)
STP Lagoons Characterisation (Jun 2021 – Aug 2021)	9 (7 locations)	PFOS+PFHxS	4.32 – 5.27 (SW568)
		PFOA	0.061 – 0.09 (SW568)
Moors Drain Catchment Study (May 2021 – Sep 2021)	48 (42 locations)	PFOS+PFHxS	<0.02 – 10.8 (SW588)
		PFOA	<0.01 – 0.17 (SW585)
NE Landfill Characterisation (Aug 2021 – Dec 2021)	5 (4 locations)	PFOS+PFHxS	0.34 – 0.85 (SW595)
		PFOA	<0.01 – 0.01 (SW595)

Table 29 Summary of Non-OMP sampling – Soil and Sediment

Sampling Project (date)	No. samples analysed	Compound	Concentration range mg/kg (location)
STP Lagoons Characterisation (Jun 2021 – Aug 2021)	76 – Soil (64 locations)	PFOS+PFHxS	0.011 – 0.275 (BH567)
		PFOA	<0.0002 – 0.0007 (BH585)
	26 – Sediment (22 locations)	PFOS+PFHxS	0.0017 – 0.0405 (SD437)
		PFOA	<0.0002 – 0.0002 (SD437)
NE Landfill Characterisation (Aug 2021 – Dec 2021)	323 -Soil (176 locations)	PFOS+PFHxS	<0.0002 – 0.307 (TP232)
		PFOA	<0.0002 – 0.0006 (TP223)
	4 – Sediment (4 locations)	PFOS+PFHxS	0.0029 – 0.011 (SD448)
		PFOA	<0.0002

8.0 Interpretive Analysis

8.1 Groundwater Level and Flow

The sampling events were timed to target different rainfall periods, based on historical rainfall data recorded at the BoM weather station (061078) located at the base. The November 2021, November 2022 and November 2023 sampling events targeted a typically low rainfall period (however atypically wet conditions were observed in 2021), and the May 2022 and May 2023 sampling events targeted a typically high rainfall period. The May 2022 event had the most rainfall recorded during this monitoring period.

The SWLs were measured in groundwater monitoring wells and converted to groundwater elevations (in mAHD). Depth to groundwater measurements are presented in **Table T1** in **Appendix B** and the inferred potentiometric contours for:

- November 2021, November 2022 and November 2023 samplings event are presented in **Figures F6, F10, and F14** in **Appendix A** (shallow aquifer interval) and **Figures F7, F11, and F15** in **Appendix A** (deep aquifer interval), respectively; and
- May 2022 and May 2023 sampling events are presented in **Figures F8 and F12** in **Appendix A** (shallow aquifer interval) and **Figures F9 and F13** in **Appendix A** (deep aquifer interval), respectively.

Groundwater elevations were generally within about 0.2 to 0.8 m of previous measurements in shallow and deep monitoring wells. There is a strong correlation between rainfall and groundwater level fluctuation at the base.

The measured groundwater elevations in November 2021 and May 2022 were higher than the elevations recorded in November 2022, May 2023, and November 2023 in majority of the wells gauged. Note that in November 2021 and May 2022, rainfall greater than 213 mm and 114 mm were received in the area accordingly, which may have resulted in the higher groundwater elevations recorded.

The groundwater elevation in November 2023 was lowest during this monitoring period. Greater than 86 mm of rainfall was received in this area, with approximately 20% to 80% lower than the rainfall reported in the other sampling events during this monitoring period.

Groundwater flow directions in the Tomago Sand Beds aquifer within the monitored area, inferred from groundwater level measurements remain consistent with historical trends, with flow to the south/south-west towards Fullerton Cove in the western portion of base, and south east towards Tilligerry Creek in the eastern portion of the base.

The groundwater flow in the Stockton Sand Beds aquifer, located between Tilligerry Creek and the Newcastle Bight, flow in a north west direction, towards Tilligerry Creek.

8.2 Groundwater Physicochemical Properties

The water quality parameters reported in November 2021, May 2022, November 2022, May 2023 and November 2023 were within previous data ranges, with the exception of higher dissolved oxygen and electric conductivity in groundwater at discrete locations on-base, in the Southern Area, Tilligerry Creek, Fourteen Foot Drain and Fullerton Cove Ring Drain. The dissolved oxygen and electrical conductivity values are attributed to high rainfall that occurred prior to the monitoring events.

Localised flooding was observed during the May 2022 monitoring event.

8.3 Groundwater Analytical Results

8.3.1 Overview

The November 2021, May 2022, November 2022, May 2023, and November 2023 groundwater results for PFOS+PFHxS and PFOA compared to assessment criteria are provided in **Figures F16** to **Figure F25** in **Appendix A** and presented in **Table T5** in **Appendix B**.

A summary of changes to the nature and extent of PFAS groundwater contamination is discussed below.

8.3.2 PFAS Plume Characteristics

The current PFAS plume is presented on **Figure F54** (in **Appendix A**).

The groundwater PFAS plume extents are generally consistent with the plume presented in the 2021 AIR, with the exception of the following changes identified during this monitoring period:

Western Plume

- The recent studies have further characterised and increased the data resolution to refine the Western Plume. The PFAS plume in this area originates from the FFTA and flows south, with a high-concentration centreline within the former DEMS Landfill (south of FFTA). Elevated concentrations of PFOS+PFHxS (>200 µg/L) were reported along the central (north-south) axis of the plume during this monitoring period. PFAS in groundwater appears to be discharging to surface water in Dawsons Drain to the south of the base.
- The PFAS concentrations in the northern, eastern, and western extents of the Western Plume decreased in November 2023 sampling event, in particular MW168 (located at the FFTA), MW169S/D (to the south of FFTA), MW172 (to the southeast of the FFTA) and MW280S (located to the west of the base). The decrease in concentrations is likely to be attributed to the ongoing treatment of groundwater at the FFTA, the soil remediation works at the FFTA and also to lower groundwater elevation as a result of low rainfall reported during the monitoring event.
- Defence is currently planning for the extraction of groundwater along the southern boundary of the base as the core of western PFAS plume is on-base and it is still migrating south, based on the modelling results of Groundwater Strategy Review (Geosyntec, 2022). Defence is planning to move the groundwater extraction system at the FFTA to the southern boundary. The groundwater extraction wells were installed in September 2023 with testing of the wells completed in December 2023. This is an action from the updated PMAP (Defence, 2023).

Central Plume

- Decreasing in PFAS concentrations in groundwater at the former Fire Training Pad (FTP) and Foam Testing Facility (FTF) was observed in this monitoring period following the completion of soil remediation works in 2021. These locations included MW196 and MW201S, however, a longer-term monitoring during more typical climatic conditions would provide greater understanding of the groundwater plume characteristics in the source area.
- PFAS concentrations and the shape of the groundwater plume immediately south of Lake Cochran/foot of the Central Plume appears to be stable as a result of treatment of groundwater immediately south of Lake Cochran. It is noted that Defence is planning to trial an in-ground passive barrier along the southern boundary targeting groundwater. This is an action from the updated PMAP (Defence, 2023).
- Further south from Lake Cochran, within the Primary Management Zone, the PFAS concentrations show an increasing trend (in MW126S and MW178) in the southern extent/head of the Central Plume, near Cabbage Tree Road and is discharging into the surface water at Leary's Drain. In contrast, PFAS concentration decreased by an order of magnitude in MW188S in May 2023 and November 2023. Note that the southern extents of the PFAS impacts are supported by the groundwater modelling, and therefore the increasing concentrations are not unexpected.
- Additionally, within the Secondary Management Zone, slight increase in PFAS concentrations were reported at the toe of the plume in MW147S in May 2022 and remained elevated in May 2023, however these concentrations were lower than the concentrations reported in 2018, indicating high fluctuating concentrations in this area. Note that PFAS concentrations further south do not indicate further increases in the plume extents.
- Of note was the concentration of PFAS reported in MW146AD located in the Secondary Management Zone, within the Central Plume, with concentrations of PFOS+PFHxS at 0.28 µg/L in May 2022 that may have been impacted by the sediment observed in the well during this sampling event. The concentrations reduced in subsequent events, with PFOS+PFHxS reported at below

LOR in May 2023 and at 0.03 µg/L in November 2023. Confirming that the May 2022 result may be anomalous.

- Overall, the Central Plume has remained stable since 2017, and hence the Central Plume is considered to be 'fully developed' and unlikely to expand in this area.
- Design and planning processes by Defence for the off-base groundwater extraction system (and associated pipeline) are underway and nearing completion, and upgrades to the treatment plant capacity on-base have already commenced. This is action from the updated PMAP (Defence, 2023).

Eastern Plume

- PFAS concentrations and shape of the groundwater plume in the Secondary Management Zone including Salt Ash area to the east of the base primarily present stable conditions.
- Overall, the shape of the groundwater plume in this area remains consistent with AECOM (2017a) and 2021 AIR.
- Defence is undertaking further investigations into the source of PFAS impacts in the eastern catchment (Moors Drain Catchment) as recommended in the updated PMAP (Defence, 2023). The outcome of this work will inform future upgrades to the Moors Drain water treatment system and/or further soil remediation in this catchment (including at the former fire training pad).

Influence of Rainfall

The base and Management Area experienced prolonged periods of elevated rainfall in November 2021 to May 2023, which has influenced the extent and fluctuations in concentrations of PFAS in groundwater. In particular, some locations to the north and south of the base outside the plume footprints were reported as first-time detections. These include:

- MW842 (adjacent Medowie Road to the northeast of the base) with first time detection of PFOS in June 2022 and returned below LOR in May 2023.
- MW264S (north of the base) with a first-time detection of PFOS+PFHxS in June 2022 and remained stable at 0.02 ug/L in May 2023.
- MW270S (south of the base along Fullerton Cove Road) with a first-time detection of PFOS in May 2022. Note that PFOA had been detected previously in 2020 at this location.
- MW317D (centre of the base) in May 2023.

The higher-than-average rainfall during this monitoring period increased the interaction between shallow groundwater and surface water further mobilising and distribution of PFAS. Hence, the elevated rainfall and flooding observed at the base and surrounding areas in this monitoring period is considered to have contributed to the migration of PFAS both within and outside the plume extents. All locations will be monitored again in subsequent monitoring events to establish any trends in PFAS contaminant concentrations.

Based on the concentrations of PFAS in groundwater, there is no significant change to the risk to human health and the environment. Ongoing evaluation of the groundwater characteristics associated with the management zones and source areas will continue.

8.4 Groundwater Temporal Trend Analysis

Temporal graphs and Mann Kendall analysis are presented in **Appendix C** for PFOS+PFHxS and PFOA concentrations in selected groundwater sampling locations indicative of a management zone or area of interest (as presented in **Table 13**, in **Section 7.1.5**).

The Mann Kendall analysis was used to assess the trends in the concentrations in groundwater and whether they have a monotonic upward or downward trend. The significance of these trends is determined by the confidence factor, or *p* value, of the analysis, as follows.

- a confidence factor over 95% indicates that there is an increasing or decreasing trend.

- a confidence factor over 90% indicates the there is a 'probably increasing' or 'probably decreasing' trend.
- a confidence factor less than 90% indicates 'Stable' or 'No Change'.

Trend analysis was only undertaken for locations which were sampled in the monitoring period, and for locations which were consistently greater than the LOR. The data used in this analysis was sourced from up to the last 40 concentrations reported for each sample location. Where sample results were less than the LOR, half the LOR[1] was adopted for the Mann Kendall analysis.

A summary of PFOS+PFHxS and PFOA concentrations for the select locations (including historical ranges and concentrations from the OMP events during the monitoring period) and trend analysis results are presented in tabular form in the following sections.

8.4.1 Primary Management Zone

Both PFOS+PFHxS and PFOA concentrations in the Primary Management Zone appear to be stable (results are below LOR) or no trend in the majority of locations assessed. The only exceptions are MW126S and MW178 located at the southern edge of the central plume, where PFOS+PFHxS concentrations show an increasing trend.

Refer to **Graph G1** and **Graph G2** and the relevant Mann Kendall analysis (in **Appendix C**), and **Table** 30 below.

While a number of monitoring wells previously sampled during the Environmental Site Assessment (ESA) (AECOM, 2017a) and previous monitoring period (AECOM, 2021a) were unable to be accessed during this monitoring period, AECOM considers that the remaining monitoring well network provides sufficient coverage to assess changes in the plume extent within the Primary Management Zone.

Table 30 Summary of Trend Analysis: Primary Management Zone

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW126S	PFOA	0.04 – 0.56	0.25 – 0.68	*Increasing*	*99.1%*
	PFOS+PFHxS	0.49 – 17.70	11.0 – 23.00	Increasing	99.9%
MW126D	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR – 0.50	< LOR – 0.01	*No Trend*	*72.3%*
MW178	PFOA	< LOR	< LOR – 0.01	Not assessed*	
	PFOS+PFHxS	< LOR – 0.20	0.14 – 0.44	*Increasing*	*>99.9%*
MW188S	PFOA	< LOR – 0.09	< LOR	*No Trend*	*85.4%*
	PFOS+PFHxS	0.23 – 3.80	0.020	No Trend	78.4%
MW238S	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	
MW238D	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	
MW271S	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR – 0.08	0.01 – 0.03	*Probably Increasing*	*90.2%*
MW271D	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	

[1] Where multiple LOR thresholds were present for a sample location, the average of half the LOR values was used.

Note:
Only one result is reported in the Min-Max Range where the values are the same.
Italics: indicate low confidence in the Mann Kendall trend analysis given concentrations are within 1 to 2 orders of magnitude of the LOR.
* Insufficient sample numbers (less than four results over LOR) at this location to allow for statistical assessment.

Note that the analysis can be overrepresented due to low concentrations where there may be outliers, and this has been taken into consideration when assessing the results.

8.4.2 Secondary Management Area

The PFOS+PFHxS and PFOA concentrations in wells at the Secondary Management Zone continue to show a decreasing, stable or no trend.

The only exception is the potential increasing trend for PFOA in MW132D. However, given that the PFOA concentrations are low and at times near the LOR, the confidence factor raises some uncertainty with regards to the trend. It is also noted that at MW132D, the PFOA concentrations have been decreasing since 2021, and in November 2023, PFOA had reduced to the concentrations reported in 2018. Further monitoring is required to assess whether this is an actual increasing trend or a fluctuation in PFAS concentrations.

Refer to **Graph G3** and **Graph G4** and the relevant Mann Kendall analysis (in **Appendix C**), and **Table** 31 below.

Table 31 Summary of Trend Analysis: Secondary Management Zone

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW123	PFOA	< LOR – 0.04	< LOR – 0.01	*Stable*	79.1%
	PFOS+PFHxS	0.10 – 1.93	0.18 – 0.80	Stable	68.6%
MW132S	PFOA	< LOR – 0.02	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR – 1.29	0.22 – 0.72	No Trend	66.9%
MW132D	PFOA	0.01 – 0.09	0.02 – 0.10	*Probably Increasing*	90.4%
	PFOS+PFHxS	0.07 – 2.33	0.94 – 1.21	No Trend	74.1%
MW161S	PFOA	0.03 – 0.08	0.04 – 0.07	*Stable*	76.4%
	PFOS+PFHxS	3.00 – 4.60	2.56 – 3.23	Stable	71.9%
MW161D	PFOA	< LOR – 0.14	0.05 – 0.06	*Stable*	71.9%
	PFOS+PFHxS	0.06 – 5.58	2.63 – 2.79	Stable	71.9%
MW247S	PFOA	0.02 – 0.09	0.02 – 0.04	*Decreasing*	97.6%
	PFOS+PFHxS	0.97 – 2.31	0.31 – 2.05	Stable	87.2%
MW279S	PFOA	0.01 – 113.00	0.01 – 0.03	No Trend	84.8%
	PFOS+PFHxS	0.04 – 70.30	0.71 – 2.60	No Trend	68.6%

Note:
Only one result is reported in the Min-Max Range where the values are the same.
Italics: indicate low confidence in the Mann Kendall trend analysis given concentrations are within 1 to 2 orders of magnitude of the LOR.
* Insufficient sample numbers (less than four results over LOR) at this location to allow for statistical assessment.

8.4.3 Broader Management Zone (Salt Ash)

The changes in PFOS+PFHxS and PFOA concentrations in wells in the Broader Management Zone could not statistically be determined as PFAS has, for the most part, not been detected in groundwater. These results are expected given that the Broader Management Zone (including the Salt Ash area) is outside the known extent of the groundwater plume.

Refer to **Graph G5** and **Graph G6** (in **Appendix C**).

Table 32 Summary of Trend Analysis: Broader Management Zone (Salt Ash)

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW118	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	
MW258S	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	
MW258D	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	
MW263S	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	
MW263D	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR	< LOR	Not assessed*	
POT144	PFOA	< LOR	< LOR	Not assessed*	
	PFOS+PFHxS	< LOR – 0.05	< LOR	Not assessed*	

Note:

Only one result is reported in the Min-Max Range where the values are the same.

* Insufficient sample numbers (less than four results over LOR) at this location to allow for statistical assessment.

8.4.4 On-base: FFTA

The changes in PFOS+PFHxS and PFOA concentrations in wells in the area of the FFTA generally show an overall decreasing trend. The exceptions are the reported increasing trend for both PFOS+PFHxS and PFOA in MW172, which is located on-base to the southeast of the FFTA along the eastern edge of the Western Plume originating from the FFTA, confirming that the plume is moving away from FFTA. It is however noted that the PFOS+PFHxS concentrations in MW172 in November 2023 were lower than the previous round in May 2023 and also the lowest since March 2022. Further monitoring of this location over time will provide greater understanding of the PFAS concentration and groundwater plume characteristics in this area.

Refer to **Graph G7** and **Graph G8** (in **Appendix C**) and the relevant Mann Kendall analysis (in **Appendix C**) and

Table 33 below.

As discussed in **Section 6.1.3**, the decline in concentrations is inferred to be related to the management activities undertaken by Defence at the FFTA, namely treatment of groundwater and excavation of PFAS impacted soil. The groundwater plume now appears to be disconnecting from the source area and migrating to the south.

It is noted that the low groundwater elevations reported in the majority of wells as a result of lower rainfall recorded in May 2023 and November 2023 has the potential to impact the interpretation of this data.

Table 33 Summary of Trend Analysis: FFTA

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW108S	PFOA	< LOR – 0.58	< LOR – 0.42	No Trend	89.7%
	PFOS+PFHxS	0.21 – 5.95	0.79 – 6.89	No Trend	84.8%
MW167	PFOA	< LOR – 6.85	0.02 – 0.08	Decreasing	>99.9%
	PFOS+PFHxS	6.70 – 563.00	2.17 – 84.7	Decreasing	>99.9%
MW168	PFOA	< LOR – 1.30	0.07 – 0.44	No Trend	75.8%
	PFOS+PFHxS	3.53 – 94.43	5.04 – 50.6	Decreasing	>99.9%
MW169D	PFOA	< LOR – 0.13	< LOR	*Decreasing*	99.0%
	PFOS+PFHxS	0.26 – 8.32	0.09 – 0.29	Decreasing	99.9%
MW172	PFOA	< LOR – 0.12	< LOR – 0.14	*Increasing*	>99.9%
	PFOS+PFHxS	< LOR – 2.03	0.26 – 1.33	Increasing	>99.9%
MW281S	PFOA	2.19 – 8.75	1.60 – 3.79	Decreasing	>99.9%
	PFOS+PFHxS	51.00 – 283.00	41.00 – 255.00	Decreasing	99.4%
MW282S	PFOA	0.03 – 3.41	< LOR – 0.28	Decreasing	96.3%
	PFOS+PFHxS	0.88 – 70.7	0.11 – 11.00	Decreasing	97.8%

Note:

Only one result is reported in the Min-Max Range where the values are the same.

Italics: indicate low confidence in the Mann Kendall trend analysis given concentrations are within 1 to 2 orders of magnitude of the LOR.

* Insufficient sample numbers (less than four results over LOR) at this location to allow for statistical assessment.

8.4.5 On-base: South of Lake Cochran

The changes in PFOS+PFHxS and PFOA concentrations in wells south of Lake Cochran show a generally stable to decreasing trend, with the exception of MW175D, which is showing an increasing trend for both PFOA and PFOS+PFHxS.

Refer to **Graph G9** and **Graph G10** and the relevant Mann Kendall analysis (in **Appendix C**), and **Table 34** below.

As discussed in **Section 6.1.3** the decline in concentrations in shallow groundwater is inferred to be related to the management activities undertaken by Defence, namely the SA WTP treating groundwater at the southern base boundary (refer to **Section 6.1.3**).

Table 34 Summary of Trend Analysis: South of Lake Cochran

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW109D	PFOA	0.01 – 0.89	0.05 – 0.88	*No Trend*	54.5%
	PFOS+PFHxS	1.53 – 56.70	4.48 – 37.40	Stable	81.6%
MW175D	PFOA	< LOR – 0.20	0.03 – 0.10	*Increasing*	99.9%
	PFOS+PFHxS	0.04 – 10.40	2.50 – 5.66	Increasing	99.2%
MW466	PFOA	< LOR – 1.40	0.04 – 0.63	Probably Decreasing	92.6%
	PFOS+PFHxS	1.87 – 57.70	1.79 – 24.80	Decreasing	98.6%

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW468	PFOA	< LOR – 0.79	0.14 – 0.53	*Probably Decreasing*	94.5%
	PFOS+PFHxS	1.92 – 61.50	11.40 – 33.70	Decreasing	96.5%

Note:
Only one result is reported in the Min-Max Range where the values are the same.
Italics: indicate low confidence in the Mann Kendall trend analysis given concentrations are within 1 to 2 orders of magnitude of the LOR.
* Insufficient sample numbers (less than four results over LOR) at this location to allow for statistical assessment.

8.4.6 On-base: Former and Current Fire Station

The changes in PFOS+PFHxS and PFOA concentrations in wells near the Former and Current Fire Station generally show a decreasing trend.

Refer to **Graph G11** and **Graph G12** and the relevant Mann Kendall analysis (in **Appendix C**), and **Table 35** below.

Table 35 Summary of Trend Analysis: Former and Current Fire Station

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW196	PFOA	0.05 – 0.68	0.06 – 0.21	*Decreasing*	97.7%
	PFOS+PFHxS	3.10 – 47.5	4.08 – 24.60	Decreasing	97.4%
MW198	PFOA	0.02 – 0.59	0.04 – 0.16	*No Trend*	73.8%
	PFOS+PFHxS	0.71 – 24.45	5.14 – 11.60	No Trend	87.0%
MW201S	PFOA	0.02 – 0.35	0.02 – 0.03	*No Trend*	72.9%
	PFOS+PFHxS	1.95 – 24.90	1.56 – 2.58	Stable	72.9%
MW202S	PFOA	< LOR – 0.03	< LOR – 0.02	*Stable*	83.6%
	PFOS+PFHxS	0.20 – 2.45	0.30 – 1.12	Decreasing	95.4%

Note:
Only one result is reported in the Min-Max Range where the values are the same.
Italics: indicate low confidence in the Mann Kendall trend analysis given concentrations are within 1 to 2 orders of magnitude of the LOR.

8.4.7 On-base: Trade Waste Treatment

The changes in PFOS+PFHxS and PFOA concentrations in wells within the Trade Waste Treatment area show an overall stable or decreasing trend.

Refer to **Graph G13** and **Graph G14** and the relevant Mann Kendall analysis (in **Appendix C**), and **Table 36** below.

Table 36 Summary of Trend Analysis: Trade Waste Treatment

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW208	PFOA	0.08 – 0.92	0.18 – 0.39	*No Trend*	70.1%
	PFOS+PFHxS	8.11 – 27.4	11.10 – 29.2	Stable	59.6%

Location ID	Analyte	Historical Range	OMP Events (Current Period)	Mann Kendall Analysis	
		Min – Max (µg/L)	Min – Max (µg/L)	Trend	Confidence Factor
MW210S	PFOA	0.03 – 0.19	0.08 – 0.11	*Probably Decreasing*	90.5%
	PFOS+PFHxS	1.32 – 20.6	2.81 – 9.48	Probably Decreasing	94.0%
MW210D	PFOA	< LOR – 0.02	< LOR	Not assessed*	
	PFOS+PFHxS	0.03 – 0.5	0.01 – 0.03	*Decreasing*	99.8%
MW212	PFOA	< LOR – 0.03	< LOR – 0.02	*Decreasing*	99.5%
	PFOS+PFHxS	0.16 – 4.68	0.20 – 0.65	Decreasing	99.8%

Note:

Only one result is reported in the Min-Max Range where the values are the same.

Italics: indicate low confidence in the Mann Kendall trend analysis given concentrations are within 1 to 2 orders of magnitude of the LOR.

* Insufficient sample numbers (less than four results over LOR) at this location to allow for statistical assessment.

8.5 Surface Water Results

The highest concentrations of PFAS in surface water samples reported during the monitoring period are as follows:

- 21.4 µg/L (PFOS+PFHxS at SW060) in November 2021, compared to 3.16 µg/L in November 2023.
- 1.2 µg/L (PFOA also at SW060) in July 2023, compared to 0.09 µg/L in November 2023.

As discussed in **Section 8.3.2,** groundwater from the Central Plume is discharging into the surface water at Leary's Drain. Surface water sample location SW060 is located under Cabbage Tree Road and downstream of the likely groundwater discharge point. The elevated PFAS concentrations at SW060 were reported at the southern extent/head of the Central Plume near Cabbage Tree Road, and consequently, influencing PFAS concentrations at SW060.

The majority of PFAS concentrations in surface water sampling locations appear to be fluctuating but remain within the historical ranges from November 2021 until May 2023, however, it decreased in November 2023, which could be attributed to the lowest rainfall recorded during the monitoring period. The only exception is the increase of PFOS+PFHxS and PFOA concentrations in SW062, which was two orders of magnitude higher than the historical concentration ranges, during the November 2023 sampling event.

Furthermore, it should be noted that concentrations of PFAS in surface water did not report first-time detections or new exceedances of the adopted guidelines during the monitoring period, with the exception of SW600, located at the Fourteen Foot Drain. This location was sampled for the first time in November 2022, replacing nearby SW072, which was inaccessible. Note that the PFAS concentrations at SW600 were within or below the historical range at SW072, where exceedances of both drinking water and recreational criteria were reported when the surface water location, SW072 was last sampled in 2020.

Significant rainfall was observed across the catchment during this monitoring period particularly from November 2021 to May 2023, which is likely to have attributed to the higher PFAS concentrations reported in the sampling events, likely to have impacted the PFAS distribution from source areas into both on-base and downstream surface water environments. In particular, the locations where new maximum results were reported are located:

- In the drainage line at SW048, located on-base drainage immediately up-gradient of Lake Cochran and downstream of source areas (FTP and FTF).

- Discharge point at the southeast boundary of the base at SW006, which is connected southern branch of Moors Drain and SW009 which is along Moors Drain to the east of the base.
- In Tilligerry Creek to the east of the base at SW024.
- In Fourteen Foot Drain at SW062 and SW600.

The concentration of PFAS will continue to be monitored to assess temporal variations. Additionally, further investigations into the source of PFAS impacts in the eastern catchment (Moors Drain Catchment) are in progress to address recommendations outlined in the PMAP (Defence, 2023a), and will also consider Facility 165 and migration of surface water towards Lake Cochran.

Note that additional samples were collected in the vicinity of SW024 (targeting Tilligerry Creek) during the monitoring period where foam of unknown origin and white/blue material with a sulphurous odour were observed. The following were reported:

- Concentrations of PFOS+PFHxS at 387 µg/L and PFOA at 6 µg/L in the foam sample collected in November 2022. The foam is of unknown origin and does not appear to have impacted the PFAS concentrations in the nearby OMP surface water sample location at SW024, which reported PFAS concentrations within historical ranges in November 2022.
- Concentrations of PFOS+PFHxS at 0.12 µg/L and PFOA at below LOR in the white/blue material with a sulphurous odour sample collected in May 2023. This material of unknown origin does not appear to have impacted the PFAS concentrations in the nearby OMP surface water sample location at SW024, which reported PFAS concentrations withing historical ranges in May 2023.

Assessment of temporal trends in each of the catchment areas is discussed in the following sections. The temporal trend **Graphs G17** to **G24** are provided in **Appendix C**.

8.6 Surface Water Temporal Trend Analysis

Temporal graphs are presented in **Appendix C** for PFOS+PFHxS and PFOA concentrations in selected surface water sampling locations indicative of a catchment area or area of interest (as presented in **Table 17**, in **Section 7.2.3**).

Locations with PFAS concentrations consistently below LOR were excluded from the temporal graphs. Additionally, the 30-day average daily rainfall total (in mm) has been included on the temporal trend graphs to allow for assessment of the influence of rainfall on PFAS concentrations.

Note that Mann Kendall analysis was not used to assess the trends in PFAS concentrations in surface water, in accordance with the PFAS OMP Annual Interpretive Report Guidance (Defence, 2022).

The temporal trends are discussed for each area of interest within the following sub-sections.

8.6.1 Temporal Trend – Lake Cochran and On-base Drains

- PFOS+PFHxS concentrations presented on **Graph G16** in **Appendix C** for this area shows variable concentrations over time, however the results from the current monitoring period appear to be similar and withing historical ranges, with the exception of SW048, which, while stable during the monitoring period, shows elevated concentrations compared to historical results . Generally, concentrations in SW047, SW108 and SW110 pre-October 2016 were greater than concentrations in samples collected since that period.
- PFOA concentrations are significantly less than PFOS+PFHxS concentrations in this area. The variability in PFOA concentrations over time presented on **Graph G15** in **Appendix C** shows concentrations have remained relatively stable, fluctuating around 0.1 ug/L since 2021.

8.6.2 Temporal Trend – Dawsons Drain

- PFOS+PFHxS concentrations presented on **Graph G18** in **Appendix C** at SW060 (drain under Cabbage Tree Road) shows considerable fluctuations over time, with no discernible trend apparent. Concentrations ranged from 3.16 µg/L to 28.4 µg/L in this monitoring period. It is noted that SW060 is significantly impacted by groundwater daylighting at Leary's Drain.

- PFOS+PFHxS and PFOA concentrations at SW055 (discharge point to Dawsons Drain) and SW059 (Dawsons Drain, down-gradient of the base), presented on **Graph G18** and **Graph G17** in **Appendix C**, are lower than concentrations at SW060 and fluctuate with rainfall, with the exception of November 2023, where concentrations decreased due to the low rainfall. The reported PFAS concentrations were within the historical range of results.

8.6.3 Temporal Trend – Fourteen Foot and Ten Foot Drains, Fullerton Cove Ring Drain

- PFOS+PFHxS concentrations in SW062 (Fourteen Foot Drain) presented in **Graph G20** in **Appendix C** has fluctuated considerably over time, with a significant increase in November 2023. The reason for the increase is not known, and further monitoring is required to assess whether this is an actual increasing trend or a fluctuation in concentrations.
- PFOS+PFHxS concentrations in SW259 (discharge point to Fullerton Cove) presented on **Graph G20** in **Appendix C** appear to be fluctuating, and decreased by an order of magnitude in November 2023 likely due to low rainfall reported in this monitoring event, reducing the interaction between shallow groundwater and surface water and the mobilising and distribution of PFAS.
- PFOS+PFHxS concentrations in SW081 (Ten Foot Drain) presented on **Graph G20** in **Appendix C** appear relatively stable, fluctuating around 0.01 µg/L.
- PFOA concentrations presented on **Graph G19** in **Appendix C** appear relatively stable, with concentrations generally below 0.1 µg/L, including this monitoring period. The only exception is the increase of PFOA concentration in SW062 from below 0.1 µg/L to 0.52 µg/L in November 2023. The reason for the increase is not known, and further monitoring is required to assess whether this is an actual increasing trend or a fluctuation in concentrations.
- PFOA and PFOS+PFHxS concentrations in SW082 (Ten Foot Drain opposite Fullerton Cove) presented on **Graph G19** and **Graph G20** respectively in **Appendix C** vary over time. Note that surface water samples have not been collected at SW082 since 2022 as access for sampling has not been received from the landowner.

8.6.4 Temporal Trend – Moors Drain

- PFOA and PFOS+PFHxS and concentrations in off-base surface water sampling locations within Moors Drain (SW001, SW005, SW006, SW007, SW009 and SW014) are presented in **Graph G21** and **Graph G22**, respectively in **Appendix C**. The concentrations fluctuate over time with no consistent trend observed, however, remain within the historical ranges. It is noted that the PFOA and PFOS+PFHxS concentrations decreased at each of these locations in November 2023, likely due to lower rainfall recorded in this sampling event.

8.6.5 Temporal Trend – Tilligerry Creek

- PFOS+PFHxS concentrations in Tilligerry Creek (SW019, SW023, SW024 and SW079) are presented in **Graph G24** in **Appendix C**. The concentrations have fluctuated over time with no consistent trend observed, with concentrations remaining below 1 µg/L. It is note that PFOS+PFHxS concentrations in SW019, SW023, and SW024 decreased in May 2023 and again in November 2023, likely attributed to lower rainfall recorded in these sampling events.
- PFOA concentrations are presented in **Graph G23** in **Appendix C** and appear stable, with concentrations consistently within historical ranges.

8.7 Sediment Results

The highest concentrations in sediment samples were 1.11 mg/kg (PFOS+PFHxS at SD060 in November 2023) and 0.0045 mg/kg (PFOA at SD060 in November 2023) reported during this monitoring period, compared to historical highs of 0.377 mg/kg (PFOS+PFHxS at SD060) and 0.0036 mg/kg (PFOA at SD060) in December 2016.

Concentrations of PFAS in sediment did not report any first-time detections except for SD600, located at the Fourteen Foot Drain, when it was sampled for the first time in November 2022 (no historical data set was available prior to this event). As a result, the PFOA and PFOS+PFHxS concentrations reported in SD600 were flagged as first-time detection and new exceedances of the adopted guidelines.

Note that SD600 replaced SD062 in November 2022 as access to SD062 was not received.

PFAS concentrations in sediment samples appear to be fluctuating with varying rainfall reported during this monitoring period but remain within the historical ranges.

It should be noted that PFAS concentrations in sediments generally decrease with distance from the base.

As identified in **Table 22**, new maximum results of PFOS+PFHxS were reported at the following locations:

- On-base, at Lake Cochran: SD047, SD048 and SD055 (November 2022), and SD110 (November 2023)
- Primary Management Zone: SD060 (November 2023)
- Secondary Management Zone: SD007 (November 2021), SD023 (May 2023), and SD600 (November 2023)
- Broader Management Zone: SD005 (November 2022), SD014 (November 2021), and SD024 (November 2022)
- Fullerton Cove (tidal gate outlet): SD254 (November 2021)

New maximum results of PFOA were reported at the following locations:

- On-base, at Lake Cochran: SD048 (November 2022) and SD110 (November 2023)
- Secondary Management Zone: SD019 (November 2022)
- Broader Management Zone: SD005 (November 2022), SD014 (November 2021), and SD024 (November 2023)

These new maximum results were mostly reported in the November 2021, November 2022, and November 2023 monitoring events, which may be associated with the rainfall received shortly before or during sample collection.

The increased concentrations reported, may be attributed to the movement of PFAS in surface water within the drains where the sediment sampling was conducted. The variations were reported on the base, closer to source areas as well as at the Fullerton Cover tidal gates and Moors Drain.

Further discussion on the changes in temporal trends from the sediments by catchment area are presented in the below sections.

Note that an additional sediment sample was collected in the vicinity of surface water / sediment location SW024 / SD024 (targeting Tilligerry Creek) given that foam of unknown origin and white/blue material with a sulphurous odour was observed in May 2023. Concentrations of PFOS+PFHxS at 0.0048 mg/kg and PFOA at below LOR were reported in sample SD158. Given that the concentrations were within historical ranges reported at SD024, the material observed does not appear to have impacted the sediment in this area.

8.8 Sediment Temporal Trend Analysis

Temporal graphs are presented in **Appendix C** for PFOS+PFHxS and PFOA concentrations in selected sediment sampling locations indicative of a catchment area or area of interest (as presented in **Table** 20, in **Section 7.3.2**).

Locations with PFAS concentrations consistently below LOR were excluded from the temporal trend graphs. Additionally, the 30-day average daily rainfall total (in mm) has been included on the temporal trend graphs to allow for assessment of the influence of rainfall on PFAS concentrations.

Note that Mann Kendall analysis was not used to assess the trends in PFAS concentrations in sediment, in accordance with the PFAS OMP Annual Interpretive Report Guidance (Defence, 2022).

The temporal trends are discussed for each area of interest within the following sub-sections.

8.8.1 Temporal Trend – Lake Cochran and On-base Drains

- PFOS+PFHxS concentrations in upstream drainage channels leading into Lake Cochran (SD047 and SD048) are presented in **Graph G26** in **Appendix C**. The concentrations in SD047 have fluctuated with no observable trend, however in SD048, the concentrations appear to be increasing since early 2018, though concentrations have generally remained below 1 mg/kg for SD047 and around 0.01 mg/kg for SD048. The increase in concentrations at SD048 may be attributed to heavy rainfall observations during the monitoring event causing movement of PFAS from source areas and distribution into downstream sediments.
- PFOS+PFHxS concentrations increased in all sampling locations in November 2023, however remained below 1 mg/kg.
- PFOA concentrations are presented in **Graph G25** in **Appendix C** and appear stable, with concentrations consistently within historical ranges. The exception is the PFOA concentration (0.0019) in SD110 in November 2023, which was the highest at this location, but remained below 0.01 mg/kg.

8.8.2 Temporal Trend – Dawsons Drain

- PFOS+PFHxS concentrations in Dawsons Drain (SD055, SD059 and SD060) appear to be stable as presented in **Graph G28** in **Appendix C**. The exception is the PFOS+PFHxS concentration (1.11 mg/kg) in SD060 in November 2023, which was the highest at this location. It is however noted that the concentrations have fluctuated over time at SD060 since 2014.
- PFOA concentrations are presented in **Graph G27** in **Appendix C** and appear stable, with some fluctuations observed in SD060, but remained below 0.01 mg/kg.

8.8.3 Temporal Trend – Fourteen Foot and Ten Foot Drains, Fullerton Cove Ring Drain and Tidal Gate Outlet

- PFOS+PFHxS concentrations in the downstream drainage network are presented in **Graph G30** in **Appendix C**. Although the concentrations have fluctuated over time, they remain within historical ranges and below 0.1 mg/kg.
- PFOA concentrations are presented in **Graph G29** in **Appendix C** and appear stable, with concentrations below LOR during this monitoring period.
- It is however noted that SD082 has not been sampled since November 2021 as access for sampling has not been received from the landowner. The sampling completed prior to November 2021 indicated that PFOS+PFHxS concentrations were fluctuating below 0.1 mg/kg and PFOA concentrations were reported at below LOR.

8.8.4 Temporal Trend – Moors Drain

- PFOS+PFHxS concentrations in Moors Drain (SD001, SD005, SD006, SD007, SD009, SD011 and SD014) that are presented in **Graph G32** in **Appendix C** appear to be stable, except for SD006 which shows an increasing trend. It is also noted that the PFOS+PFHxS concentrations in SD001and SD014 increased after May 2022, but remains within the historical ranges that may be attributed to the heavy rainfall conditions observed during sample collection, and the migration of PFAS from source areas and distribution into downstream sediments.
- PFOA concentrations are presented in **Graph G31** in **Appendix C** and appear stable, with concentrations remaining within historical ranges.

8.8.5 Temporal Trend – Tilligerry Creek

- PFOS+PFHxS concentrations in Tilligerry Creek (SD019, SD023, SD024 and SD079) that are presented in **Graph G34** in **Appendix C** have fluctuated over time with no trend observed and remained generally below 0.1 mg/kg.
- PFOA concentrations are presented in **Graph G33** in **Appendix C** and appear stable, with concentrations remaining on or near LOR.

8.9 Soil Results

Soil sampling has been undertaken at targeted locations where flooding occurs during periods of prolonged heavy rain. Up to two samples from each of the six flood areas were collected during the November 2021, May 2022, November 2022, and May 2023 sampling events, to provide additional information regarding temporal variability. The sample locations are shown on **Figure F5** (**Appendix A**), while the soil sampling areas and soil results from the above sampling events are shown on **Figure F20** to **Figure F23** (**Appendix A**).

Note that during the monitoring period no widespread flooding was recorded, however some localised flooding was observed in Flood Areas 2 and 3 in May 2022, when the area received approximately 114 mm of rain during the sampling event.

PFAS was detected in all sample locations with the highest concentration of PFOS+PFHxS (0.0468 mg/kg) reported at SS102 in November 2022, in Flood Area 5 located in the Secondary Management Zone. The PFOS+PFHxS concentrations in all soil samples collected from the flood areas were below the HEPA (2020) Public Open Space guideline value of 1 mg/kg.

Collectively, the shallow soil samples located in Flood Sampling Areas 3, 4, 5 and 6 reported higher PFAS concentrations than samples collected from other off-base areas.

When comparing the soil analytical results obtained during the monitoring period to historical soil data collected from the designated flood areas, the following observations were noted:

- ***Flood Area 1***: The reported concentrations of PFOS+PFHxS exceeded previous historical ranges in SS108 (0.0052 mg/kg) in May 2022, but then also decreased in the November 2022 and May 2023 sampling events. Concentrations of PFOA remain less than LOR, consistent with historical data.
- ***Flood Area 2***: The reported concentrations in this monitoring period were within the historical ranges for both PFOS+PFHxS and PFOA.
- ***Flood Area 3***: The reported concentrations of PFOS exceeded the previous historical ranges in SS107 (0.0299 mg/kg) in May 2022. This result, along with the PFOS concentration reported in SS110 (0.0294 mg/kg) also in May 2022, exceed the PFAS NEMP (2020) ecological indirect exposure criteria for soil. However, the PFOS concentrations in both SS107 and SS110 decreased in the November 2022 and May 2023 sampling events. Concentrations of PFOA remain less than LOR, consistent with historical data.
- ***Flood Area 4***: The reported concentrations in the monitoring period were within the historical ranges for both PFOS+PFHxS and PFOA.
- ***Flood Area 5***: The reported concentrations in the monitoring period were within the historical ranges for both PFOS+PFHxS and PFOA. Concentrations of PFOS exceeded the PFAS NEMP (2020) ecological indirect exposure criteria for soil in SS102 in May 2022 (0.0149 mg/kg) and November 2022 (0.0408 mg/kg). However, the PFOS concentration at SS102 decreased in the subsequent event in May 2023.
- ***Flood Area 6***: The reported PFOS+PFHxS concentrations in SS104 were within historical ranges. The concentration in SS103 was reported to be above the historical ranges in November 2022 and May 2023, with PFOS exceeding the PFAS NEMP (2020) ecological indirect exposure criteria for soil. These concentrations were however within the same order of magnitude to results reported in June 2020. Concentrations of PFOA remain less than LOR, consistent with historical data.

The reported soil results above historical ranges from the flood areas are considered to have been influenced by the high rainfall observed during the monitoring period, however no clear correlation has been established between flood events and PFAS concentrations in soil.

It is anticipated that the increased surface water flows via the existing drainage network may have distributed PFAS to shallow soils. The PFAS concentrations remain within the same order of magnitude to historical ranges.

Temporal variability in the PFAS concentrations from the results reported in samples in the flood areas is discussed in **Section 8.10** below.

8.10 Soil Temporal Trend Analysis

Temporal graphs are presented in **Appendix C** for PFOS+PFHxS concentrations only in selected soil sampling locations indicative of flood sampling areas (as presented in **Table 23**, in **Section 7.4.2**).

Locations with PFAS concentrations consistently below LOR were excluded from the temporal trend graphs. Additionally, the 30-day average daily rainfall total (in mm) has been included on the temporal trend graphs to allow for assessment of the influence of rainfall on PFAS concentrations.

Note that Mann Kendall analysis was not used to assess the trends in PFAS concentrations in soil, in accordance with the PFAS OMP Annual Interpretive Report Guidance (Defence, 2022).

The temporal trends are discussed for each area of interest within the following sub-sections.

8.10.1 Temporal Trend – Flood Sampling Area 1

- PFOS+PFHxS concentrations in Flood Area 1 (SS108 and SS109) are presented in **Graph G35** in **Appendix C**. The concentrations in SS108 and SS109 have fluctuated over time with no clear trend observed and remain within the same order of magnitude to historical ranges.

8.10.2 Temporal Trend – Flood Sampling Area 2

- PFOS+PFHxS concentrations in Flood Area 2 (SS111 and SS112) are presented in **Graph G36** in **Appendix C**. The concentrations appear to be consistent and have remained within historical ranges during the monitoring period.

8.10.3 Temporal Trend – Flood Sampling Area 3

- PFOS+PFHxS concentrations in Flood Area 3 (SS107 and SS110) are presented in **Graph G37** in **Appendix C**. The concentrations in SS107 and SS10 have fluctuated around 0.01 mg/kg, with no clear trend observed.

8.10.4 Temporal Trend – Flood Sampling Area 4

- PFOS+PFHxS concentrations in Flood Area 4 (SS105 and SS106) are presented in **Graph G38** in **Appendix C**. The concentrations have fluctuated at both locations, however reported within historical ranges during this monitoring period.

8.10.5 Temporal Trend – Flood Sampling Area 5

- PFOS+PFHxS concentrations in Flood Area 5 (SS101 and SS102) are presented in **Graph G39** in **Appendix C**. Concentrations in SS101 show a decreasing trend since November 2019, and this trend has continued during this monitoring period. PFOS+PFHxS concentrations in SS102 have fluctuated over time with no clear trend observed and remain within the same order of magnitude to historical ranges.

8.10.6 Temporal Trend – Flood Sampling Area 6

- PFOS+PFHxS concentrations in Flood Area 6 (SS103 and SS104) are presented in **Graph G40** in **Appendix C**. PFOS+PFHxS concentrations in SS103 and SS104 have fluctuated over time with no clear trend observed and remain within the same order of magnitude to historical ranges.

8.11 Aquatic Biota Results

Aquatic biota sampling was undertaken in February 2022 to target sentinel species in Fullerton Cove that have been identified to accumulate elevated concentrations of PFAS relative to other species.

As summarised in **Section 7.5**, concentrations of PFOS were detected in the biota composite samples, ranging from 0.0014 mg/kg (in Luderick) to 0.014 mg/kg (in Dusky Flathead). The composite samples for Dusky Flathead exceeded the FSANZ 2017 2-6 years Finfish trigger value for PFOS. There were no exceedances of the FSANZ 2017 2-6 Crustaceans for school prawn samples.

PFOS analytical concentrations reported in Luderick, Dusky Flathead and School Prawn collected in the February 2022 biota sampling event, were compared to the historical PFOS concentrations reported in the same species between February 2016 and January 2020 in **Table 37**, **Table 38** and **Table 39**.

Note that the aquatic biota data between 2016 and 2017 are in the 2016 HHRA (AECOM, 2016) and 2017 HHRA (AECOM, 2017b). The 2016 HHRA included aquatic biota samples that were collected and analysed by the NSW Department of Primary Industries (NSW DPI) between September 2015 and March 2016.

The data has been separated to show comparisons to Fullerton Cove only data, and data collected from Fullerton Cove, Raymond Terrace, Tomago, Stockton and Hunter River Port (all locations).

Table 37 PFOS Concentrations (mg/kg) in Dusky flathead

Statistic	Fullerton Cove (Feb 2022) (*n* = 4)	Fullerton Cove (Feb 2021) (*n* = 4)	Fullerton Cove (Jan 2020) (*n* = 4)	Fullerton Cove (Jan 2019) (*n* = 4)	Fullerton Cove Only (Dec 2016 – Mar 2017*) (*n* = 12)	All Locations** (Dec 2016 – Mar 2017*) (*n* = 37)	Fullerton Cove only*** (Feb 2016) (*n* = 4)
Maximum (mg/kg)	0.014	0.011	0.0047	0.01	0.0095	0.0095	0.028
Mean (mg/kg)	0.013	0.010	0.0038	0.0081	0.0061	0.0056	0.023
Median (mg/kg)	0.013	0.011	0.0036	0.0087	0.0057	0.0054	0.022

* Data from AECOM (2017b)

** All locations comprise Fullerton Cove, Raymond Terrace, Tomago, Stockton and Hunter River Port.

*** NSW DPI data sourced from AECOM (2016) report. Data was sourced from Append I and location 1 within the Hunter River site was selected to represent Fullerton Cove for comparative purposes.

Table 38 PFOS Concentrations (mg/kg) in Luderick

Statistic	Fullerton Cove (Feb 2022) (*n* = 4)	Fullerton Cove (Feb 2021) (*n* = 4)	Fullerton Cove (Jan 2020) (*n* = 4)	Fullerton Cove (Jan 2019) (*n* = 4)	Fullerton Cove Only (Dec 2016 – Mar 2017*) (*n* = 3)	All Locations** (Dec 2016 – Mar 2017*) (*n* = 10)	Fullerton Cove only*** (Feb 2016) (*n* = 4)
Maximum (mg/kg)	0.0046	0.0024	0.0015	0.0057	0.0049	0.0049	0.015
Mean (mg/kg)	0.0025	0.0021	0.0014	0.0034	0.0048	0.0033	0.011
Median (mg/kg)	0.002	0.0020	0.0015	0.0030	0.0048	0.0028	0.011

* Data from AECOM (2017b)

**All locations comprise Fullerton Cove, Raymond Terrace, Tomago, Stockton and Hunter River Port.

*** NSW DPI data sourced from AECOM (2016) report. Data was sourced from Append I and location 1 within the Hunter River site was selected to represent Fullerton Cove for comparative purposes.

Table 39 PFOS Concentrations (mg/kg) in School prawn

Statistic	Fullerton Cove (Feb 2022) (*n* = 4)	Fullerton Cove (Feb 2021) (*n* = 4)	Fullerton Cove (Jan 2020) (*n* = 4)	Fullerton Cove (Jan 2019) (*n* = 4)	Fullerton Cove Only (Dec 2016 – Mar 2017*) (*n* = 20)	All Locations** (Dec 2016 – Mar 2017*) (*n* = 52)
Maximum (mg/kg)	0.0072	0.023	0.0074	0.021	0.020	0.020
Mean (mg/kg)	0.0062	0.021	0.0065	0.017	0.012	0.0074
Median (mg/kg)	0.0061	0.021	0.0067	0.017	0.013	0.0054

* Data from AECOM (2017b)

**All locations comprise Fullerton Cove, Raymond Terrace, Tomago, Stockton and Hunter River Port.

A review of the February 2022 and historical PFOS concentrations in aquatic biota caught in Fullerton Cove and surrounding areas, indicated:

- The mean PFOS concentrations in dusky flathead in February 2022 (0.013 mg/kg) was above the FSANZ (2017) finfish trigger value of 0.0052 mg/kg (for children aged between two and six years). The mean PFOS concentration reported in February 2022 is in the same order of magnitude to the February 2021 events, however, is an order of magnitude higher than the four monitoring events completed before February 2021. The concentrations of PFOS reported in the February 2022 sampling event is below the 2016 DPI mean PFOS concentration (0.023 mg/kg) (AECOM, 2017b), which was used to inform the 2017 HHRA.
- The mean PFOS concentration in luderick in February 2022 (0.0025 mg/kg) was below the FSANZ (2017) finfish trigger value of 0.0052 mg/kg (for children aged between two and six years) and consistent within the historically reported concentrations. It is noted that the February 2022 mean PFOS concentration is an order of magnitude lower than the 2016 DPI mean PFOS concentration (0.011 mg/kg) (AECOM, 2017b), which was used to inform the 2017 HHRA.
- The mean PFOS concentrations in school prawn in February 2022 (0.0062 mg/kg) was below the FSANZ (2017) crustacean (all species) trigger value of 0.065 mg/kg (for children aged between two and six years). The mean PFOS concentrations have fluctuated historically, and the February 2022 concentration was lower than the February 2021 mean (0.021 mg/kg), which was the highest reported mean concentrations of the historical data set. The maximum concentration is similar to that used in the 2017 HHRA (which was 0.02 mg/kg).
- Concentrations of PFOS in sampled dusky flathead and luderick have decreased when compared to 2016 data.
- Concentrations of PFOS in sampled school prawn have fluctuated between 2016 and 2022, with the highest concentrations reported in 2021, however still below the FSANZ (2017) crustacean (all species) trigger value (for children aged between two and six years).

Therefore, the overall conclusions of the 2017 HHRA (AECOM, 2017b) for the off-base area does not require reconsideration.

AECOM concludes that the following conclusions made in the 2017 HHRA (AECOM, 2017b) still apply:

- *"Consumption of low to moderate quantities of locally sourced seafood (including finfish, crabs and prawns) gave rise to low and acceptable risk for residents of the Williamtown Area. There further analysis of biota at that time was not required to inform the HHRA.*
- *Consumption of high quantities of locally sourced finfish was identified as an exposure pathway with potentially elevated or unacceptable risks".*

8.12 OMP Trigger Value Assessment

The OMP (AECOM, 2019c) presents a series of trigger levels which were developed to alert Defence and the Regulators of any adverse trends in environmental monitoring data. The trigger levels, prescribed responses and commentary on the data set from the initial monitoring period are summarised in **Table 40**.

Table 40 Trigger Levels and Responses

Trigger	Response
First-time detection of PFAS in groundwater/surface water	
First-time detections of PFOA, PFOS and/or PFOS+PFHxS for groundwater and surface water during the monitoring period are summarised in **Table 15** and **Table 19**. Below are the wells that reported first-time detections of PFOA: On-base • MW108D (0.02 µg/L, May 2023) Primary Management Zone • MW178 (0.01 µg/L, Nov 2023) Secondary Management Zone • MW147S (0.01 µg/L, May 2022) • MW257D (0.02 µg/L, Nov 2022) • MW318D (0.02 µg/L, Nov 2021) • POT089 (0.01 µg/L, May 2022) Below are the wells that reported first-time detections of PFOS+PFHxS: On-base • MW245D (0.01 µg/L, May 2022) • MW317D (0.02 µg/L, May 2023) Primary Management Zone • MW271D (0.01 µg/L, Nov 2023) Secondary Management Zone • MW130D (0.01 µg/L, Nov 2021) • MW130S (0.01 µg/L, Nov 2021) • MW146AD (0.28 µg/L, May 2022) • MW146S (0.01 µg/L, Nov 2021) • MW162D (0.01 µg/L, May 2023) • MW230S (0.01 µg/L, May 2022)	AECOM notes the following: • Results returned to below LOR in subsequent sampling event at MW108D, MW128D, MW130D, MW146S, MW147S, MW162D, MW232D, MW257D, MW270S, MW318S and MW842. • PFAS concentrations were lower in subsequent sampling events at MW318D. • Low concentrations were detected therefore data from these locations will be assessed in subsequent sampling events; MW130S, MW178, MW271D, MW230S, MW245D, MW264S, MW317D, POT089. • The elevated result at MW146AD was likely to have been impacted by the sediment observed in the well during the sampling event in May 2022. PFAS concentrations were lower in the subsequent sampling events. Data from this location will be assessed in following sampling events.

Trigger	Response
• MW318S (0.01 µg/L, Nov 2021) Broader Management Zone • MW128D (0.01 µg/L, May 2022) • MW232D (0.18 µg/L, Nov 2022) • MW270S (0.03 µg/L, May 2022) • MW842 (0.02 µg/L, May 2022) Other: Background • MW264S (0.02 µg/L, May 2022) There were no first-time detections reported in surface water during the monitoring period, with the exception of SW600 which was sampled for the first time during the monitoring period (in November 2022). Due to the lack of historical data, all detections from the first sample were flagged as first-time detections (PFOA: 0.06 µg/L; PFOS+PFHxS: 2.11 µg/L).	
New exceedance of the drinking water guideline in groundwater	
New exceedances for PFOA and/or PFOS+PFHxS of drinking water guidelines in groundwater during the monitoring period are summarised in **Table 15**. Below are the wells that reported new exceedances of drinking water guidelines for PFOA: Primary Management Zone • MW126S (0.68 µg/L, May 2023) Below are the wells that reported new exceedances of drinking water guidelines for PFOS+PFHxS: Secondary Management Zone • MW146AD (0.28 µg/L, May 2022) • MW247D (0.08 µg/L, May 2022) Broader Management Zone • MW232D (0.18 µg/L, Nov 2022)	AECOM notes the following: • MW126S: The elevated results at the southern extent of the Central Plume, are supported by the groundwater modelling and are not unexpected. Results were lower in the subsequent sampling events but still exceeded the drinking water guidelines. It should also be noted that the PFOS+PFHxS concentrations at this location have historically exceeded the drinking water guidelines. • MW146AD: The elevated result is likely to have been impacted by the sediment observed in the well during the sampling event in May 2022. PFAS concentrations were lower in the subsequent sampling events. • MW247D: The PFOS+PFHxS concentrations were near the drinking water guidelines in May 2021 and November 2021, and exceeded the guideline in May 2022, and remained above the guideline in subsequent events. The

Trigger	Response
	concentrations have remained within same order of magnitude since May 2021. • MW232D: Results returned to below LOR in subsequent events. The PFAS concentrations in these monitoring wells will continue to be monitored to confirm results.
New exceedance in groundwater of the groundwater exposure point concentration (EPC) used in the Off-Site HHRA (AECOM, 2017b) for the relevant Risk Zone: • **Risk Zone A – PFOS+PFHxS: 190.3 µg/L** • **Risk Zone B – PFOS+PFHxS: 5.67 µg/L** • **Risk Zone C/D – PFOS+PFHxS: 0.05 µg/L**	
The Risk Zone is displayed in groundwater analytical tables (in both **Table T5** in **Appendix B** and in **Table E1** in **Appendix E**). During the monitoring period, there were no new exceedances of the groundwater EPC for PFOS+PFHxS (AECOM, 2017b) in samples collected from Risk Zone A and Risk Zone B. Below are the wells that reported new exceedances of the groundwater EPC (AECOM, 2017b) for PFOS+PFHxS applicable to Risk Zone C and D: • MW146AD (0.28 µg/L, May 2022) • MW232D (0.18 µg/L, Nov 2022) • MW270S (0.07 µg/L, May 2023)	AECOM notes the following: • MW146AD: The elevated result was likely to have been impacted by the sediment observed in the well during the sampling event in May 2022. PFAS concentrations were lower in the subsequent sampling events. • MW232D: Results returned to below the laboratory LOR in subsequent events. • MW270S: Results returned to below the groundwater EPC in the subsequent sampling event. The PFAS concentrations in these monitoring wells will continue to be monitored to confirm results.
New exceedance in surface water of the surface water EPC for 95th percentile used in the Off-Site HHRA (AECOM, 2017b): • **Marine Water – PFOS: 1.78 µg/L – PFHxS: 1.48 µg/L** • **Region 1 – PFOS: 5.035 µg/L – PFHxS: 1.666 µg/L** • **Region 2 – PFOS: 1.47 µg/L – PFHxS: 1.009 µg/L** • **Region 3 – PFOS: 7.743 µg/L – PFHxS: 6.773 µg/L**	
The Regions referred to in the Off-Site HHRA are displayed in surface water analytical tables (in both **Table T6** in **Appendix B** and in **Table E2** in **Appendix E**).	AECOM notes the following: • SW009 is located in Moors Drain at the junction of the northern and southern branch lines. Further targeted assessment of the Moors Drain catchment are

Trigger	Response
Below are the locations that reported new exceedances of the surface water EPC (AECOM, 2017b) for PFOS and PFHxS: Region1 – PFOS • SW009 (7.95 µg/L, May 2022) Region 3 – PFOS • SW062 (10 µg/L, Nov 2023) Region 3 – PFHxS • SW062 (8.46 µg/L, Nov 2023) During the monitoring period, there were no new exceedances of the surface water EPC for PFOS and PFHxS (AECOM, 2017b) in samples collected from Marine Water and Region 2.	being undertaken to assess the source of PFAS in the surface water catchment. • SW062 is located at the Fourteen Foot Drain to south of the base. Further monitoring is required at SW062 to assess whether this is an actual increasing trend or a fluctuation in concentrations.
New exceedance of the recreational water guideline in surface water	
New exceedances for PFOA and/or PFOS+PFHxS of recreational water guidelines in surface water during the monitoring period are summarised in **Table 19**. There were no new exceedances reported in surface water during the monitoring period, with the exception of SW600 which was sampled for the first time during the monitoring period (in November 2022). Due to the lack of historical data, the exceedance of recreational water guidelines in the first sample was flagged as new exceedances of the criteria (PFOS+PFHxS: 2.11 µg/L).	AECOM notes the following: • PFAS concentrations were lower in subsequent sampling event at, SW600, which was below the recreational water guideline. Further monitoring is required at SW600 to further assess the concentration trend.
Sediment PFAS concentrations increase in two consecutive sampling events.	
PFAS concentration increases in two consecutive sampling events were recorded during the monitoring period. These have been discussed within the Sediment Temporal Trend Analysis **Section 8.8** below.	

Notes: Risk Zones and Regions as defined in the Stage 2B (AECOM, 2017a) and the HHRA (AECOM, 2017b), detailed below.
- **Region 1**: the area east of the base, generally following Moors Drain and discharging at the tidal portion of Tilligerry Creek.
- **Region 2**: the area along Tilligerry Creek south east of the base which discharges in the tidal portion of Tilligerry Creek
- **Region 3**: the surface water drainage network south of the base, which predominantly discharges at Fullerton Cove.
- **Risk Zone A** is defined by the footprint of the Southern Area, which includes a portion of Region 3.
- **Risk Zone B** is defined by the footprint of the Eastern Area, which includes a portion of both Region 1 and Region 3.

- **Risk Zone C** is defined by that portion of the footprint of the remaining area, which corresponds with Region 1 and Region 3.
- **Risk Zone D** is defined by that portion of the footprint of the remaining area, which corresponds with Region 2.

9.0 Conceptual Site Model

The updated PMAP (Defence, 2023) provides a revised CSM summarising the linkages between sources, exposure pathways and receptors.

The OMP monitoring between July 2021 and December 2023 has provided additional data to further understand the changing conditions (concentration and shape) of the PFAS plume emanating from the base (refer to **Figure F54**). Although, some localised changes were noted to the plume extents on-base as a result of remediation activities, and an increase in the southern extent / head of the Central Plume, near Cabbage Tree Road, the PFAS transport mechanisms and the general extent of the plume (size and shape) are inferred to remain similar to that reported in 2021 AIR, however better resolution of the plume emanating from the FFTA has been achieved by recent source area studies.

Surface water drainage remains a significant pathway for PFAS migration at the base. Additionally, the on-base piped stormwater drainage network interacts with the shallow groundwater and forms a key migration pathway for PFAS impacted groundwater into surface water discharges from the base. The key drainage channels that receive surface water from the base include Dawsons Drain, Moors Drain, and (indirectly) Fourteen Foot Drain and Ten Foot Drain to the south west of the base, which discharges to the Fullerton Cove Ring Drain and then Fullerton Cove via tidal gates.

The additional investigations associated with DEMS Landfill confirmed the CSM and modelled predictions (AECOM, 2017a) that groundwater originating from the FFTA recharges the Dawsons Drain, as confirmed by the increase in concentrations along the drain to the south.

The additional investigations associated the NE Landfill indicated that the landfill is no longer a significant contributor to the PFAS plume.

Despite the sandy, porous nature of the soils in the Management Area, heavy rainfall can exceed the soil infiltration rate, resulting in ponding and/or runoff on the surface and flooding, and influence the migration of PFAS into downstream sediments and surface soils. Given the shallow depth to groundwater, it is also likely that these occurrences, which are transient, represent water table outcrop. The concentrations of PFAS in soil have fluctuated over time and remain within the same order of magnitude to historical ranges, and no clear correlation has been established between flood events and PFAS concentrations in soil.

The PFAS remedial and management activities, as summarised in **Section 6.0**, in the form of excavating PFAS impacted soil in PFAS source areas and the ongoing activity of water treatment plants at Moors Drain, FFTA and the Southern Area, have reduced the localised PFAS concentrations in groundwater. New remediation measures are currently underway and are also proposed to be implemented on the base and surroundings to target PFAS mass in the Western, Central and Eastern Regions of the base following the conclusion of the Groundwater Strategy Review (Geosyntec, 2022) and updated PMAP (Defence, 2023).

Overall, the data presented in this report indicates that the PFAS primary and secondary sources, pathways and receptors does not significantly change the understanding of the CSM, or the findings reported in the Groundwater Strategy Review (Geosyntec, 2022). Future monitoring will continue to contribute to an evaluation of any potential changes to the CSM understanding.

10.0 Discussion

10.1 Risk Profile Review

The data collected during OMP monitoring between July 2021 and December 2023 indicates that the risk profile to human health and ecological receptors within the Management Area as presented in the PMAP (Defence, 2023a) remains unchanged.

An assessment of whether the identified changes in PFAS concentrations trigger an action and/or review was completed. Where notable changes were identified, in majority of the locations these either returned to historical ranges or were associated with rainfall, and therefore further monitoring is required to assess whether there is an actual increasing trend, or it is merely a fluctuation in concentrations.

The risk management actions during this monitoring period, in particular, the three water treatment plants on-base have removed over 13.5 kg of PFAS from the environment (groundwater and surface water), which have minimised the migration of PFAS. Defence is also planning to install new pumping systems in the following areas to further reduce the PFAS mass and migration:

- Western Region to reduce PFAS discharges from the base and prevent it discharging to Dawsons Drain.
- Central Region to the south of the base. This system will collect PFAS impacted groundwater at Cabbage Tree Road and prevent it discharging via Leary's Drain to Fullerton Cove.

The potential PFAS exposure of land users off-base, within the Williamtown Management Area, regarding water use and locally sourced food consumption is currently managed through NSW Government Precautionary Advice and remain in place.

10.2 Assessment of current OMP

Following a review of the data collected during the monitoring period, there have been no significant changes to the understanding of risks associated with PFAS in the Williamtown Management Area, spatial distribution of PFAS and the need for monitoring of additional media.

The current OMP was updated in December 2023 and will be implemented for future monitoring on-base and Management Area.

11.0 Conclusions

Groundwater, surface water, sediment, soil and aquatic biota sampling was completed as part of the OMP between July 2021 and December 2023. The following conclusions are based on the data collected during the monitoring period.

Overall, the concentrations of PFAS in groundwater were generally similar to previous results, with the highest PFAS concentrations being detected at monitoring wells located within the known PFAS plume and at locations down-gradient of known primary and secondary PFAS source areas.

Western Region

- The western PFAS plume originates at the Former Fire Training Area (now remediated) and flows south towards the site boundary.
- PFAS concentrations decreased in the northern, western and eastern extents of the western plume. The decrease in concentrations is likely to be attributed to the ongoing treatment of groundwater at the Former Fire Training Area and also to lower groundwater elevation as a result of low rainfall reported during the monitoring event.
- PFAS concentrations in surface water and sediment along Dawsons Drain associated with the Western Region fluctuated with rainfall, within historical ranges.
- Remediation works for the western plume are described in the 2023 RAAF Base Williamtown PFAS Management Area Plan (Defence, 2023a). The new pumping system will reduce PFAS discharges from the base and prevent it discharging to Dawsons Drain. This will be operational in late 2024.

Central Region

- Decrease in PFAS concentrations in groundwater at the former Fire Training Pad and Foam Testing Facility was observed in this monitoring period, following the completion of soil remediation works in 2021.
- PFAS concentrations and the shape of the groundwater plume immediately south of Lake Cochran/foot of the PFAS plume appears to be stable, as a result of treatment of groundwater immediately south of Lake Cochran. It is noted that Defence is planning to trial an in-ground passive groundwater barrier along the southern boundary as recommended under the updated 2023 PFAS Management Area Plan (Defence, 2023a).
- Further south from Lake Cochran, within the Primary Management Zone, the PFAS concentrations show an increasing trend (in MW126S and MW178) in the southern extent/head of the groundwater plume, near Cabbage Tree Road, discharging into the surface water at Leary's Drain.
- PFAS concentrations in surface water and sediment in drains associated with the Central Region fluctuated over time and with rainfall, and generally remained within historical ranges. However, while the concentrations were stable during the monitoring period within the on-base drain discharging to Lake Cochran, these were elevated compared to historical results. Additionally, a new maximum PFAS concentration was reported at Dawsons Drain, where the surface water is significantly impacted by groundwater daylighting at Leary's Drain and flowing to Dawsons Drain.
- Design and planning processes by Defence for the off-base groundwater extraction system (and associated pipeline) are underway. This will collect PFAS impacted groundwater at Cabbage Tree Road and prevent it discharging via Leary's Drain to Fullerton Cove.

Eastern Region

- PFAS concentrations and shape of the groundwater plume in the Eastern Region and the Secondary Management Zone to the east of the base are stable and have not changed significantly.
- PFAS concentrations in surface water and sediment in drains associated with the Eastern Region fluctuated over time with no consistent trend. The PFAS concentrations decreased at each of these locations in November 2023, likely due to lower rainfall recorded in this sampling event.

- Defence is undertaking further investigations into the source of PFAS impacts in the eastern catchment (Moors Drain Catchment) as recommended in the updated PFAS Management Area Plan (Defence, 2023a). The intent of this work is to further reduce the amount of PFAS discharging from the eastern portion of the base.

Conceptual Site Model and Risk Summary

- While there have been localised changes in PFAS concentrations, the CSM and risk profile have not changed.
- The potential risks associated with PFAS exposure, as described in the 2023 PFAS Management Area Plan (Defence, 2023), have not changed.
- The potential PFAS exposure of land users off-base, within the Williamtown Management Area, regarding water use and locally sourced food consumption is currently managed through NSW Government Precautionary Advice and remains in place.
- Based on the data, AECOM considers that the following conclusions made in the 2017 HHRA (AECOM, 2017b) still apply:
    - *"Consumption of low to moderate quantities of locally sourced seafood (including finfish, crabs and prawns), gave rise to low and acceptable risk for residents of the Williamtown Area. Therefore, further analysis of biota at that time was not required to inform the HHRA.*
    - *Consumption of high quantities of locally sourced finfish was identified as an exposure pathway with potentially elevated or unacceptable risks".*

Risk Management Outcomes

- The three water treatment plants on-base removed over 13.5 kg of PFAS from the environment (groundwater and surface water) during this monitoring period.
- The decrease in concentrations of the Western Plume (in particular the northern, western and eastern extents) is likely to be attributable to the soil and ongoing groundwater remediation at the Former Fire Training Area.

Review

- An assessment of whether the identified changes trigger an action and/or review was completed. Where notable changes were identified, in majority of the locations these either returned to historical ranges or were associated with rainfall. Therefore, further monitoring is required to assess whether there is an actual increasing trend or merely a fluctuation in concentrations.
- The current OMP was reviewed and updated in December 2023, and will be implemented for future monitoring of potential changes in the location and concentrations of PFAS on-base and in surrounding off-base areas and any associated changes to the risk profile.

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Appendix A

Figures

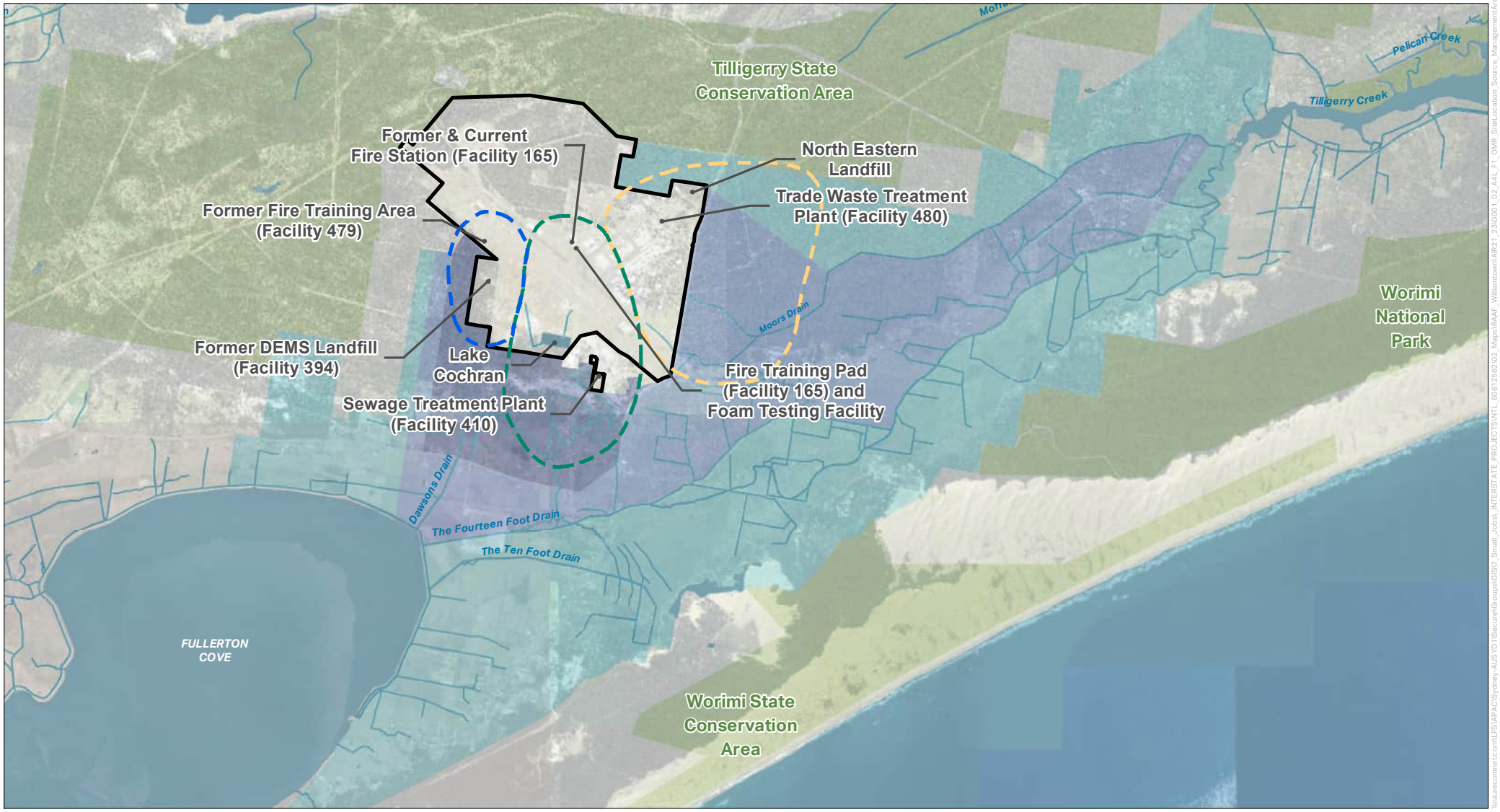
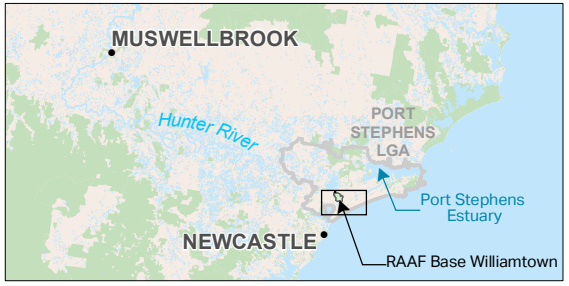


FIGURE F1: SITE LOCATION AND MANAGEMENT AREA

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse
- **Source Areas**
- Central Region
- Eastern Region
- Western Region



N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023

CLIENT
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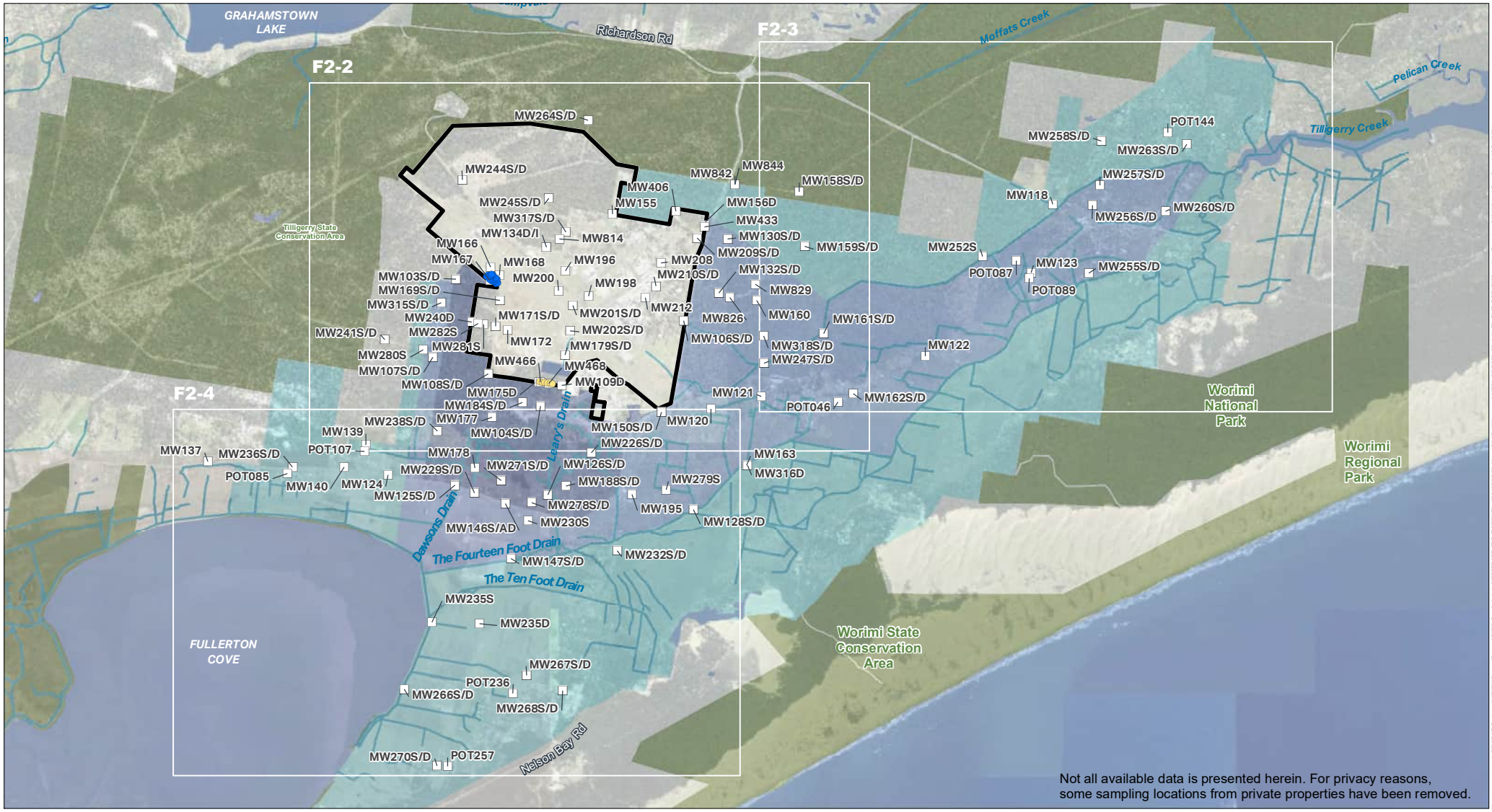

FIGURE F2-1: GROUNDWATER SAMPLING LOCATIONS BASE AND SURROUNDS

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse
- Groundwater sampling location
- Extraction Wells for Former Fire Training Area Water Treatment Plant
- Extraction Wells for Southern Area Water Treatment

N

0 0.5 1 km

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

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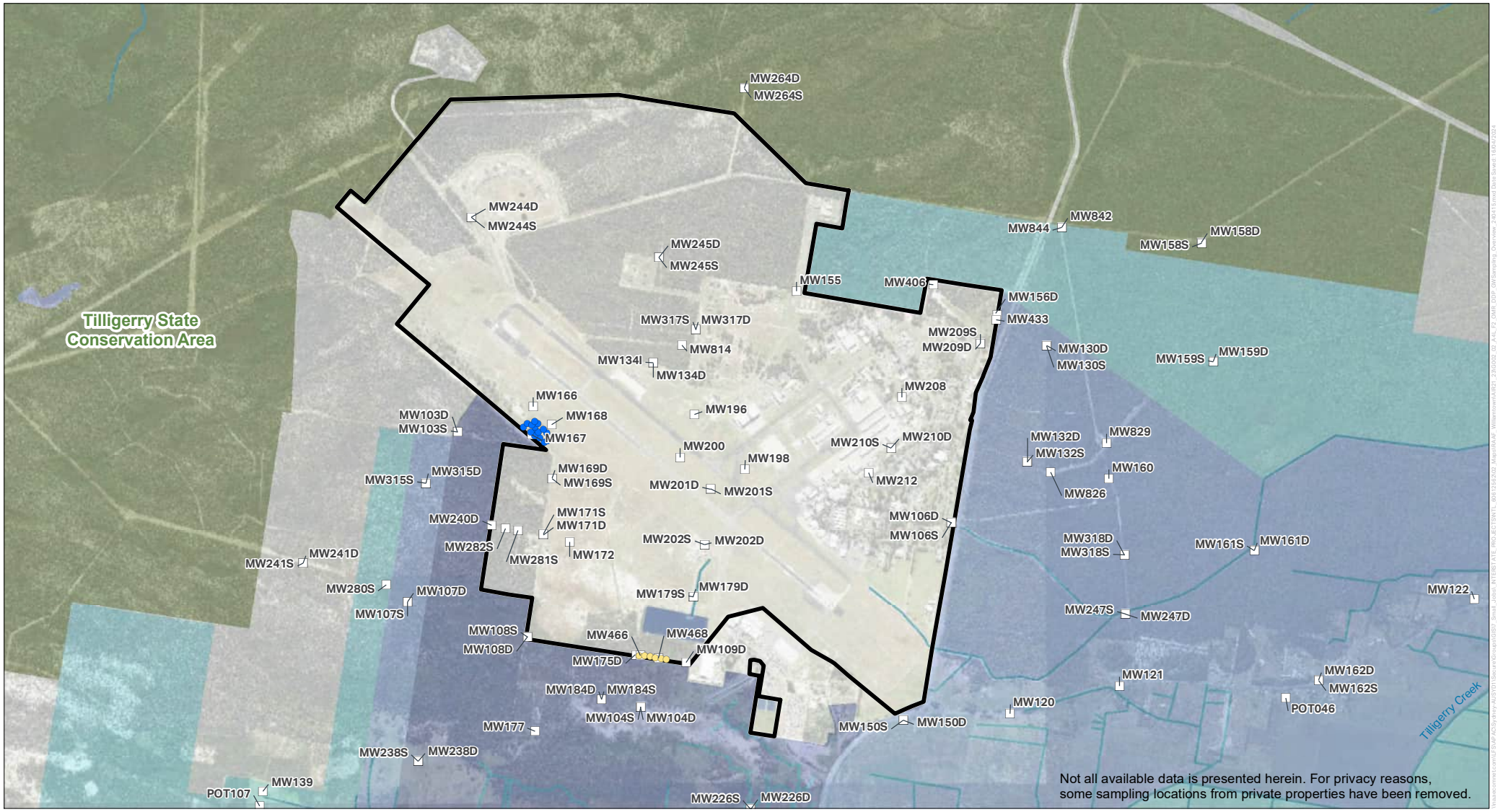

FIGURE F2-2: GROUNDWATER SAMPLING LOCATIONS BASE AND SURROUNDS

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse
- Groundwater sampling location
- Extraction Wells for Former Fire Training Area Water Treatment Plant
- Extraction Wells for Southern Area Water Treatment

N

0 0.5 1 km

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PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

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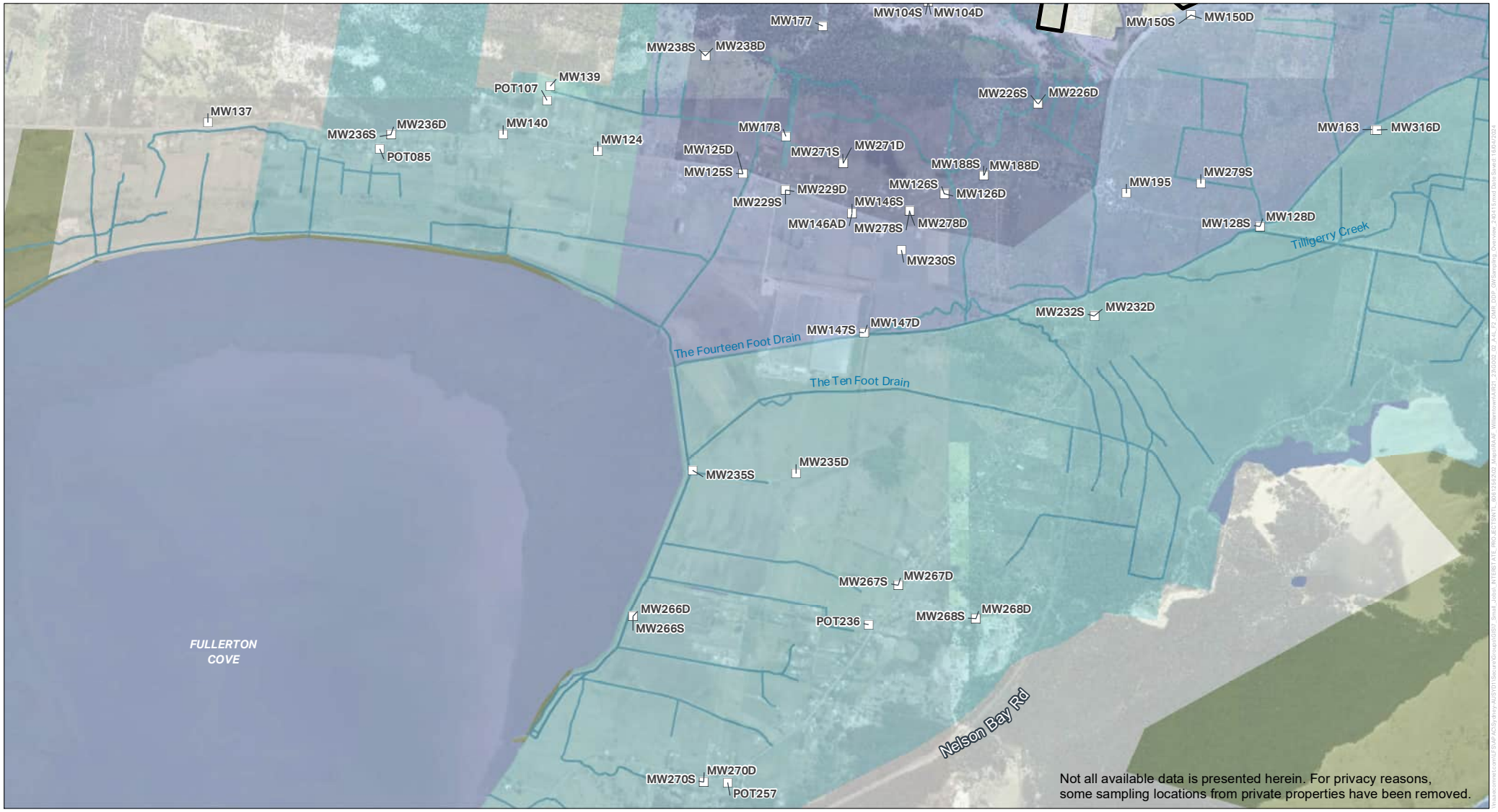

FIGURE F2-3: GROUNDWATER SAMPLING LOCATIONS BASE AND SURROUNDS

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse
- Groundwater sampling location
- Extraction Wells for Former Fire Training Area Water Treatment Plant
- Extraction Wells for Southern Area Water Treatment

N

0 0.5 1 km

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

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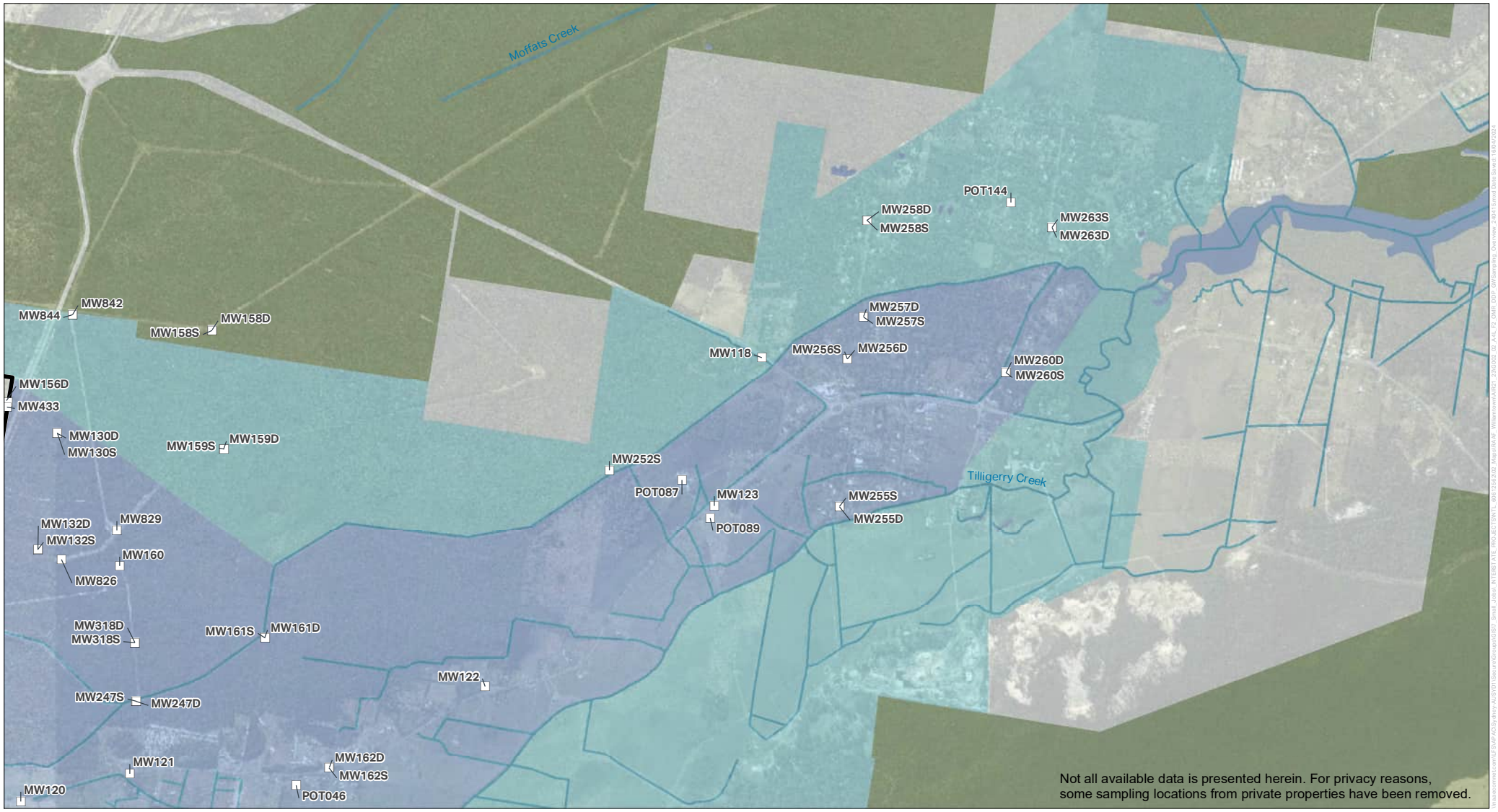

FIGURE F2-4: GROUNDWATER SAMPLING LOCATIONS BASE AND SURROUNDS

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse
- Groundwater sampling location
- Extraction Wells for Former Fire Training Area Water Treatment Plant
- Extraction Wells for Southern Area Water Treatment

N

0 0.5 1 km

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RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

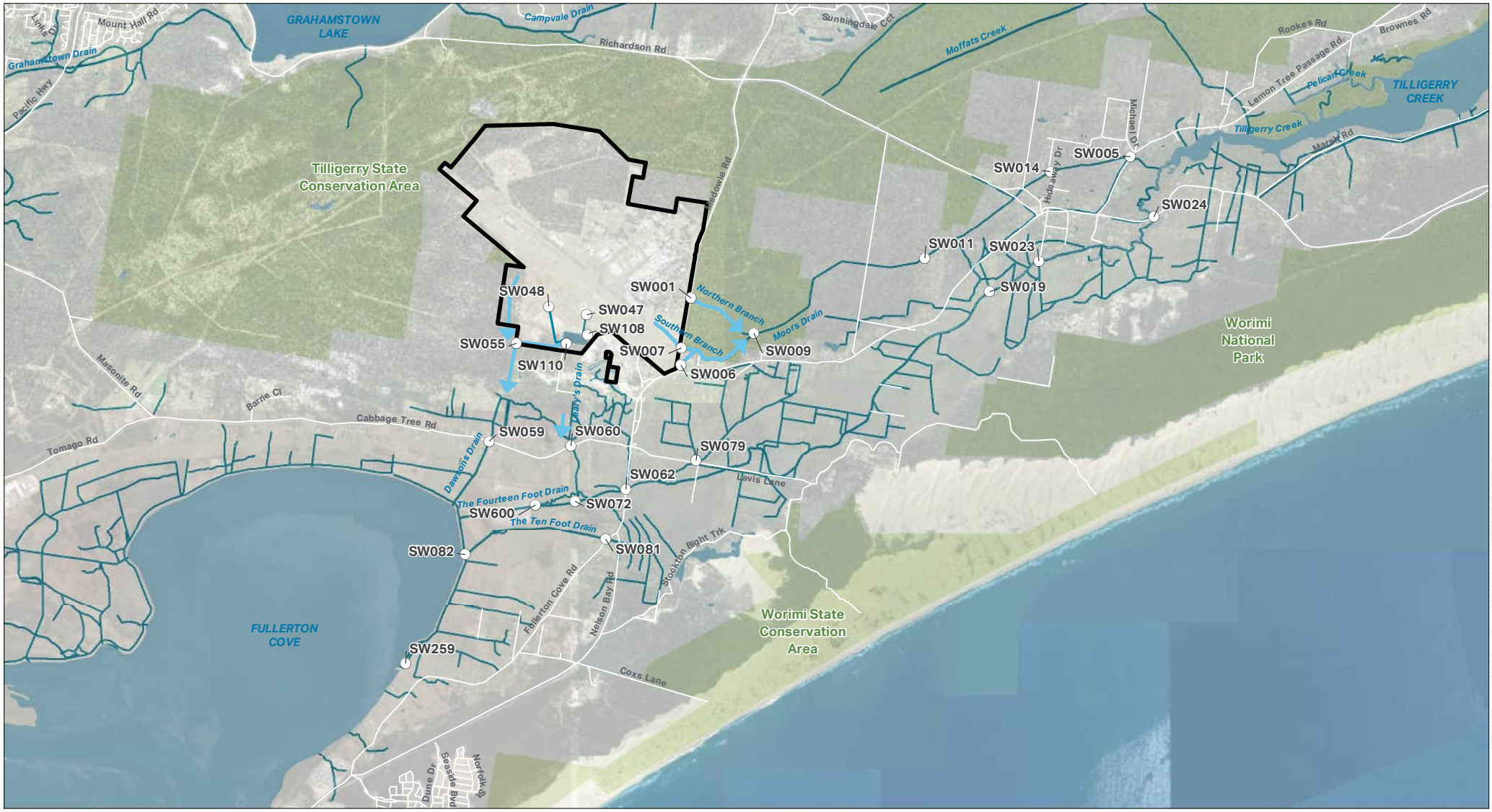

FIGURE F3: SURFACE WATER SAMPLING LOCATIONS

Legend

- RAAF Base Williamtown
- National Parks and Reserves
- Watercourse
- Surface Water Drainage Pathways
- Surface Water Sampling Location

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
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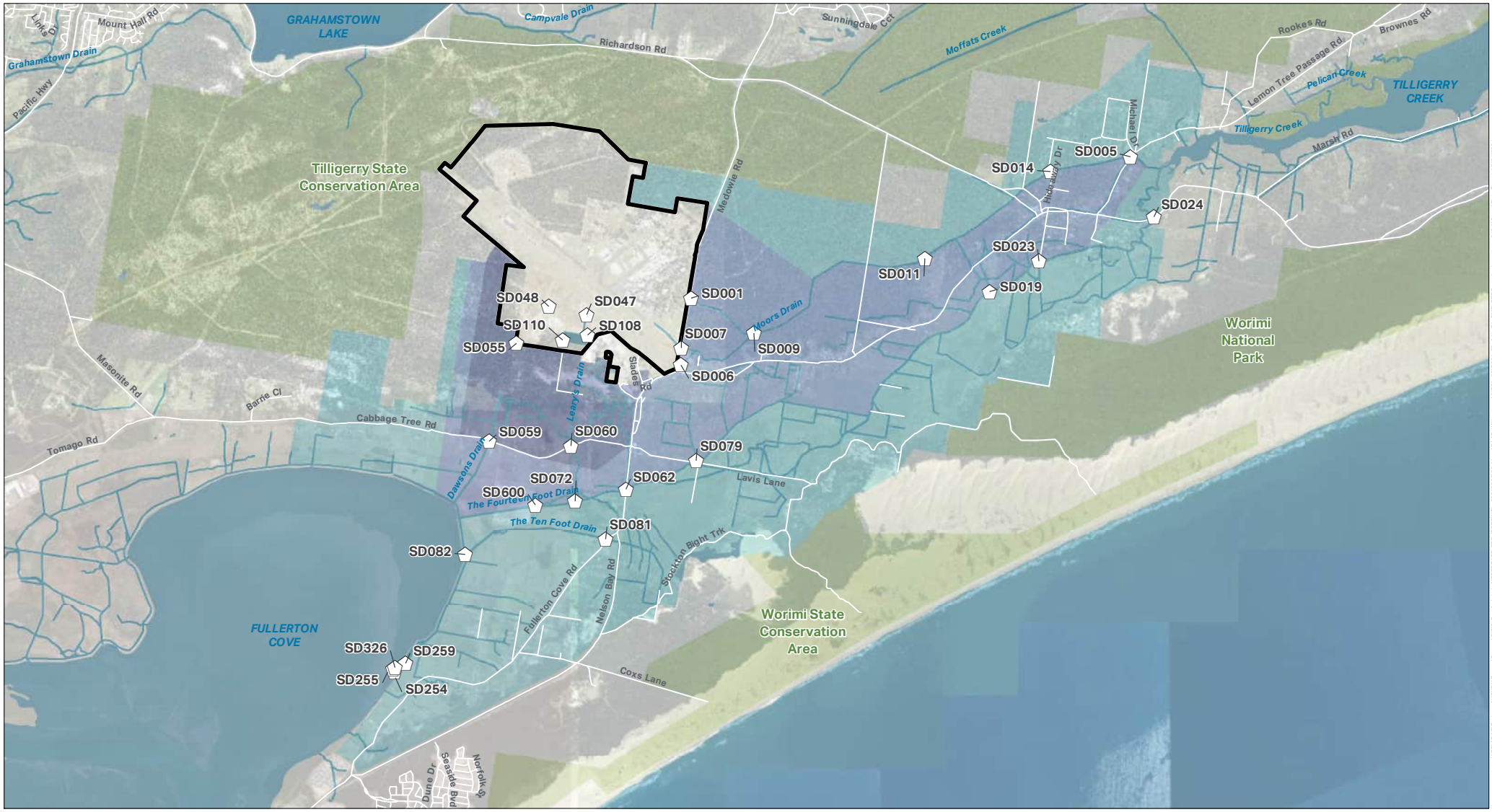

FIGURE F4: SEDIMENT SAMPLING LOCATIONS

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Sediment Sampling Location

N

0 1 2 km

AECOM

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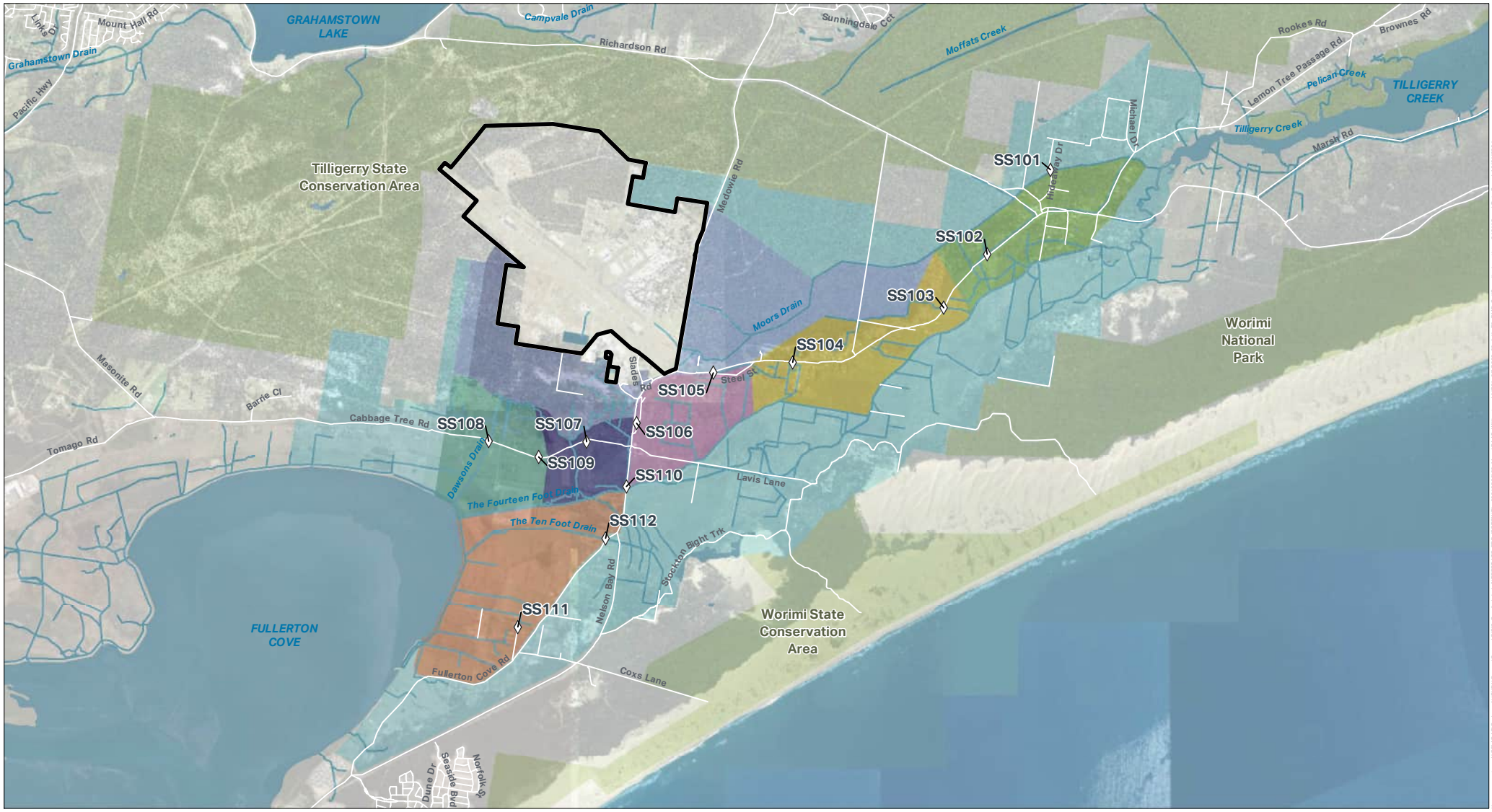

FIGURE F5: SOIL SAMPLING LOCATIONS

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- ◊ Soil sampling location

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

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CLIENT
DEPARTMENT OF DEFENCE

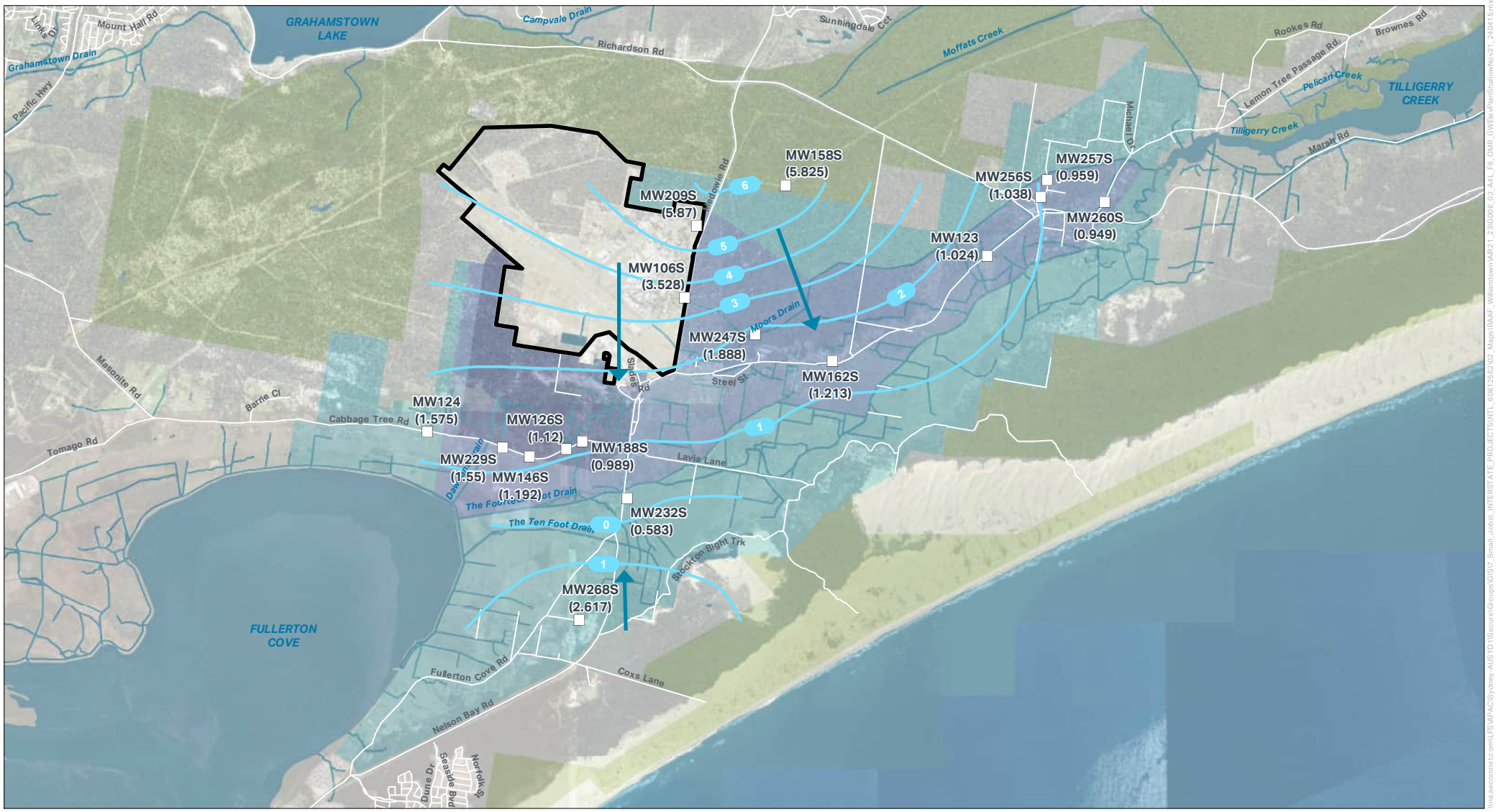

FIGURE F6: SHALLOW GROUNDWATER ELEVATION PLAN - NOV 2021

Legend

- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Shallow Groundwater Monitoring Well (Gauged)
- Shallow Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater elevation Contour (Shallow Wells; mAHD)

N

0 1 2 km

AECOM

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CLIENT
DEPARTMENT OF DEFENCE

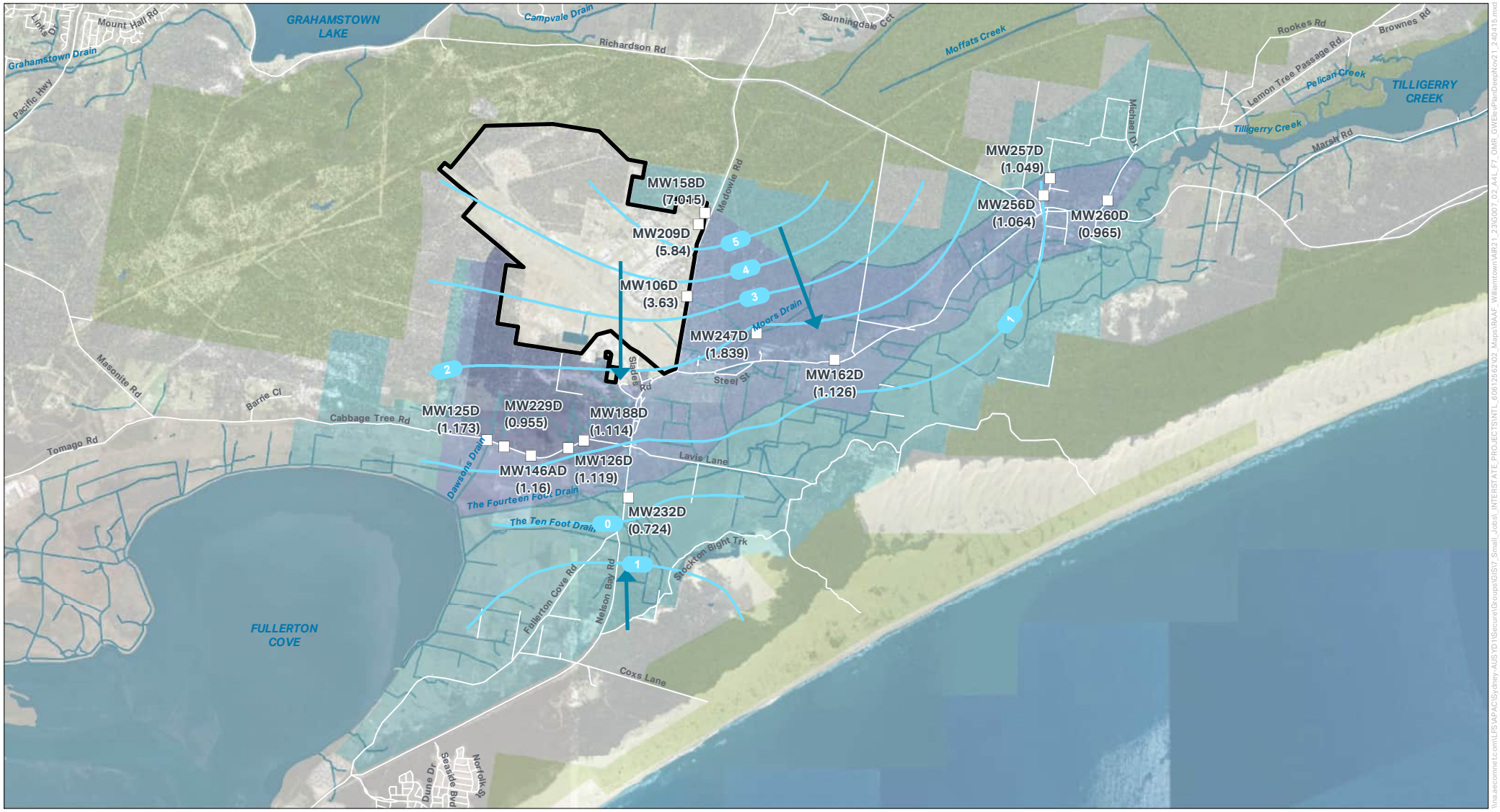

FIGURE F7: DEEP GROUNDWATER ELEVATION PLAN - NOV 2021

Legend

- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Deep Groundwater Monitoring Well (Gauged)
- Deep Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater Elevation Contour (Deep Wells; mAHD)

N

0 1 2 km

AECOM

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CLIENT
DEPARTMENT OF DEFENCE

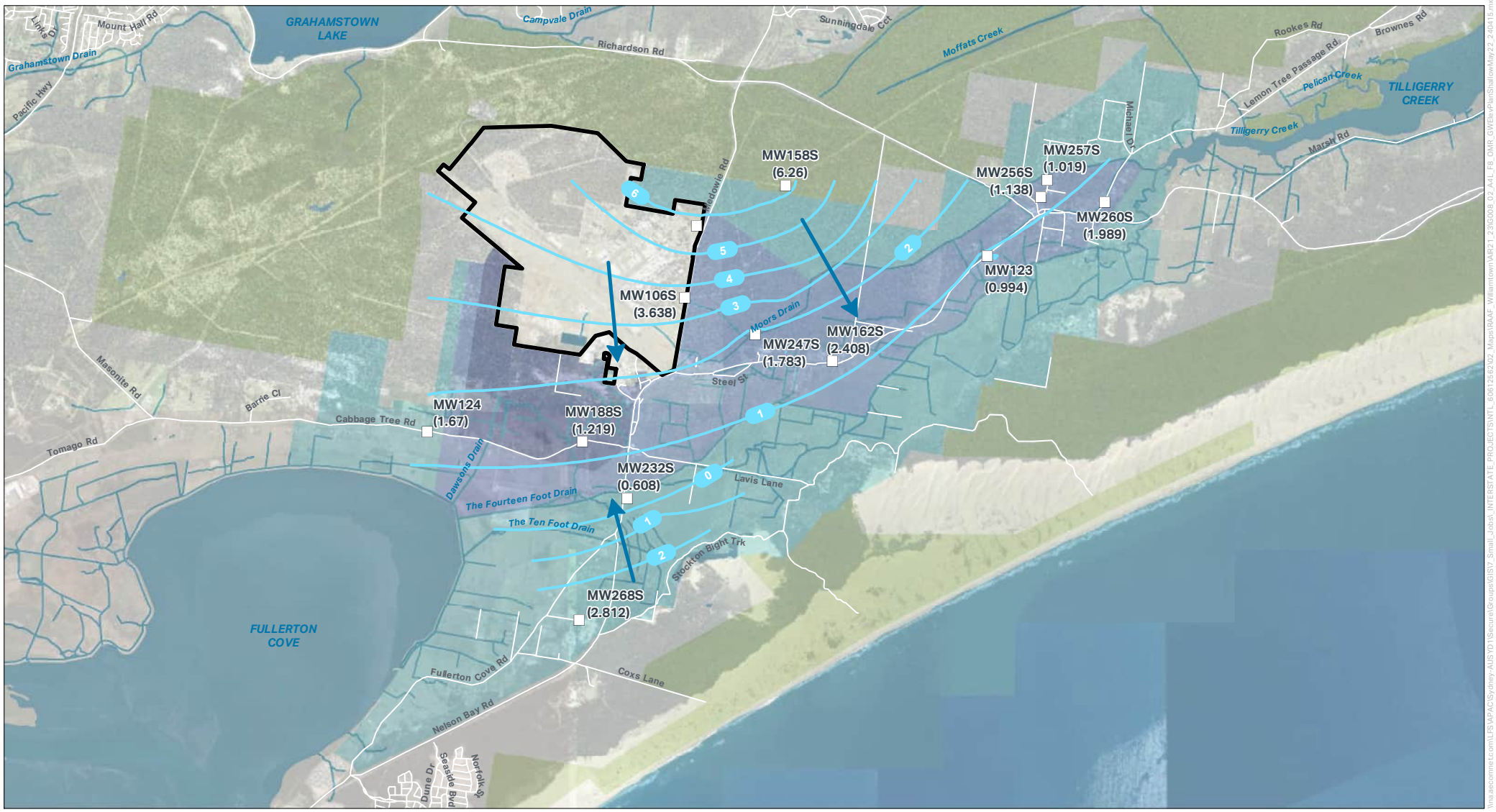

FIGURE F8: SHALLOW GROUNDWATER ELEVATION PLAN - MAY 2022

Legend

- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Shallow Groundwater Monitoring Well (Gauged)
- Shallow Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater elevation Contour (Shallow Wells; mAHD)

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

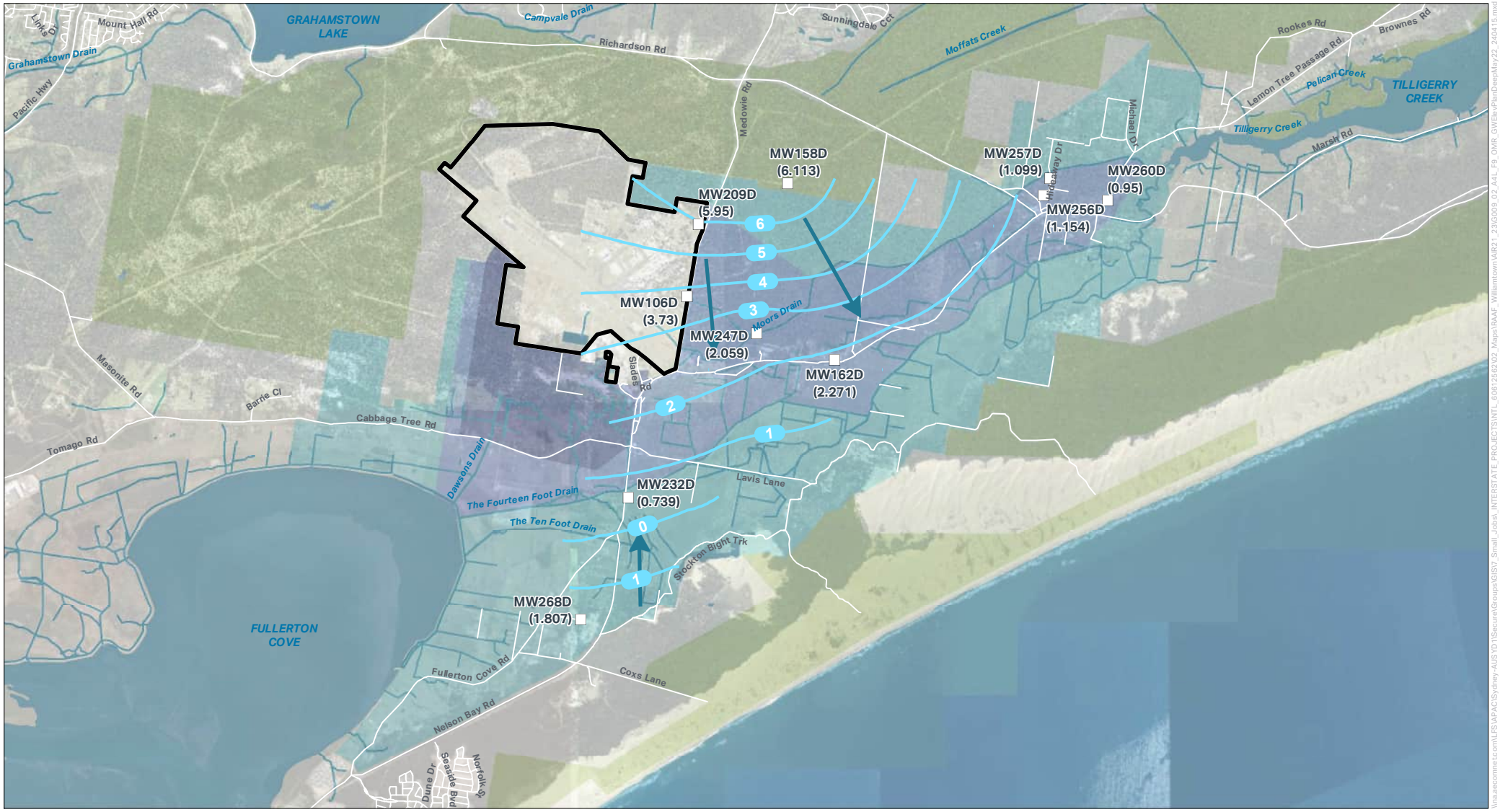

FIGURE F9: DEEP GROUNDWATER ELEVATION PLAN - MAY 2022

Legend

- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Deep Groundwater Monitoring Well (Gauged)
- Deep Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater Elevation Contour (Deep Wells; mAHD)

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
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CLIENT
DEPARTMENT OF DEFENCE

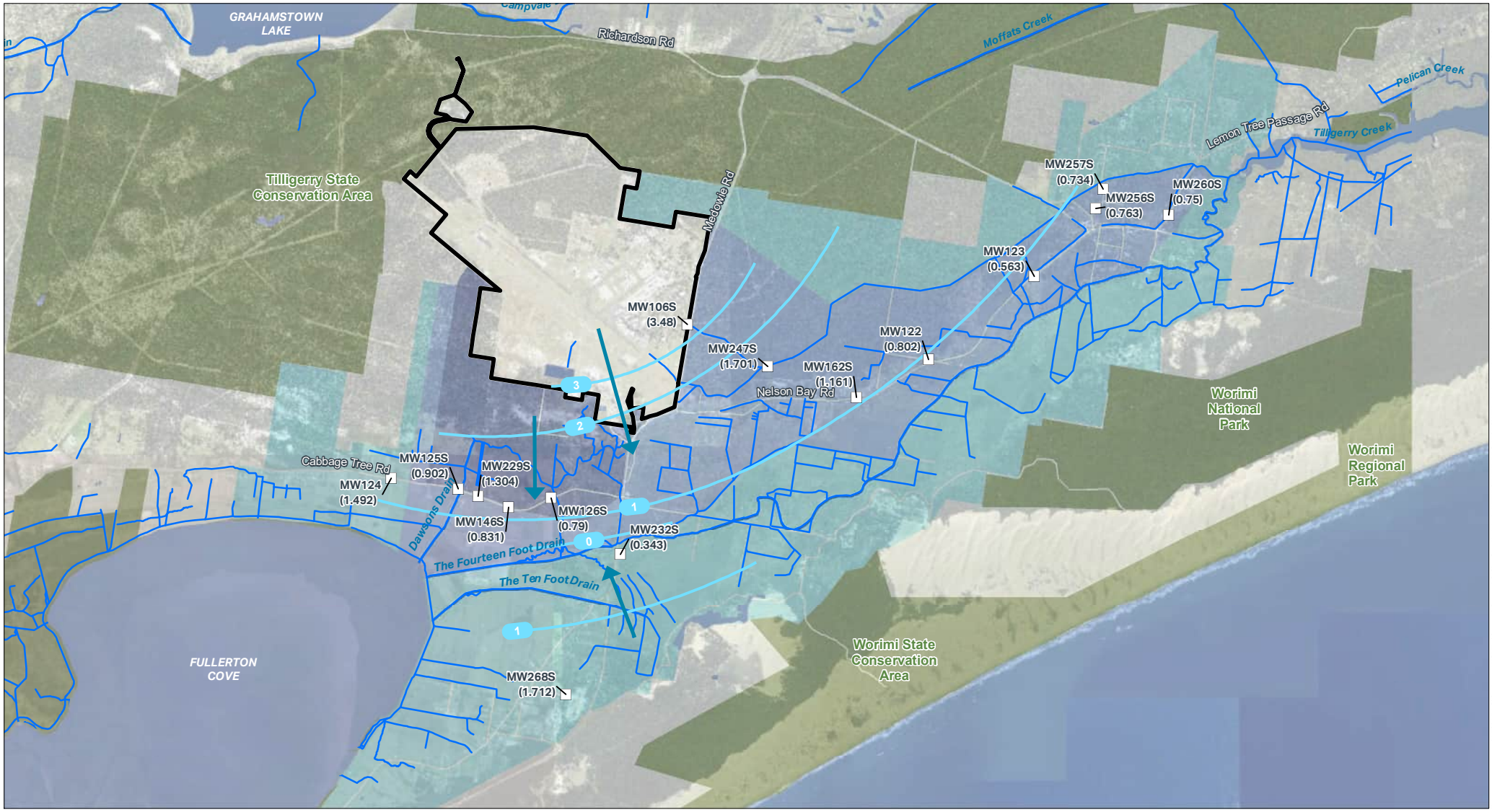

FIGURE F10: SHALLOW GROUNDWATER ELEVATION PLAN - NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Shallow Groundwater Monitoring Well (Gauged)
- Shallow Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater elevation Contour (Shallow Wells; mAHD)

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

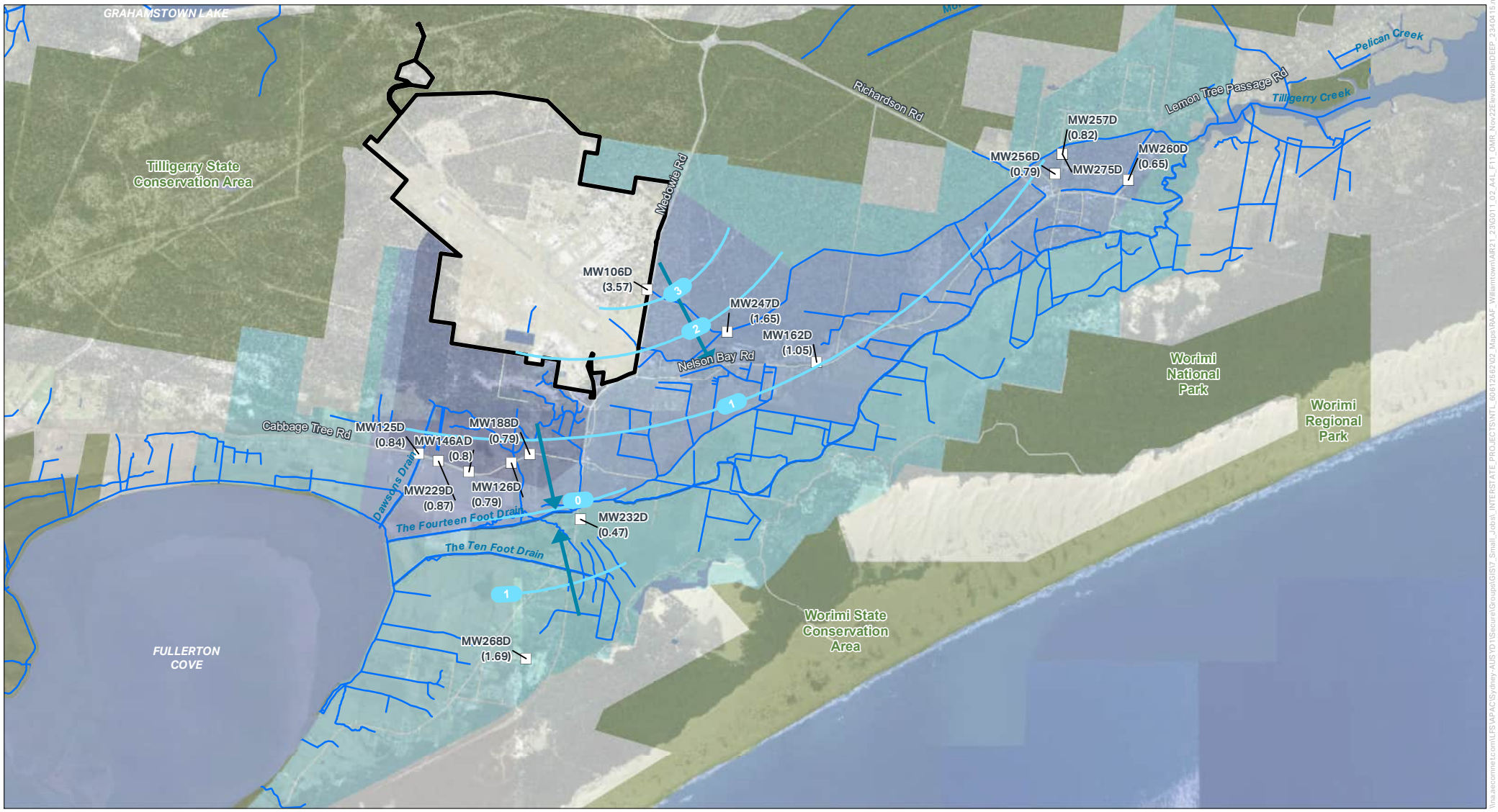

FIGURE F11: DEEP GROUNDWATER ELEVATION PLAN - NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Deep Groundwater Monitoring Well (Gauged)
- Deep Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater Elevation Contour (Deep Wells; mAHD)

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

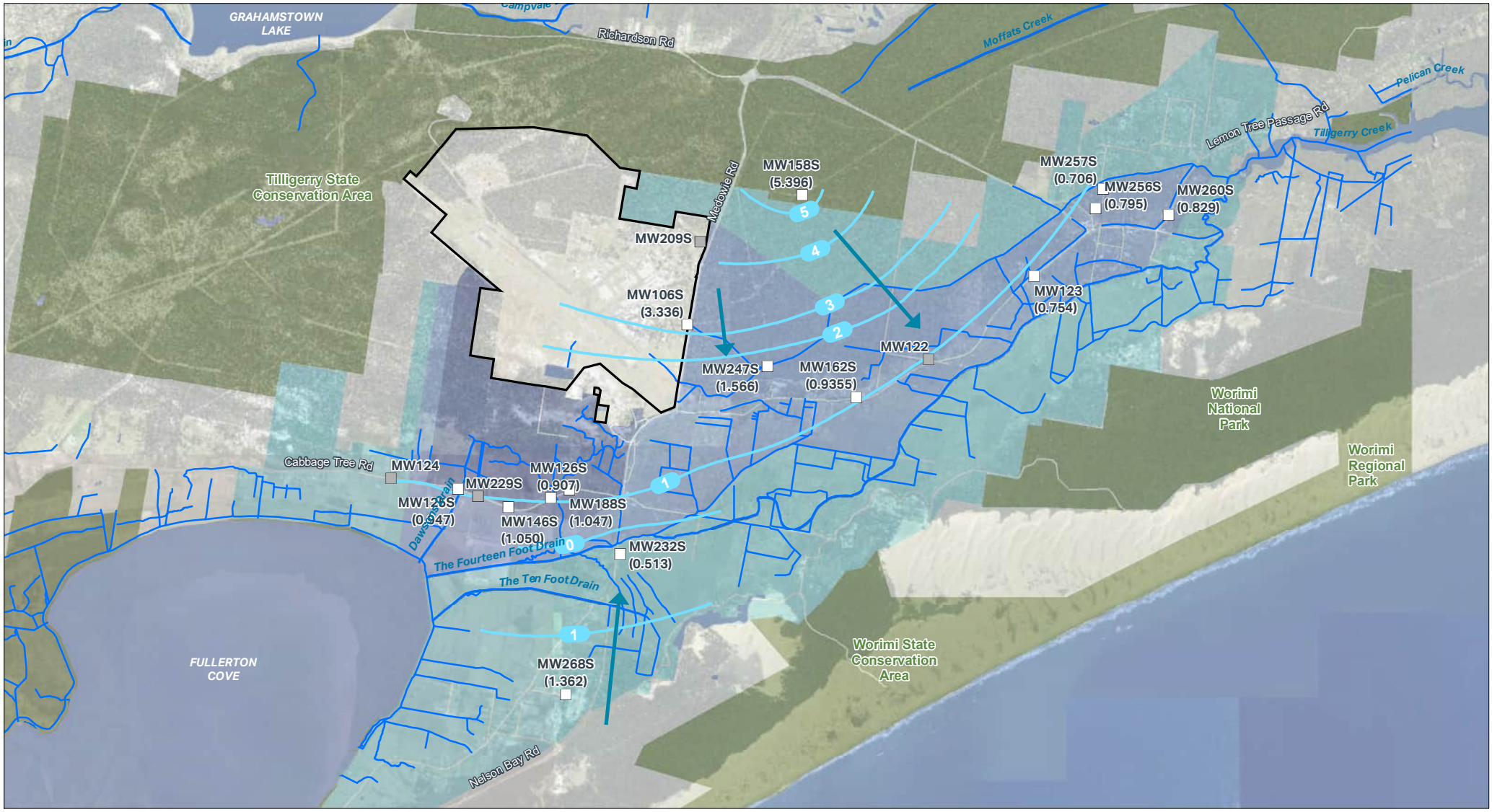

FIGURE F12: SHALLOW GROUNDWATER ELEVATION PLAN - MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Shallow Groundwater Monitoring Well (Gauged)
- Shallow Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater elevation Contour (Shallow Wells; mAHD)

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

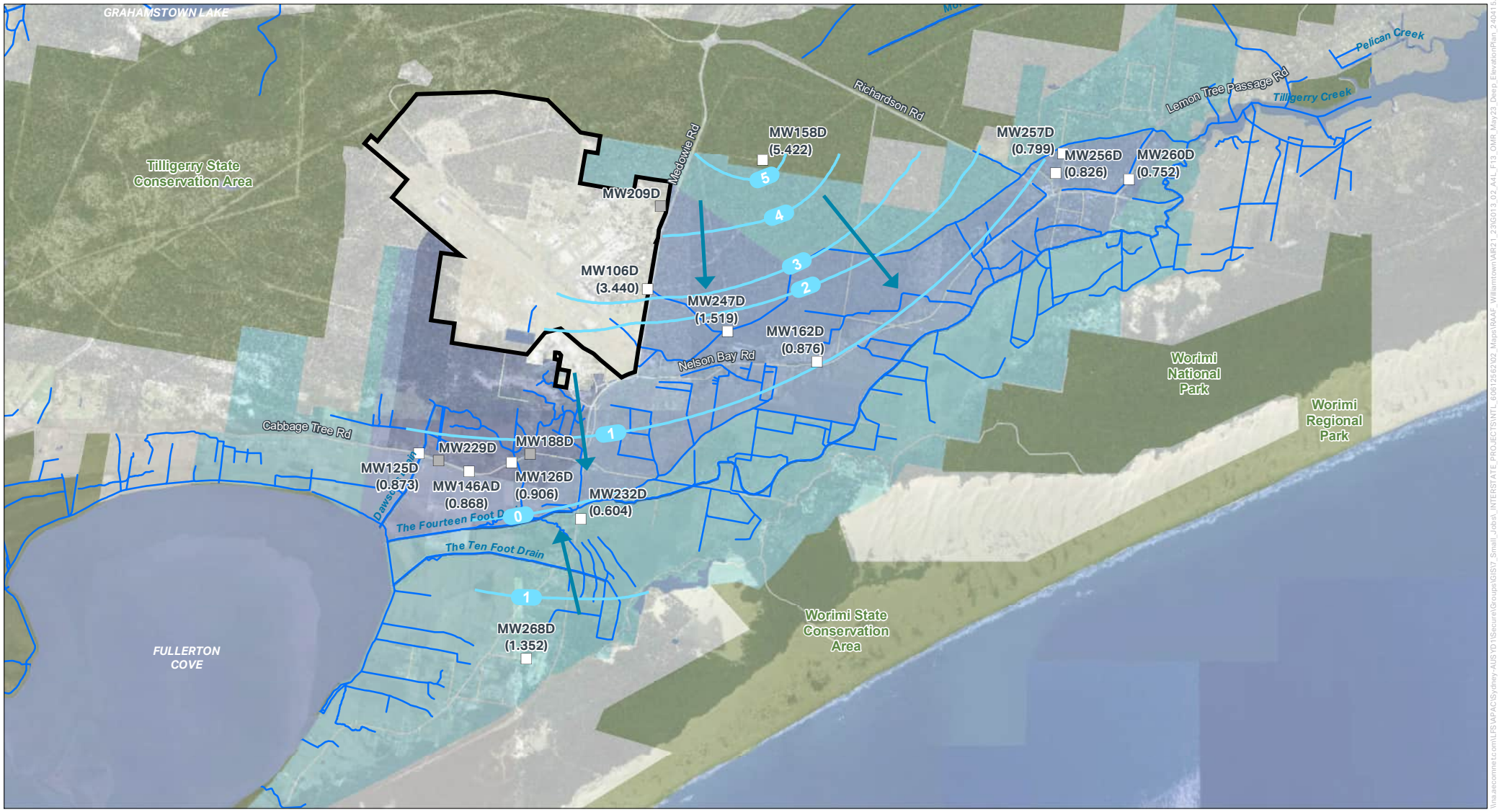

FIGURE F13: DEEP GROUNDWATER ELEVATION PLAN - MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Deep Groundwater Monitoring Well (Gauged)
- Deep Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater Elevation Contour (Deep Wells; mAHD)

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

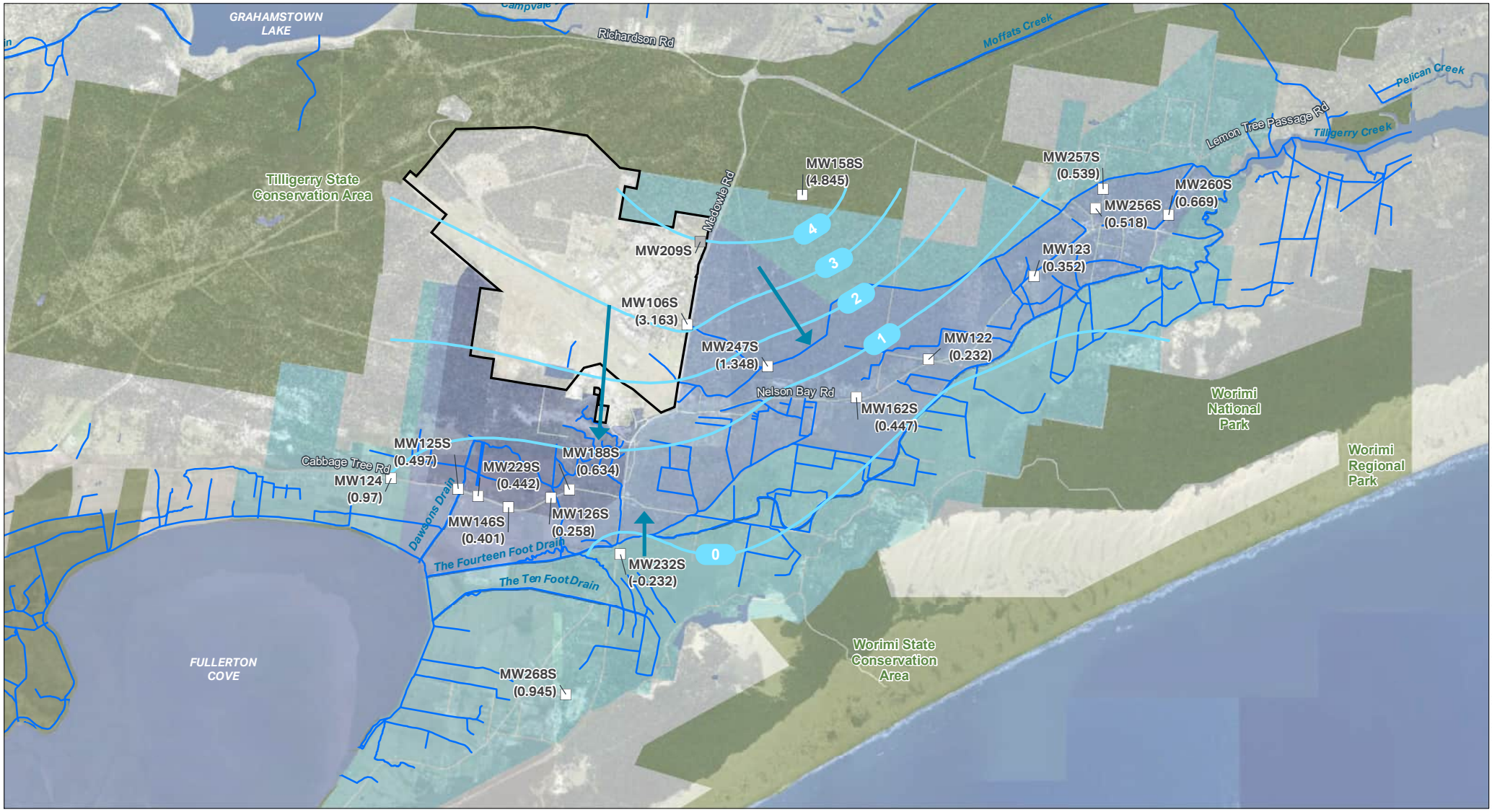

FIGURE F14: SHALLOW GROUNDWATER ELEVATION PLAN - NOV 2023

Legend

- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- RAAF Base Williamtown
- National Parks and Reserves
- Watercourse
- Shallow Groundwater Monitoring Well (Gauged)
- Shallow Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater elevation Contour (Shallow Wells; mAHD)

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

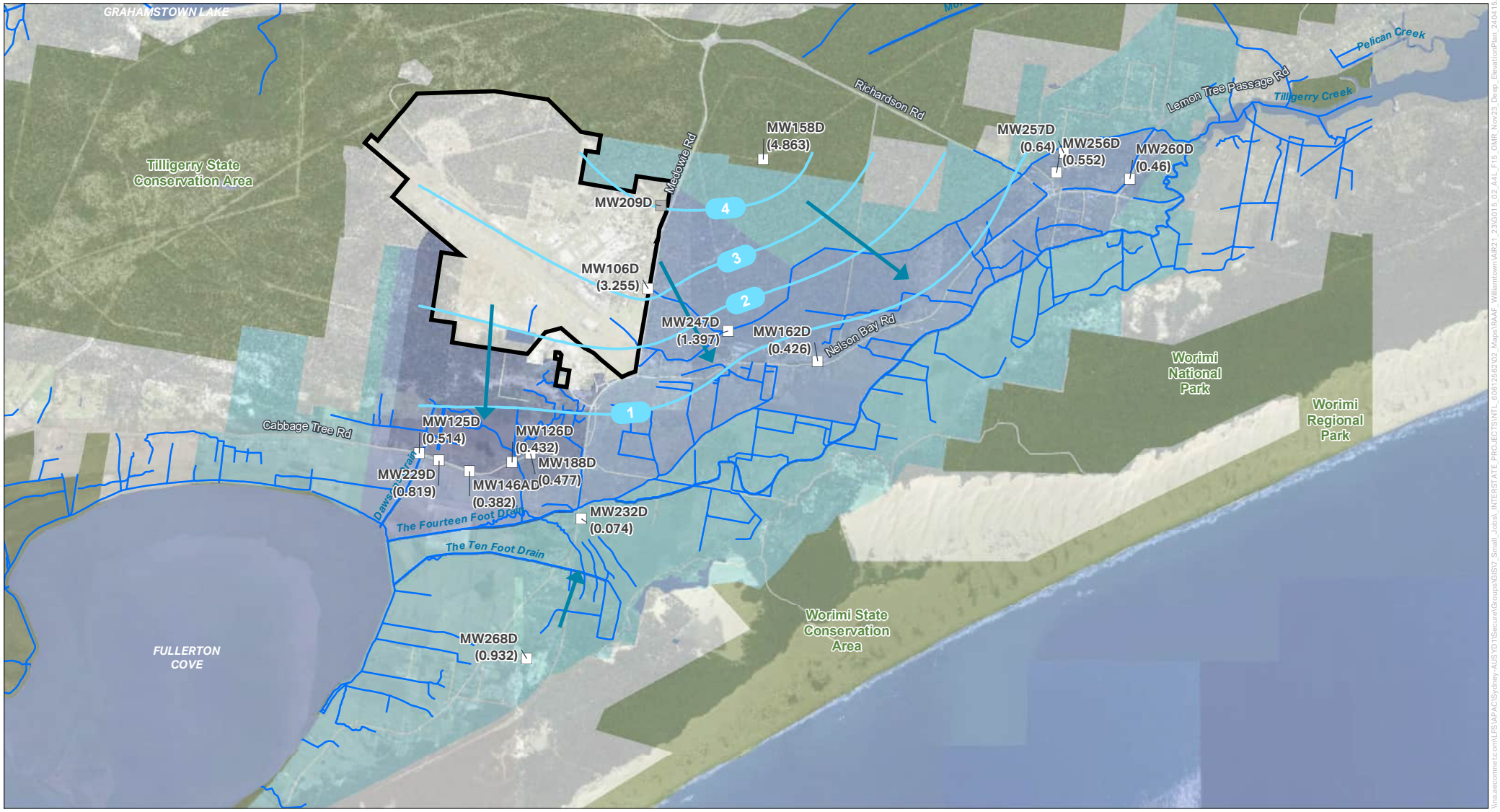

FIGURE F15: DEEP GROUNDWATER ELEVATION PLAN - NOV 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse
- Deep Groundwater Monitoring Well (Gauged)
- Deep Groundwater Monitoring Well (Not Gauged)
- Inferred Groundwater Flow Direction
- Groundwater Elevation Contour (Deep Wells; mAHD)

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

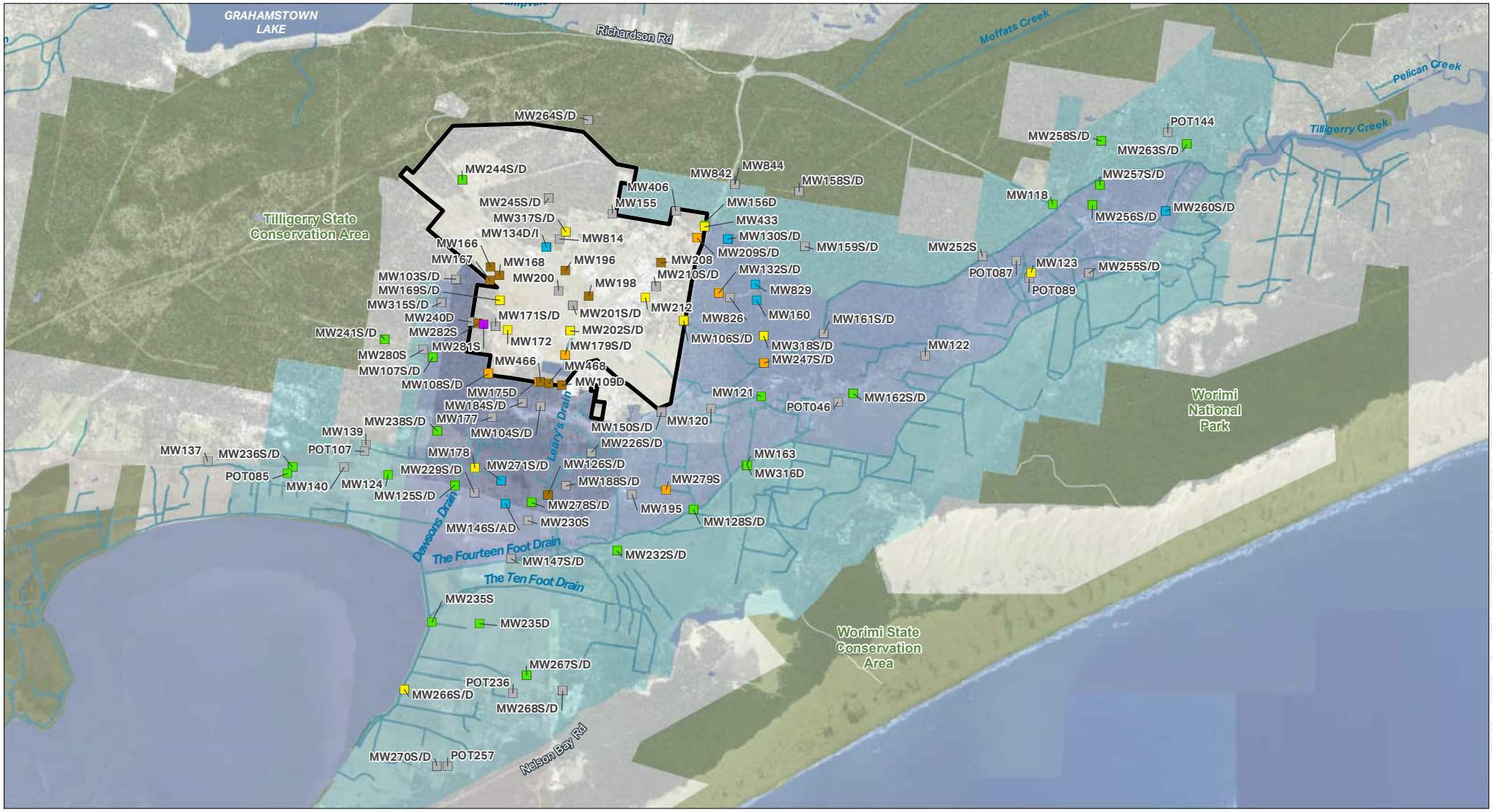

FIGURE F16: GROUNDWATER ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 1 - 10
- > 0.07 - 1
- Limit of Reporting - 0.07
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

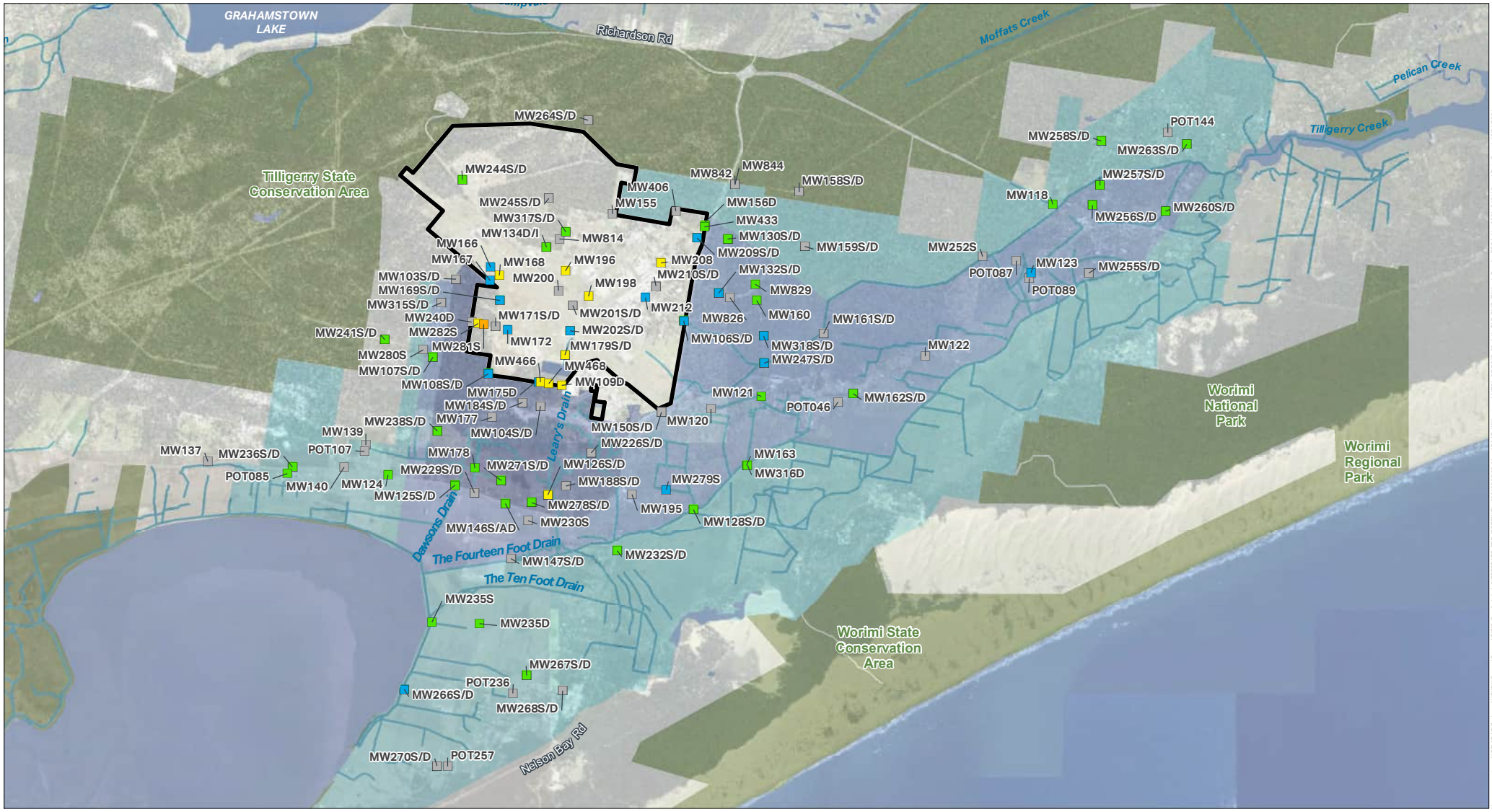

FIGURE F17: GROUNDWATER ANALYTICAL RESULTS – PFOA – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

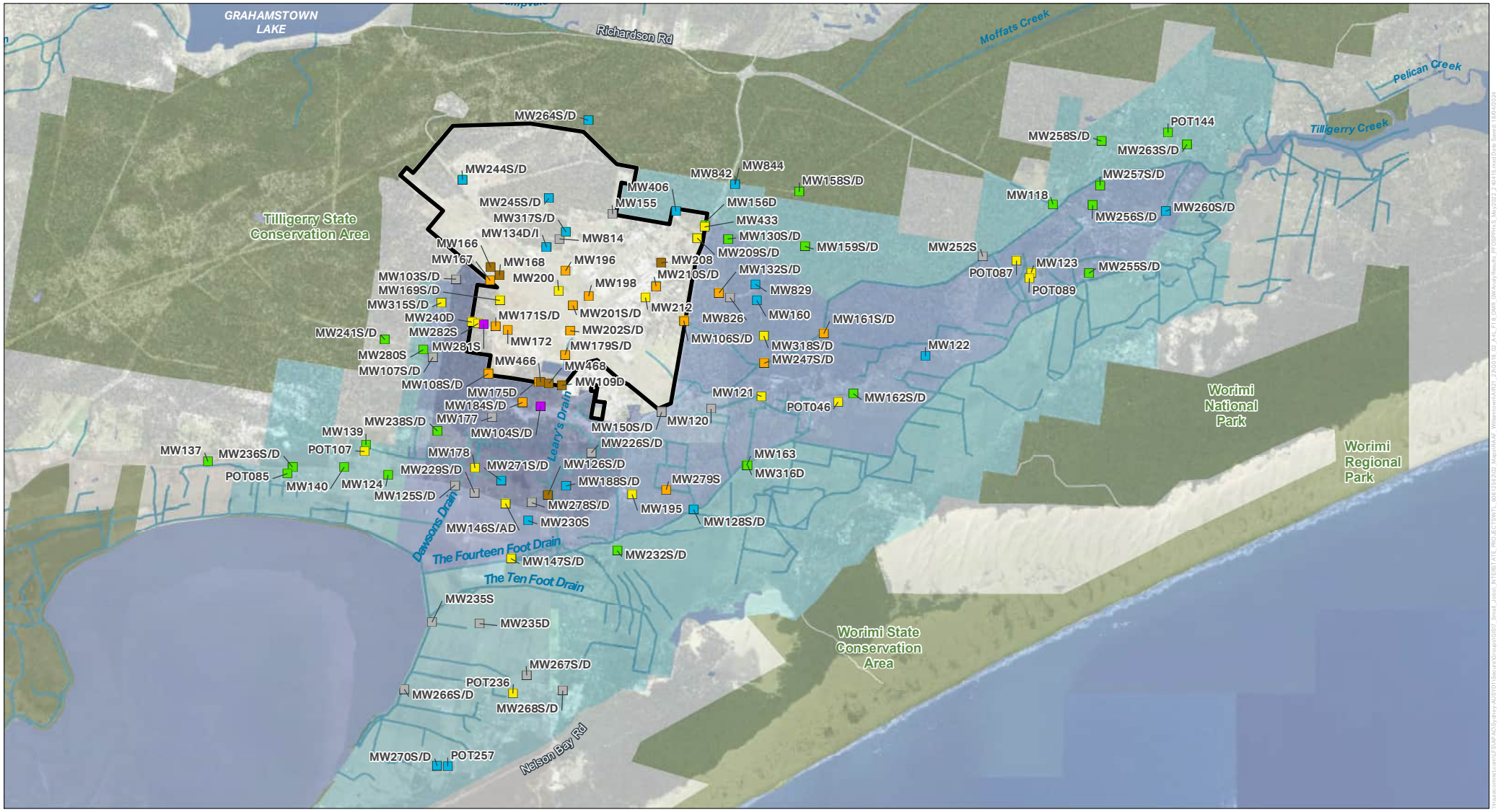

FIGURE F18: GROUNDWATER ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 1 - 10
- > 0.07 - 1
- Limit of Reporting - 0.07
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
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CLIENT
DEPARTMENT OF DEFENCE

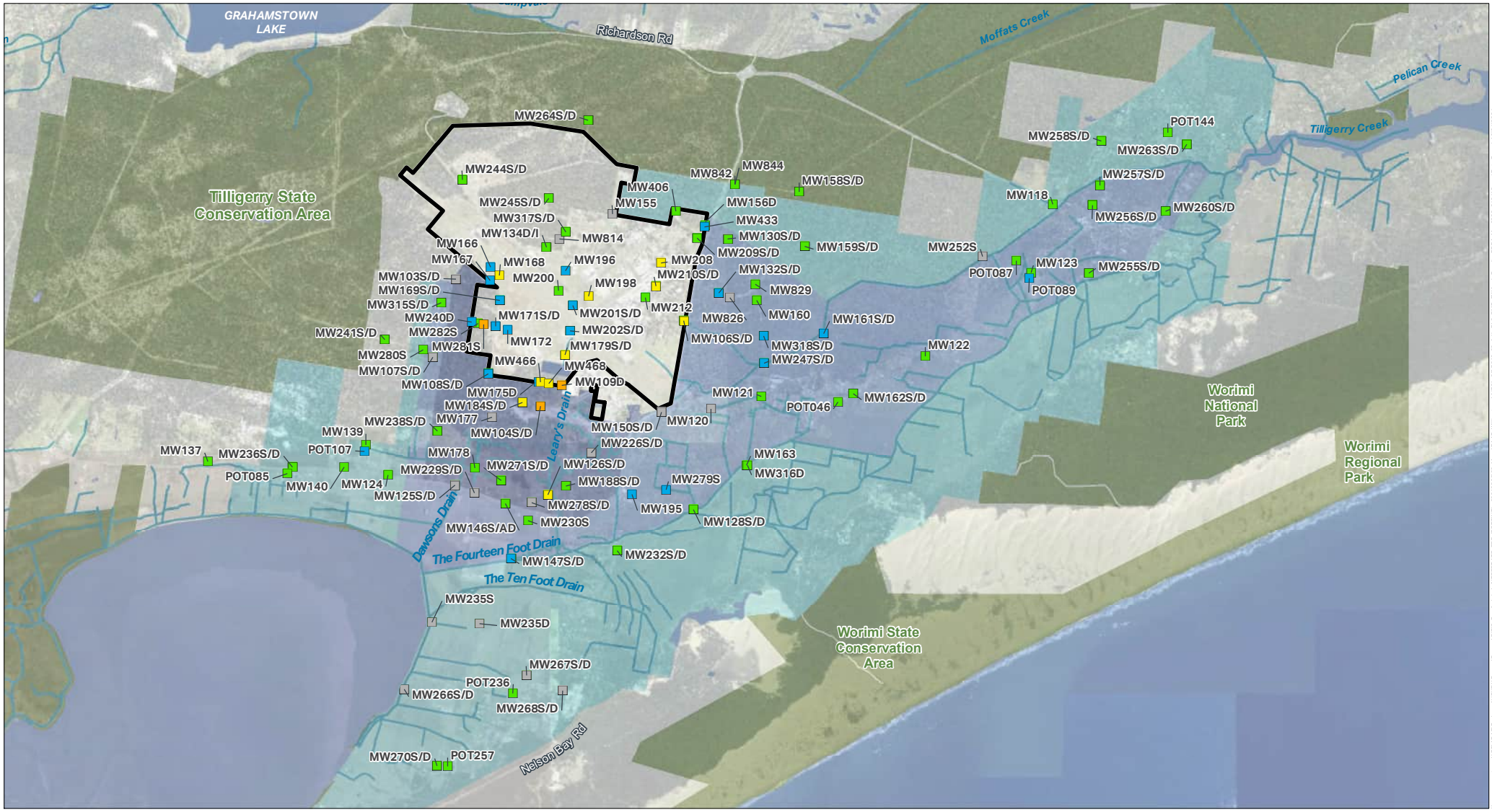

FIGURE F19: GROUNDWATER ANALYTICAL RESULTS – PFOA – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

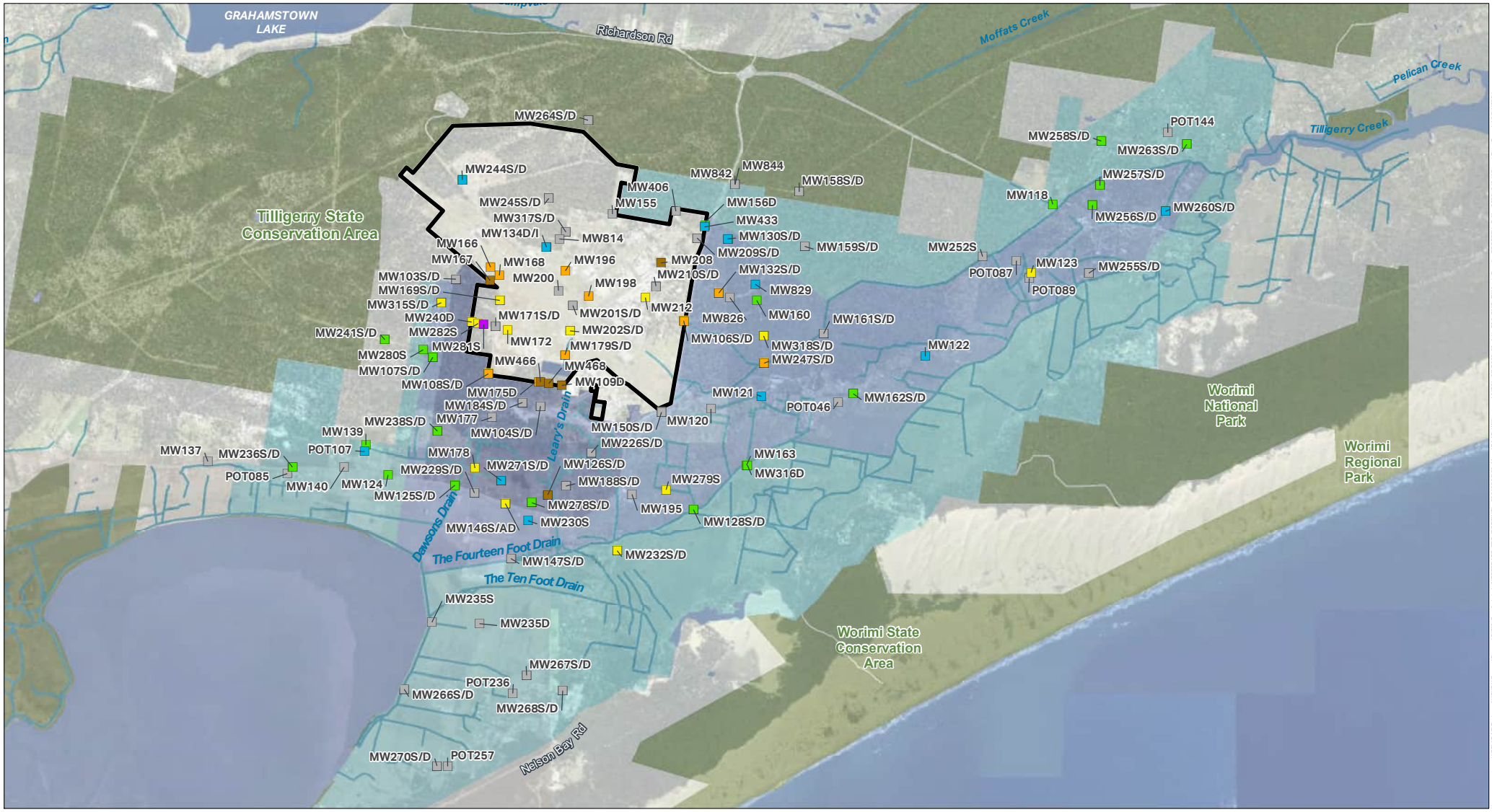

FIGURE F20: GROUNDWATER ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 1 - 10
- > 0.07 - 1
- Limit of Reporting - 0.07
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

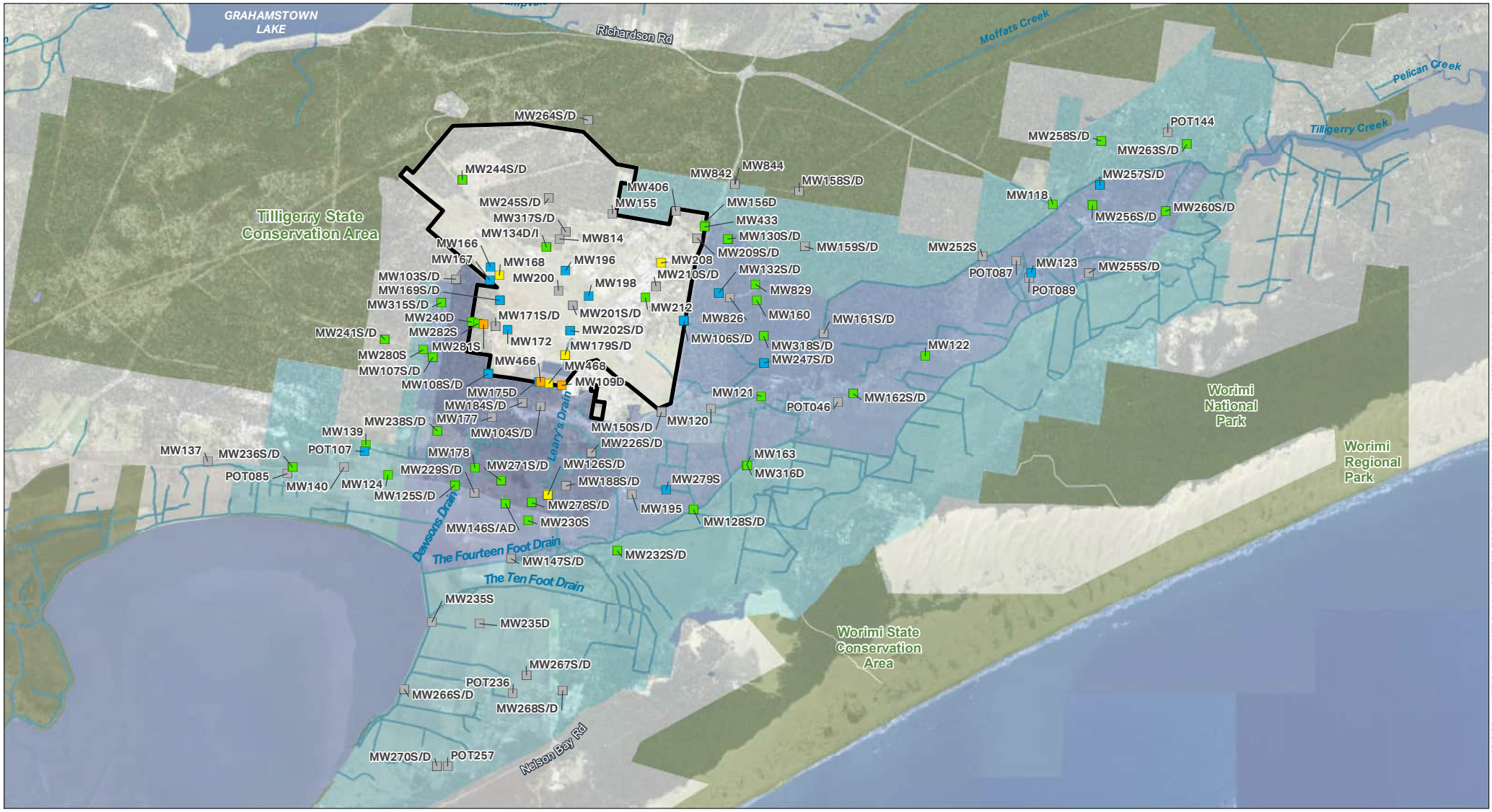

FIGURE F21: GROUNDWATER ANALYTICAL RESULTS – PFOA – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

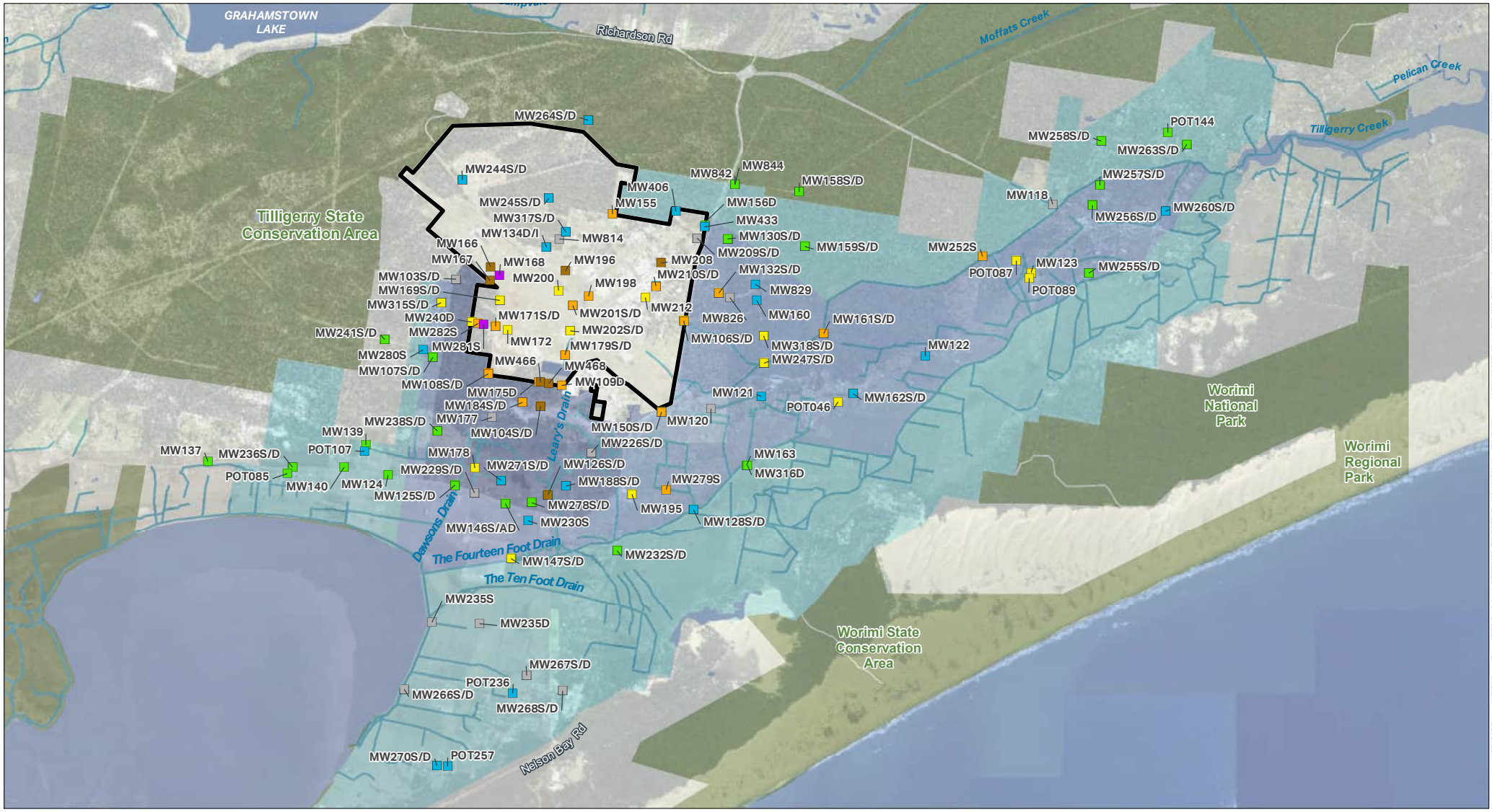

FIGURE F22: GROUNDWATER ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 1 - 10
- > 0.07 - 1
- Limit of Reporting - 0.07
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

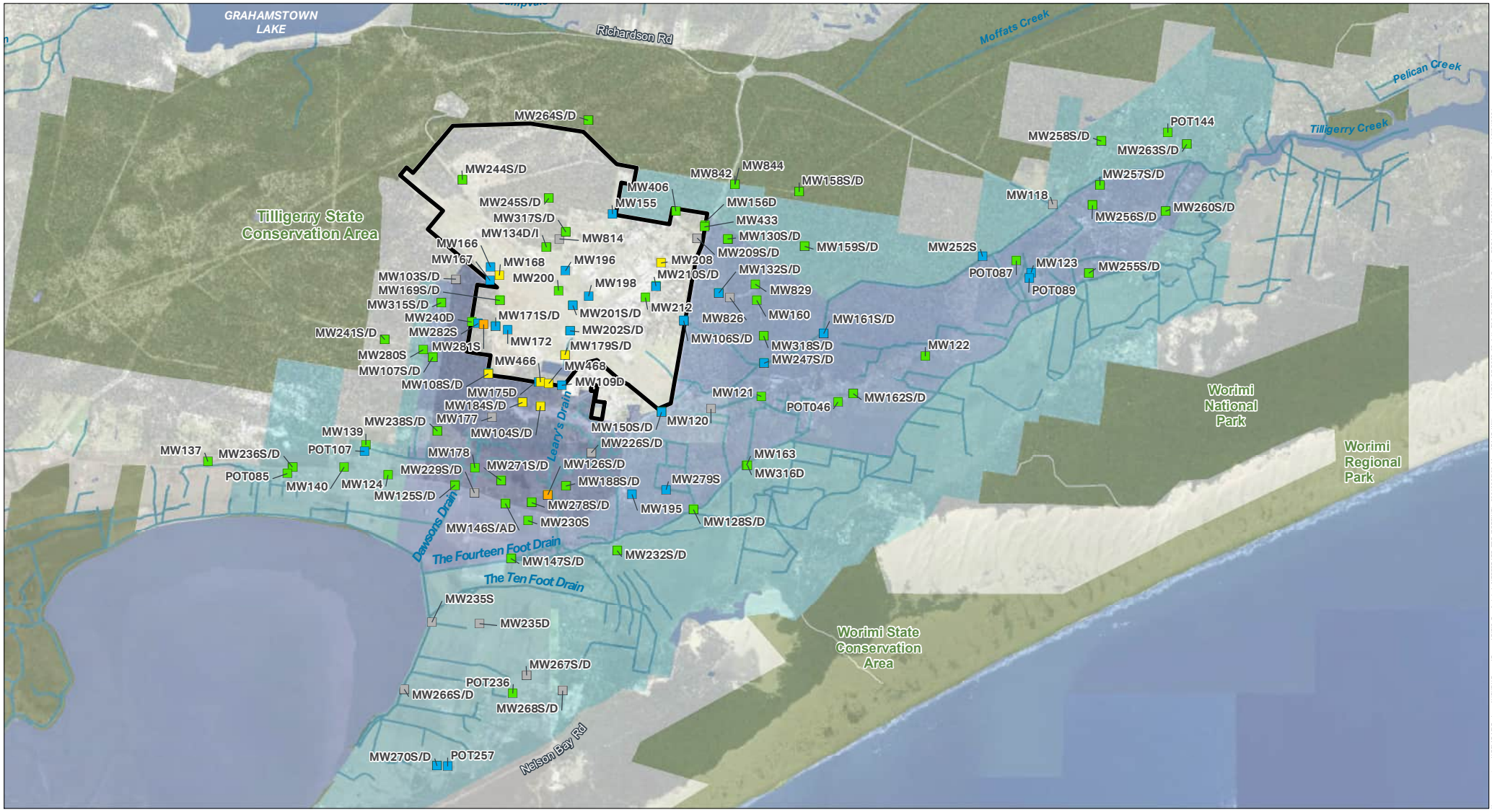

FIGURE F23: GROUNDWATER ANALYTICAL RESULTS – PFOA – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

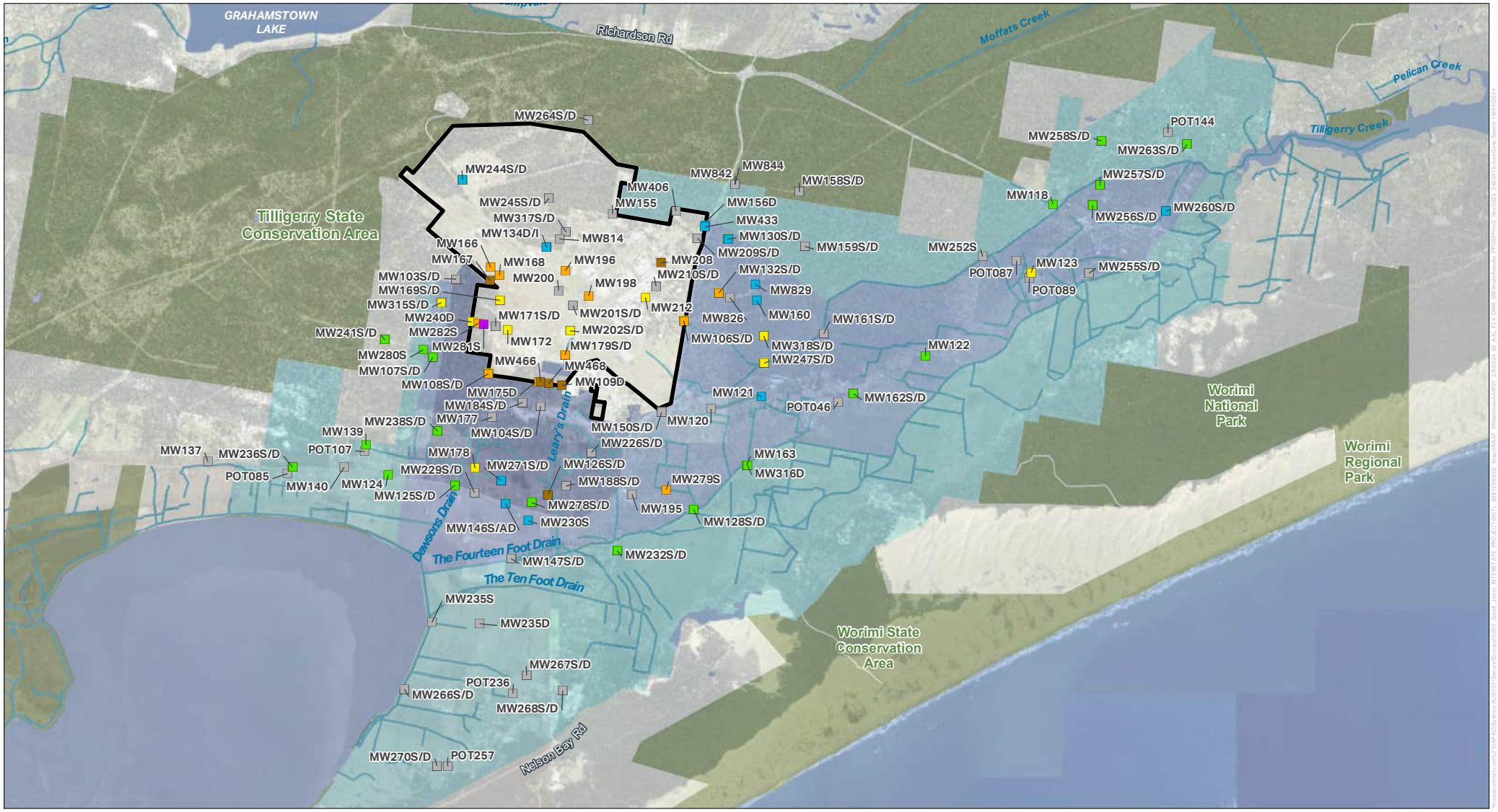

FIGURE F24: GROUNDWATER ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 1 - 10
- > 0.07 - 1
- Limit of Reporting - 0.07
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

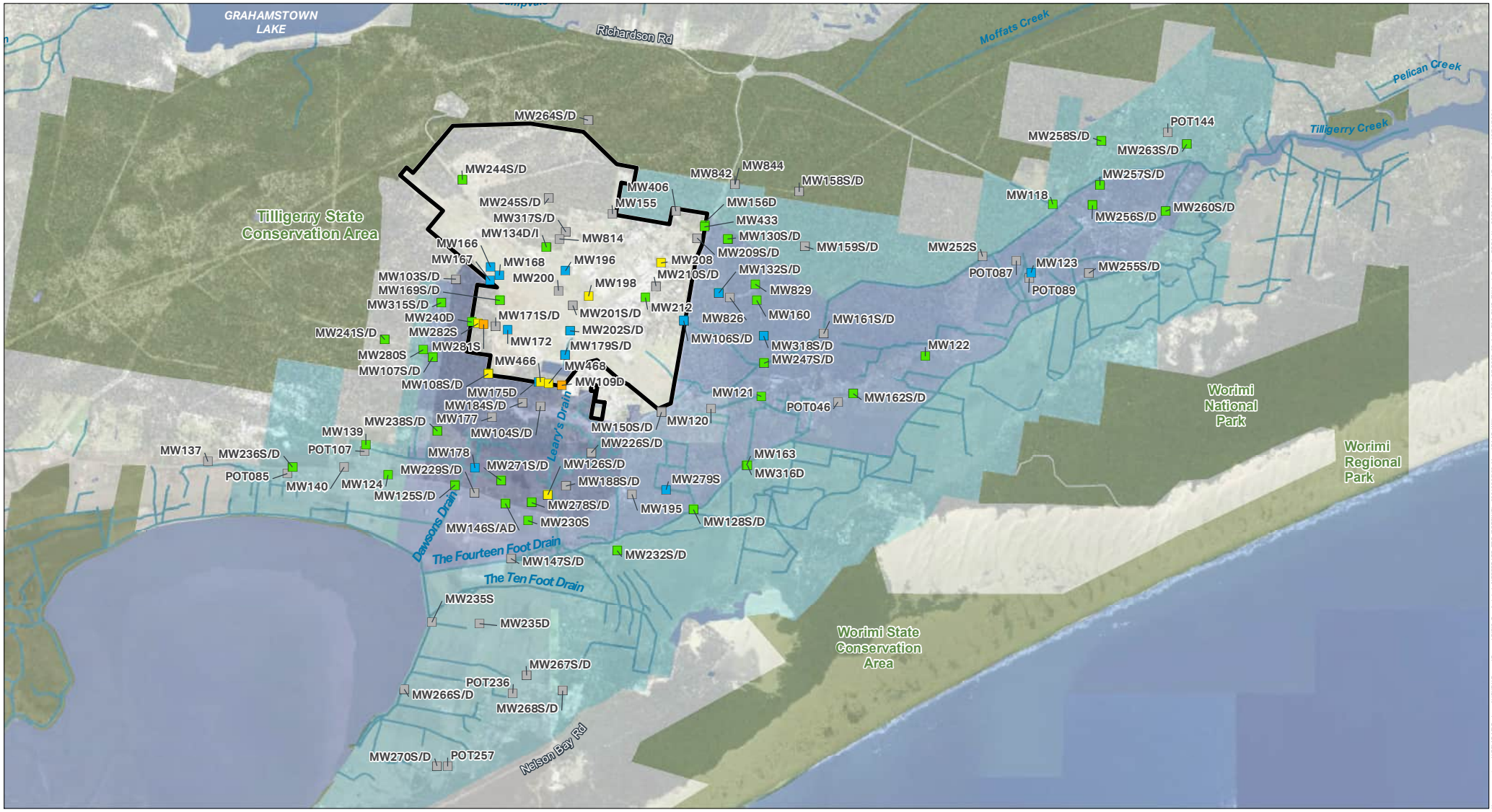

FIGURE F25: GROUNDWATER ANALYTICAL RESULTS – PFOA – NOV 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Groundwater PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 0.5 1 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

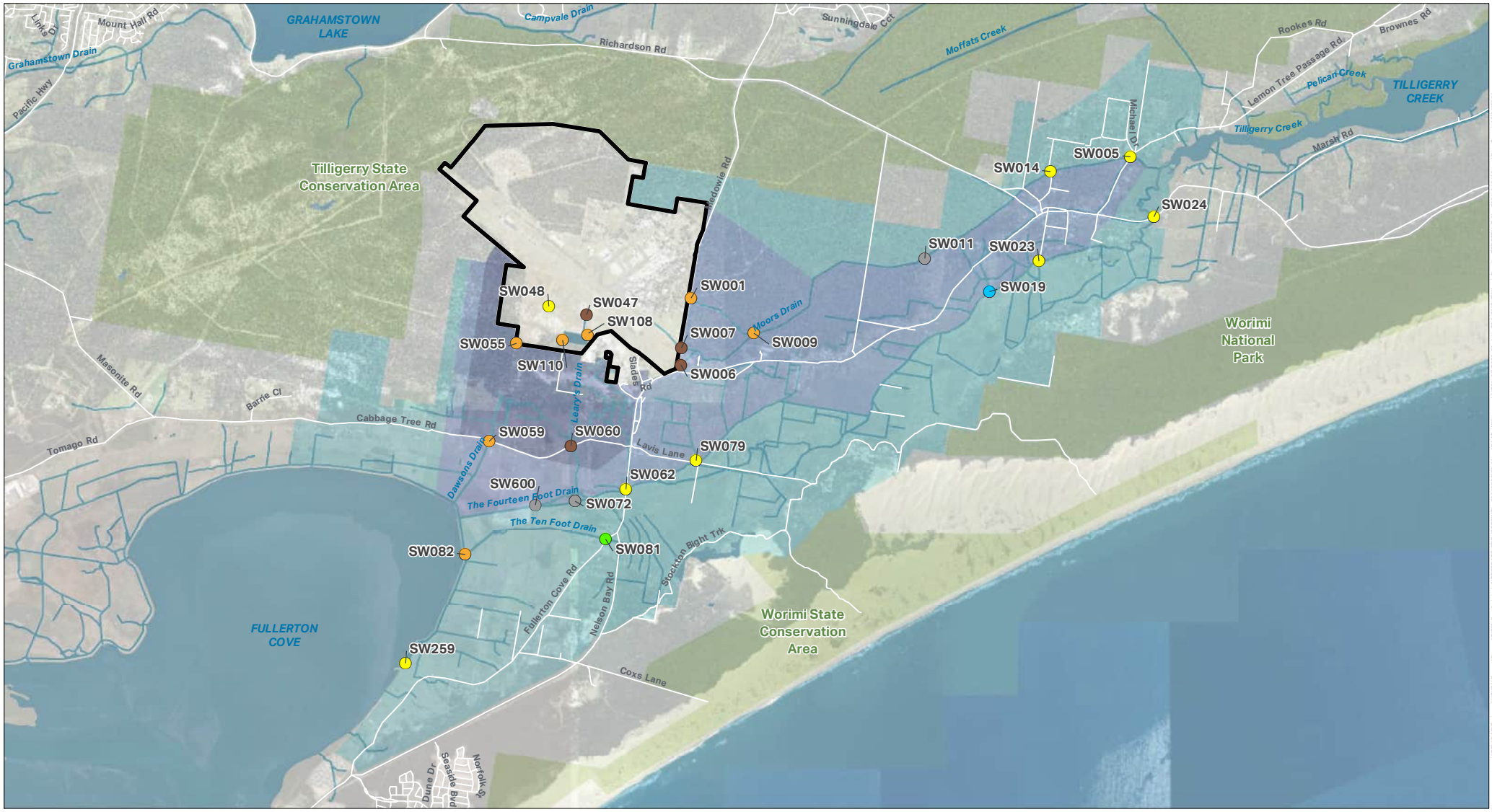

FIGURE F26: SURFACE WATER ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 2 - 10
- > 0.1 - 2
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

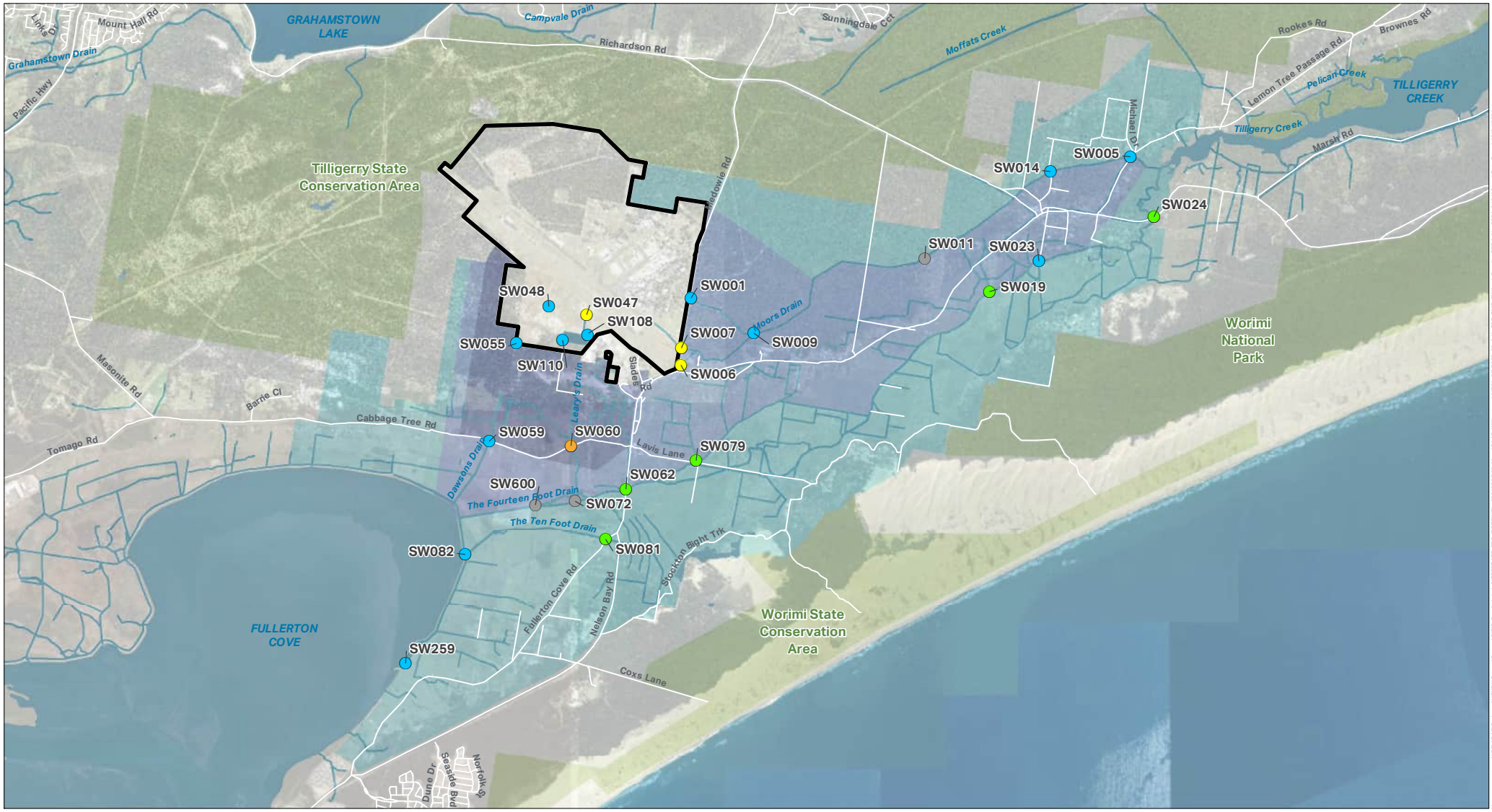

FIGURE F27: SURFACE WATER ANALYTICAL RESULTS – PFOA – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

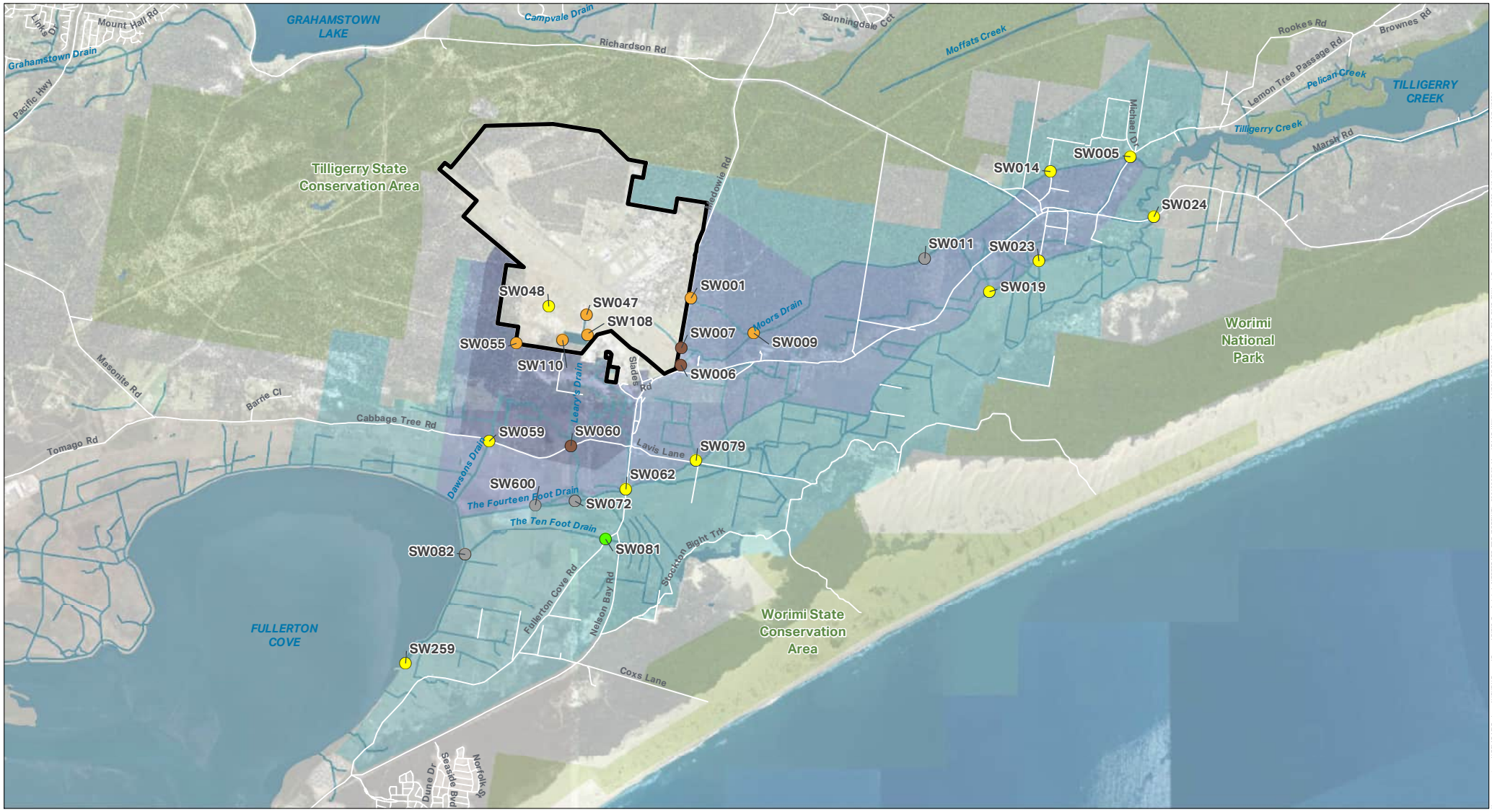

FIGURE F28: SURFACE WATER ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 2 - 10
- > 0.1 - 2
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

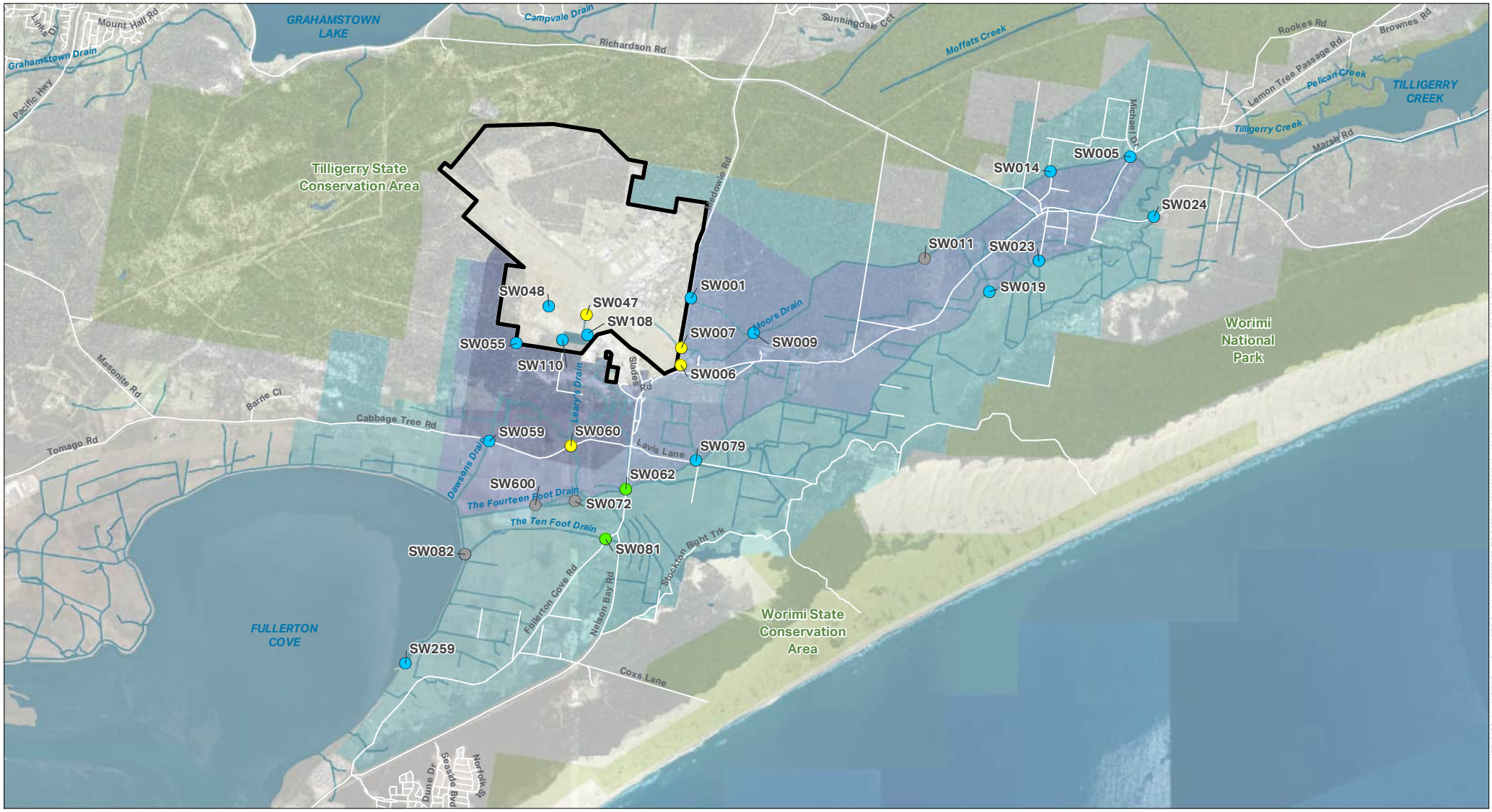

FIGURE F29: SURFACE WATER ANALYTICAL RESULTS – PFOA – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

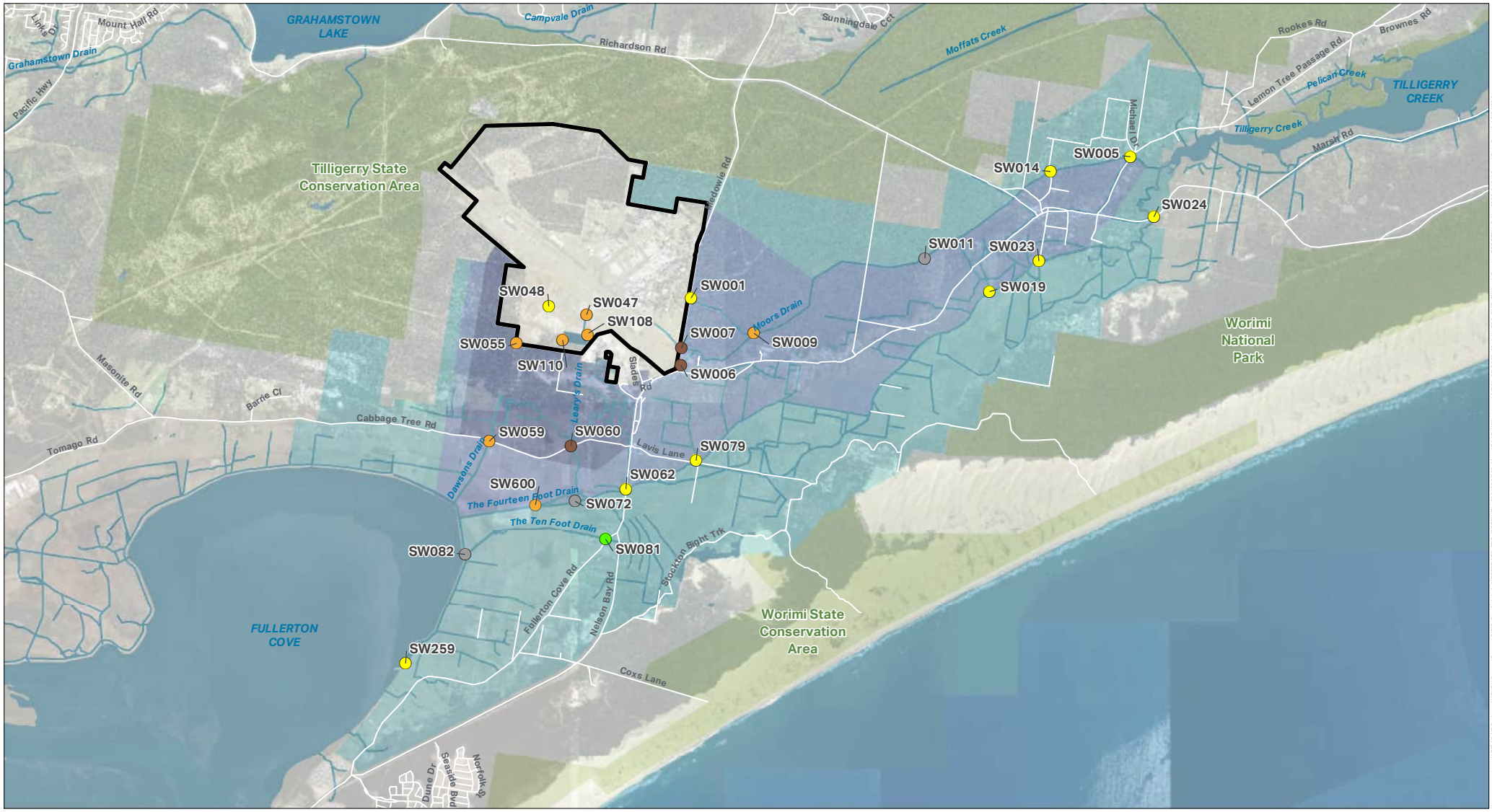

FIGURE F30: SURFACE WATER ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 2 - 10
- > 0.1 - 2
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
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ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

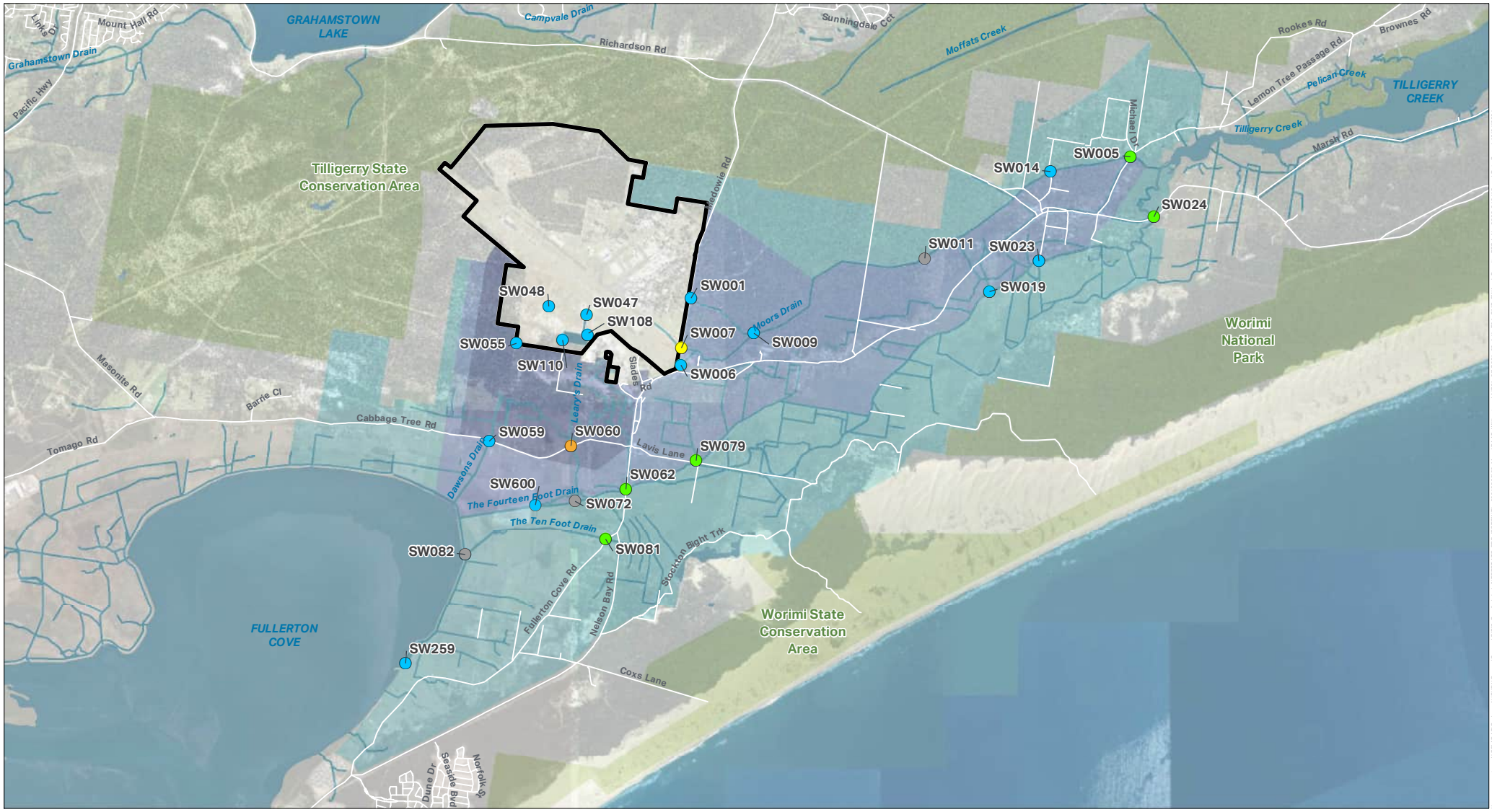

FIGURE F31: SURFACE WATER ANALYTICAL RESULTS – PFOA – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

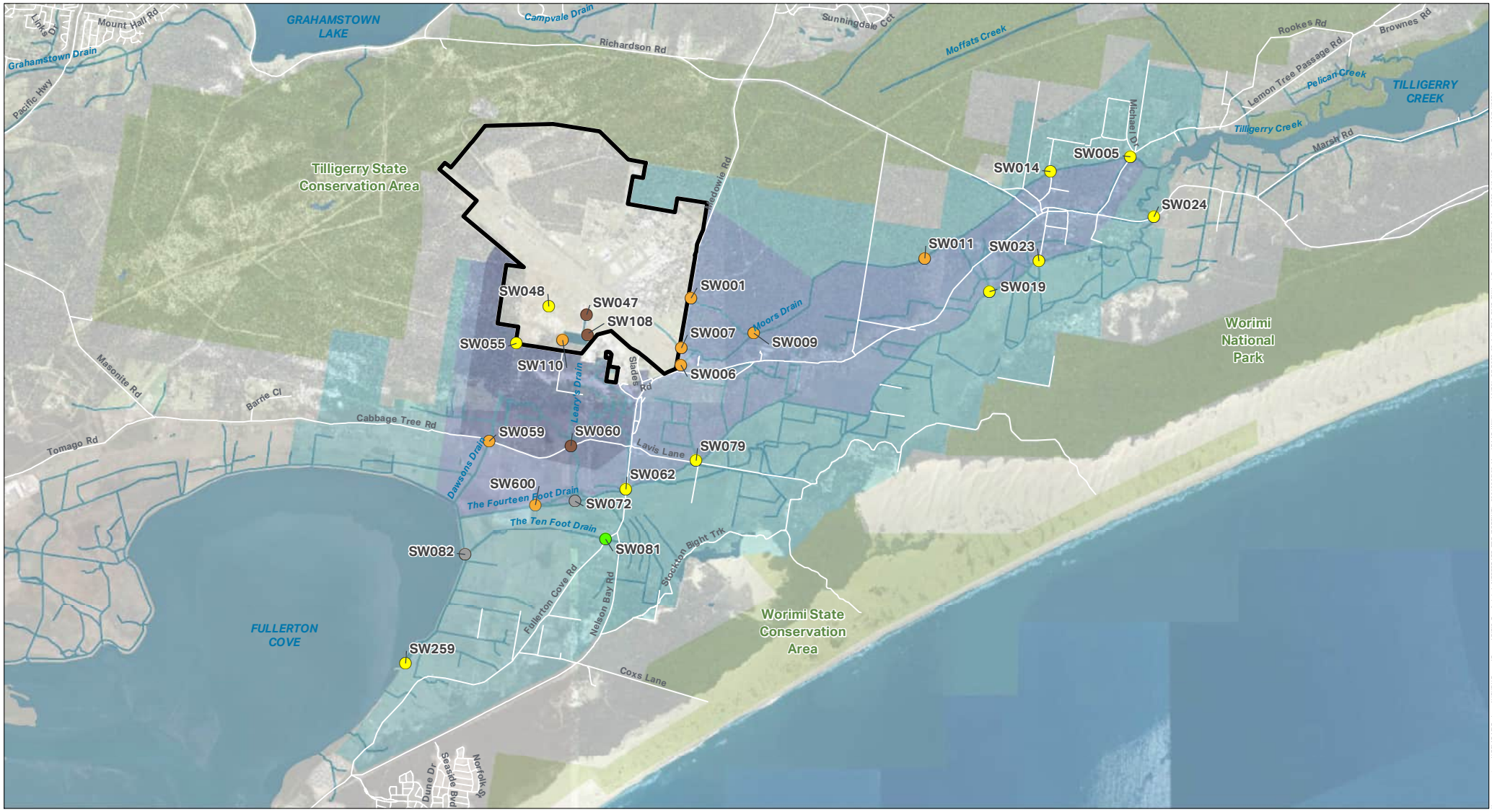

FIGURE F32: SURFACE WATER ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 2 - 10
- > 0.1 - 2
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

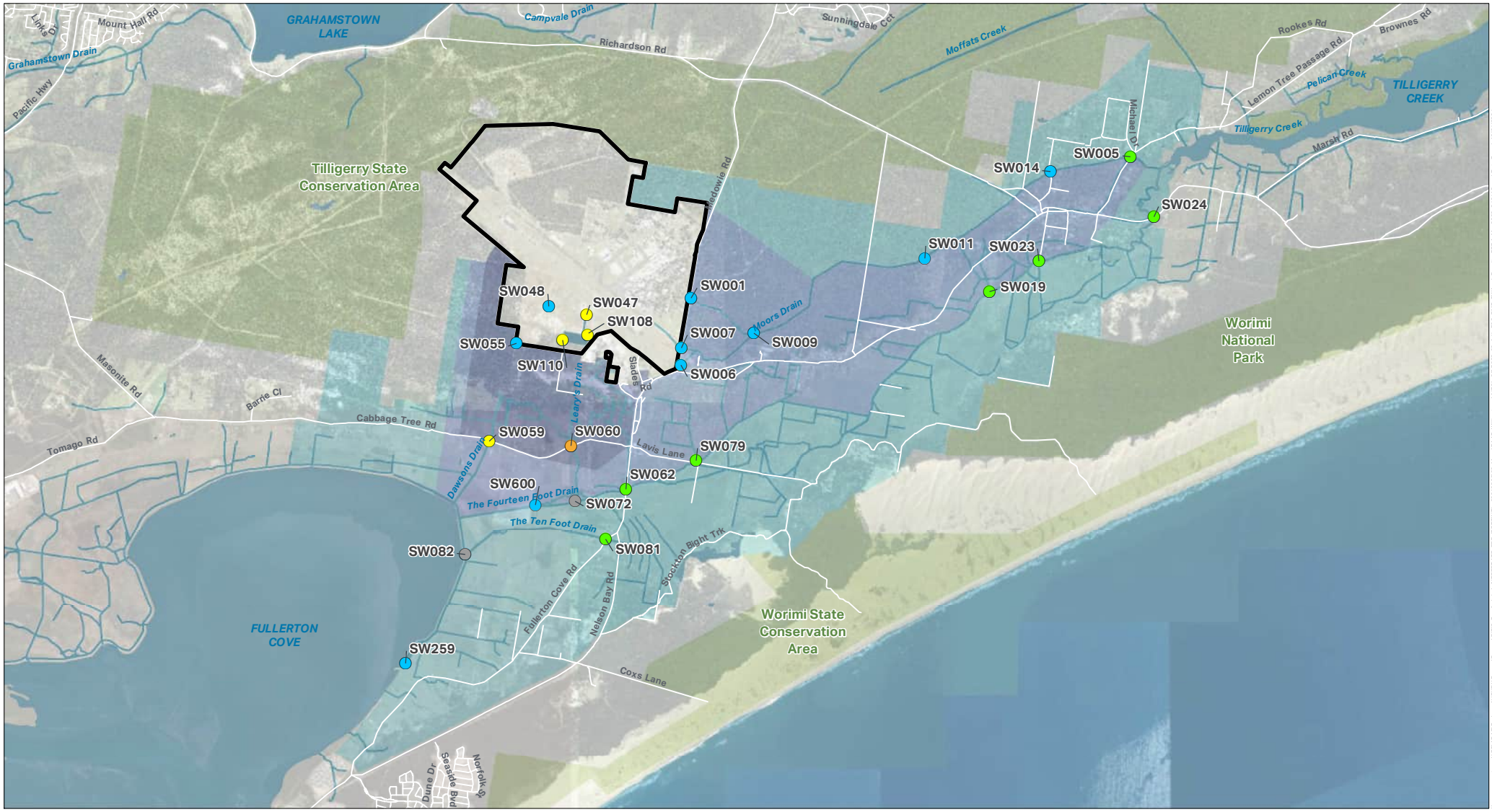

FIGURE F33: SURFACE WATER ANALYTICAL RESULTS – PFOA – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

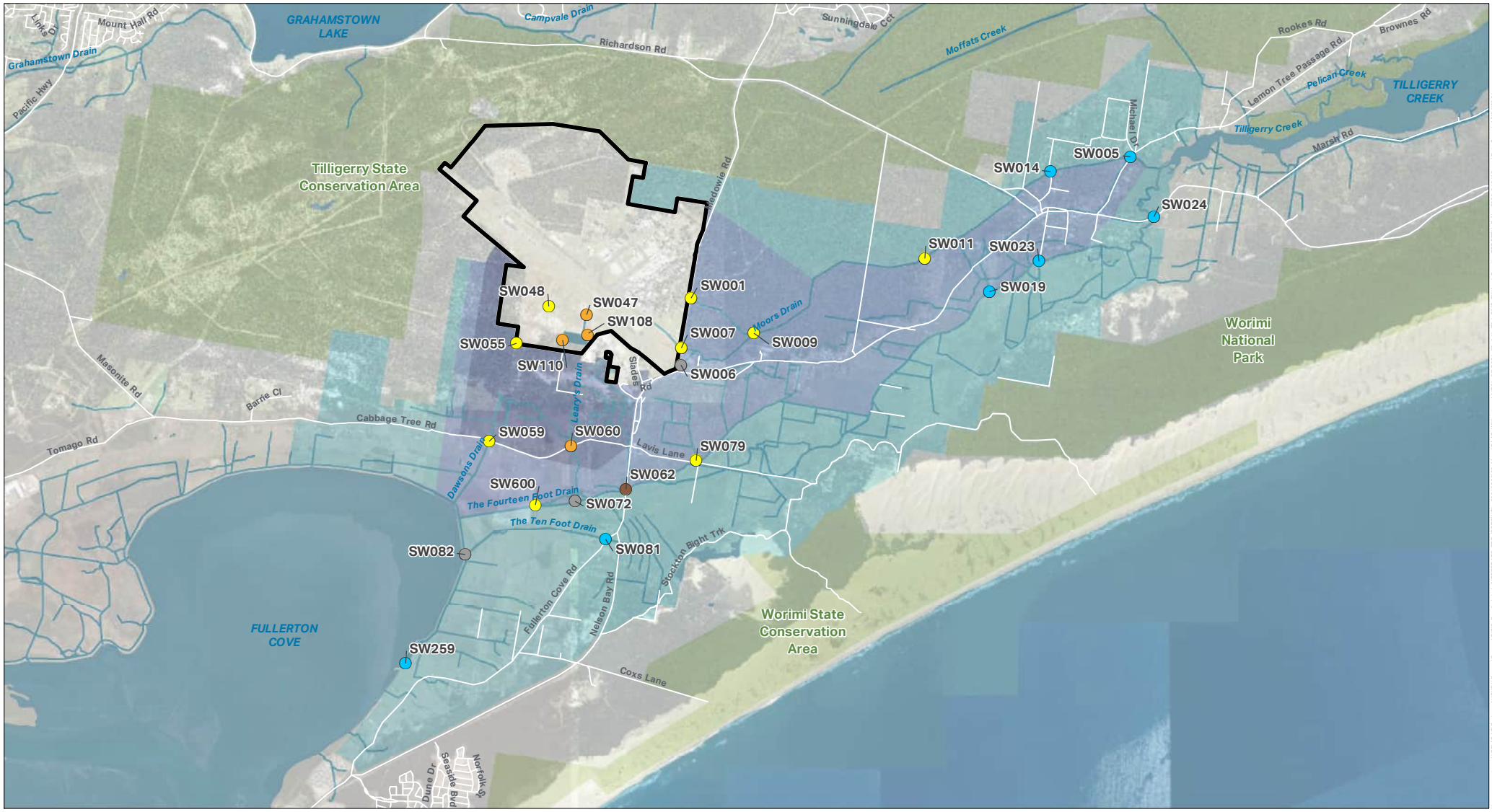

FIGURE F34: SURFACE WATER ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOS + PFHxS (µg/L)

- > 50
- > 10 - 50
- > 2 - 10
- > 0.1 - 2
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

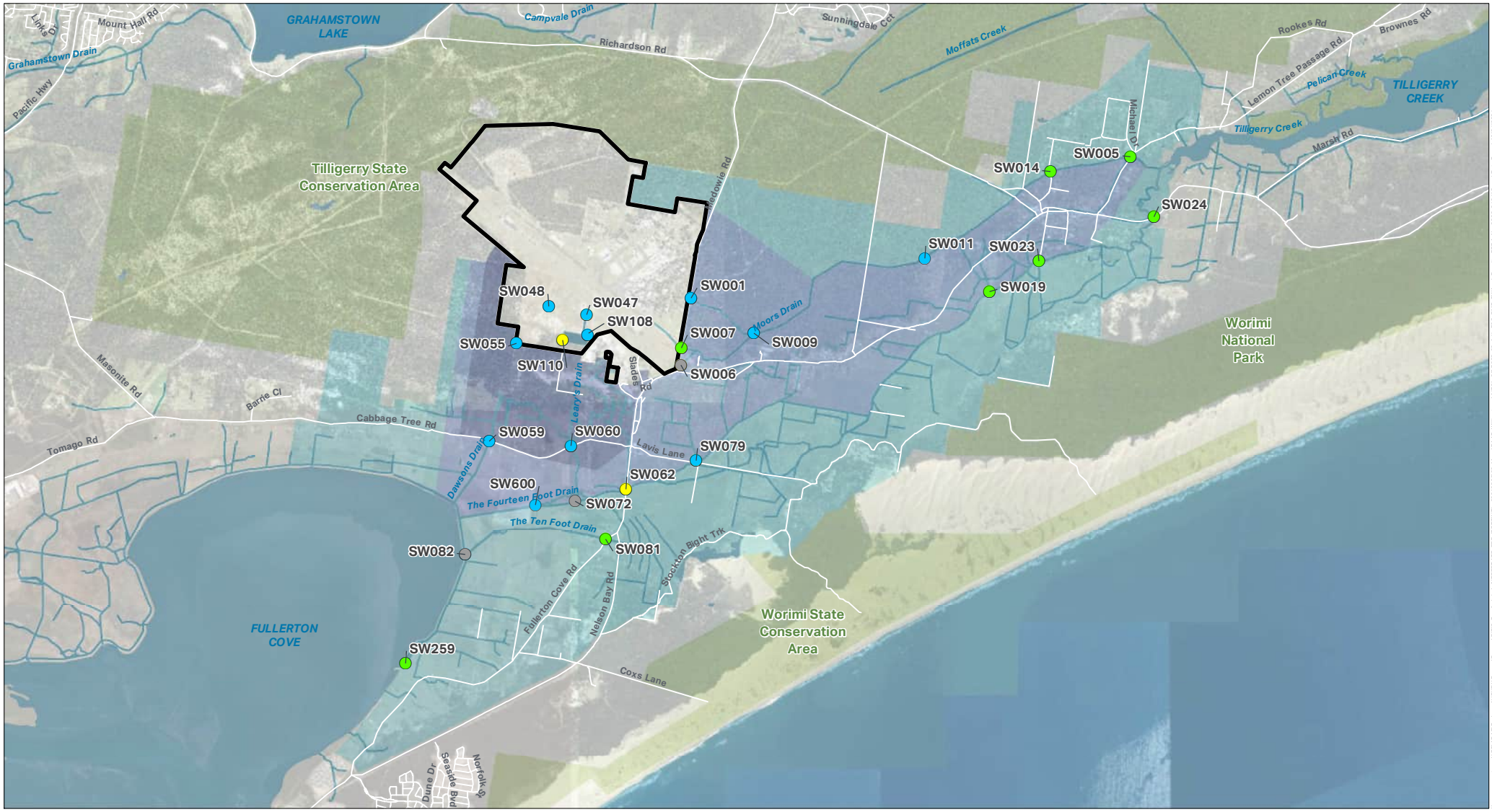

FIGURE F35: SURFACE WATER ANALYTICAL RESULTS – PFOA – NOV 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Surface Water PFOA (µg/L)

- > 50
- > 10 - 50
- > 0.56 - 10
- > 0.1 - 0.56
- Limit of Reporting - 0.1
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

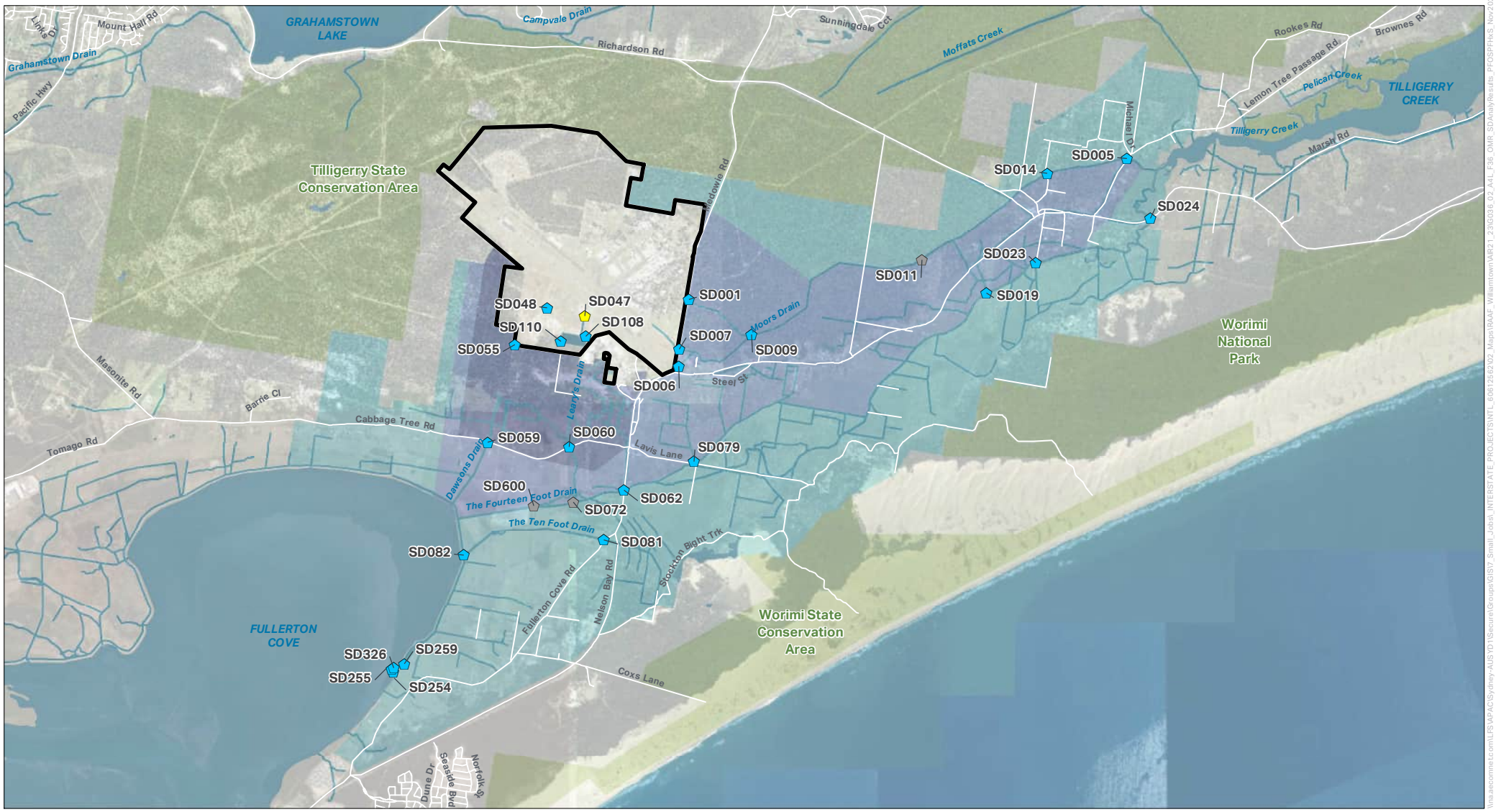

FIGURE F36: SEDIMENT ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

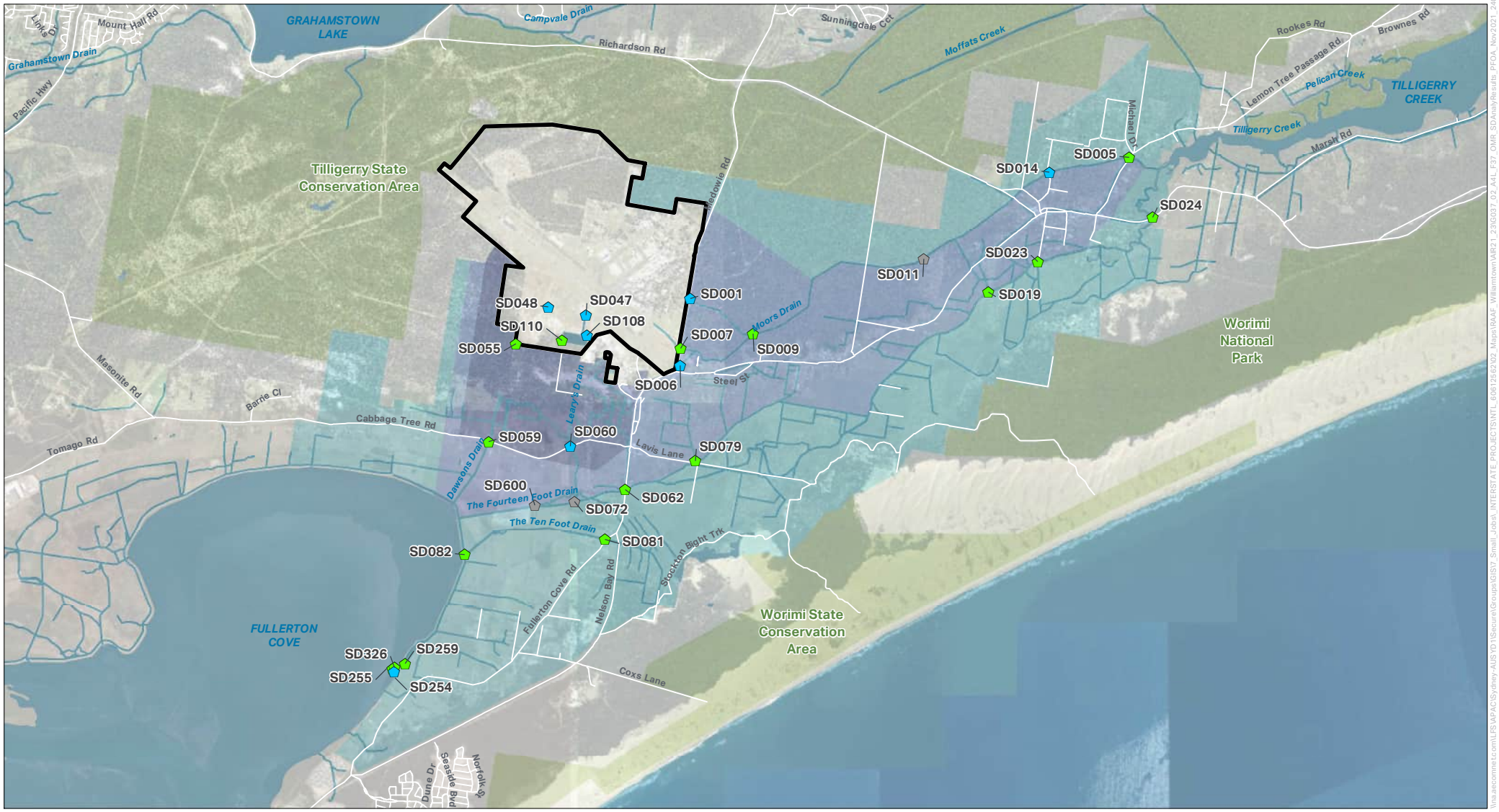

FIGURE F37: SEDIMENT ANALYTICAL RESULTS – PFOA – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOA (mg/kg)

- > 50
- > 10 -50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

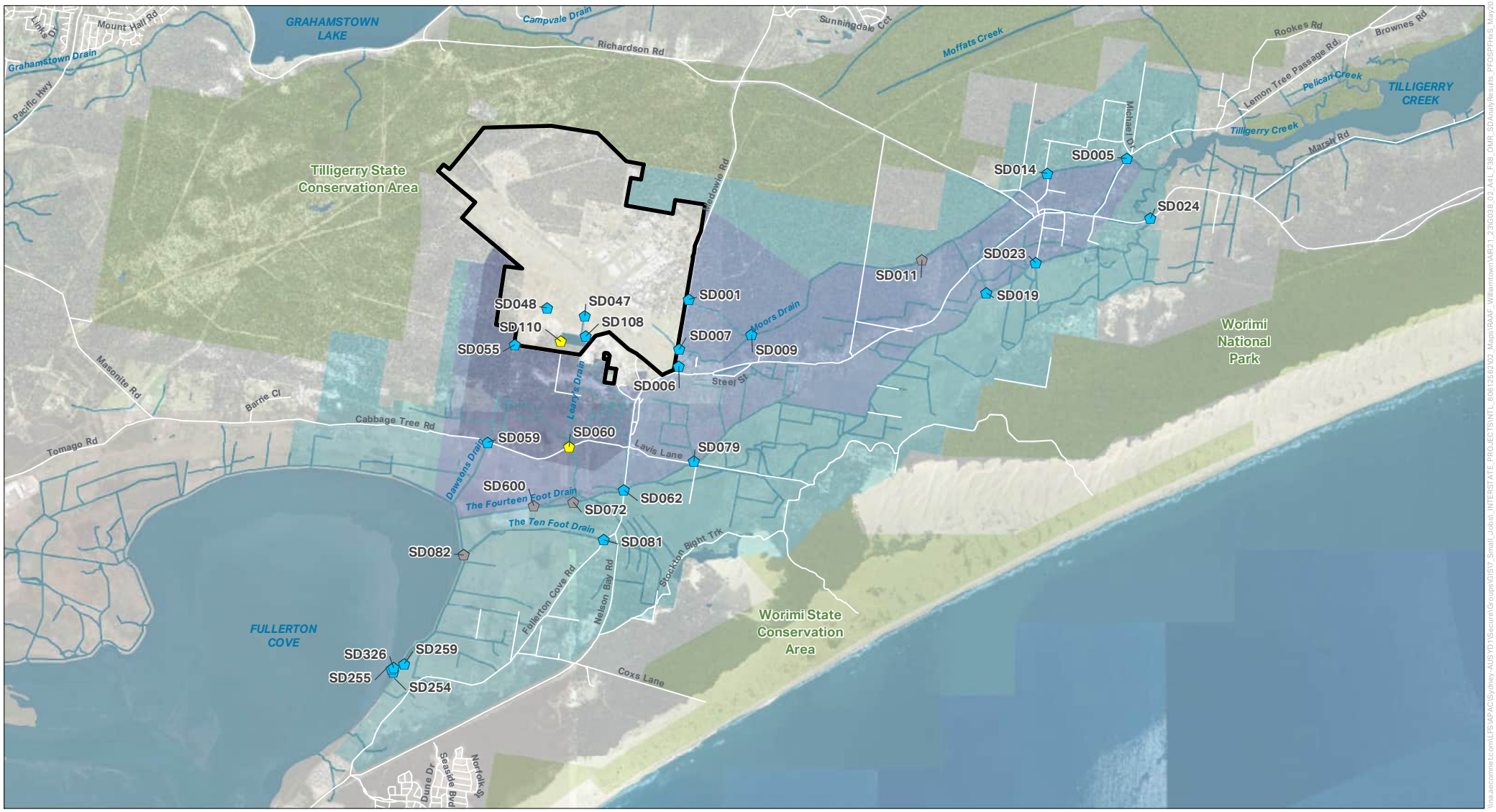

FIGURE F38: SEDIMENT ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

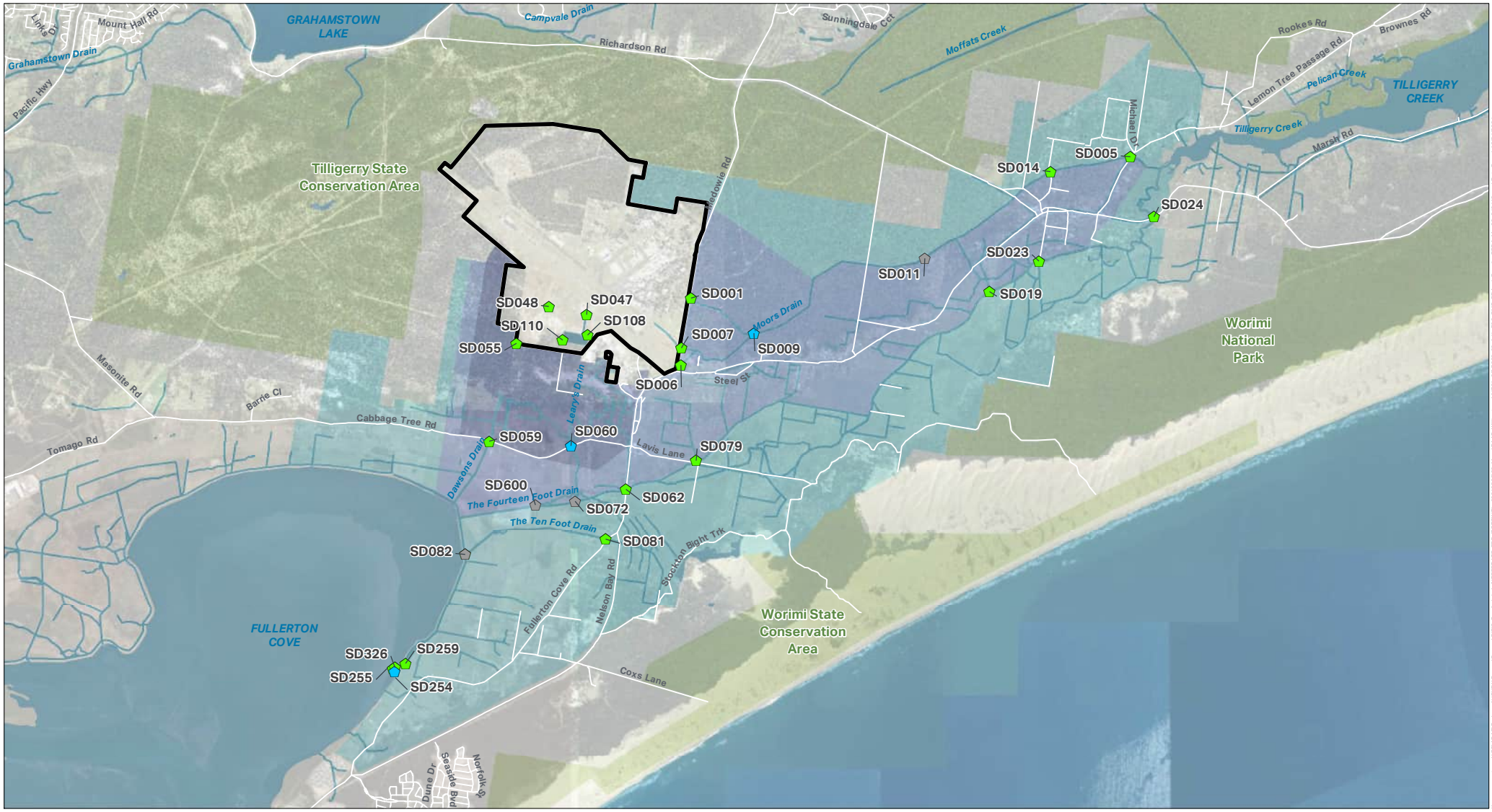

FIGURE F39: SEDIMENT ANALYTICAL RESULTS – PFOA – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOA (mg/kg)

- > 50
- > 10 -50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

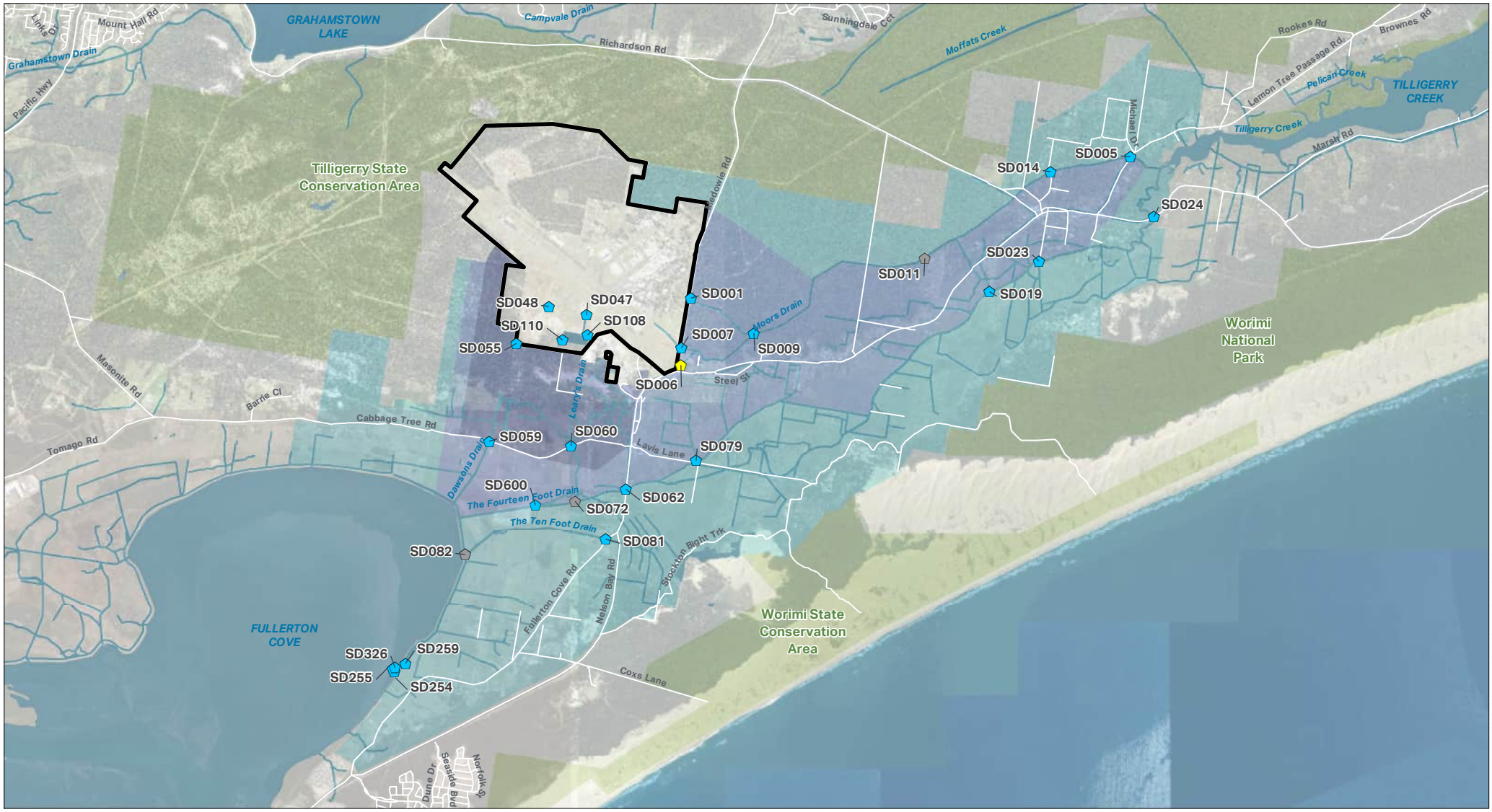

FIGURE F40: SEDIMENT ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

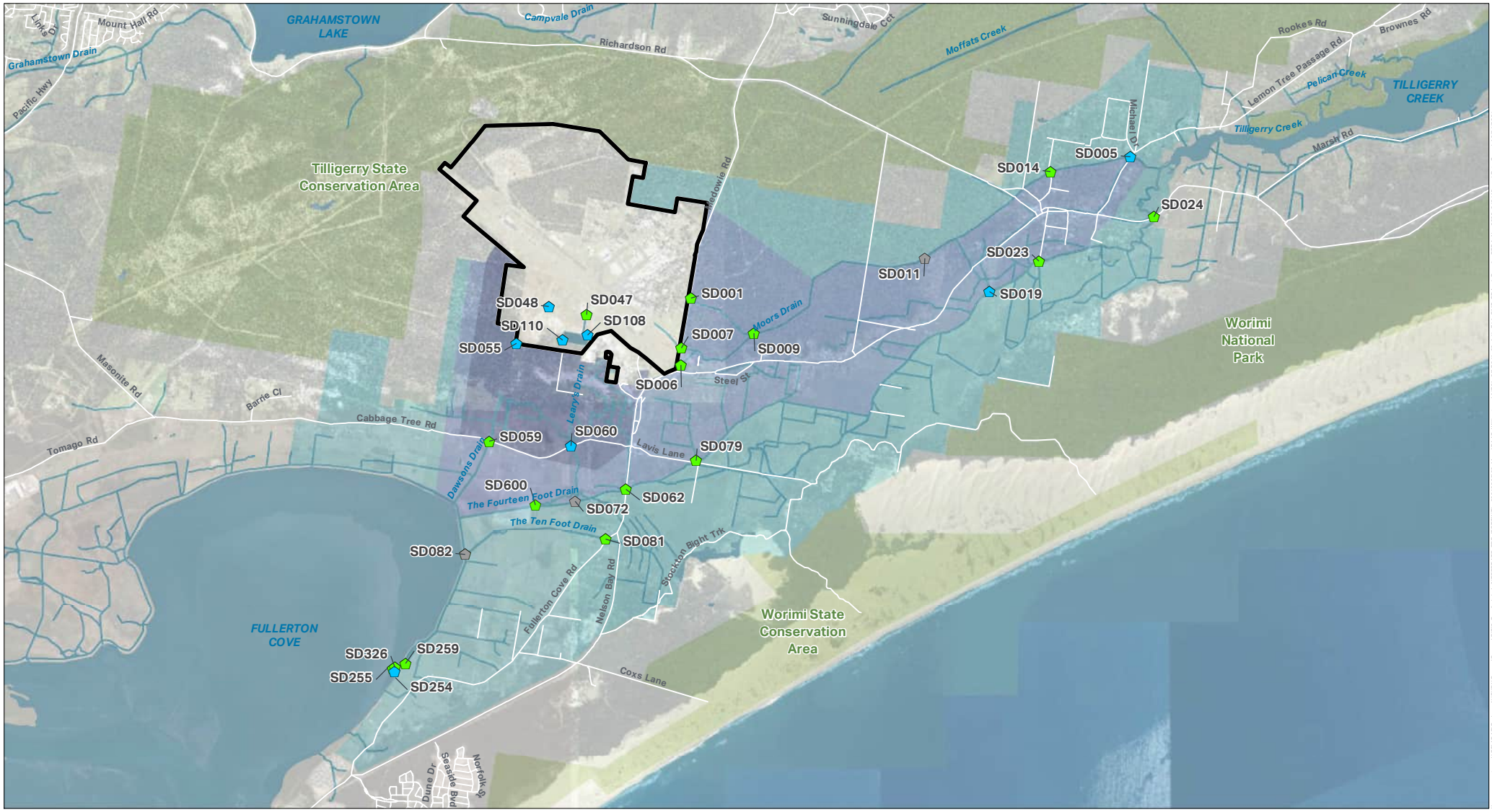

FIGURE F41: SEDIMENT ANALYTICAL RESULTS – PFOA – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOA (mg/kg)

- > 50
- > 10 -50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

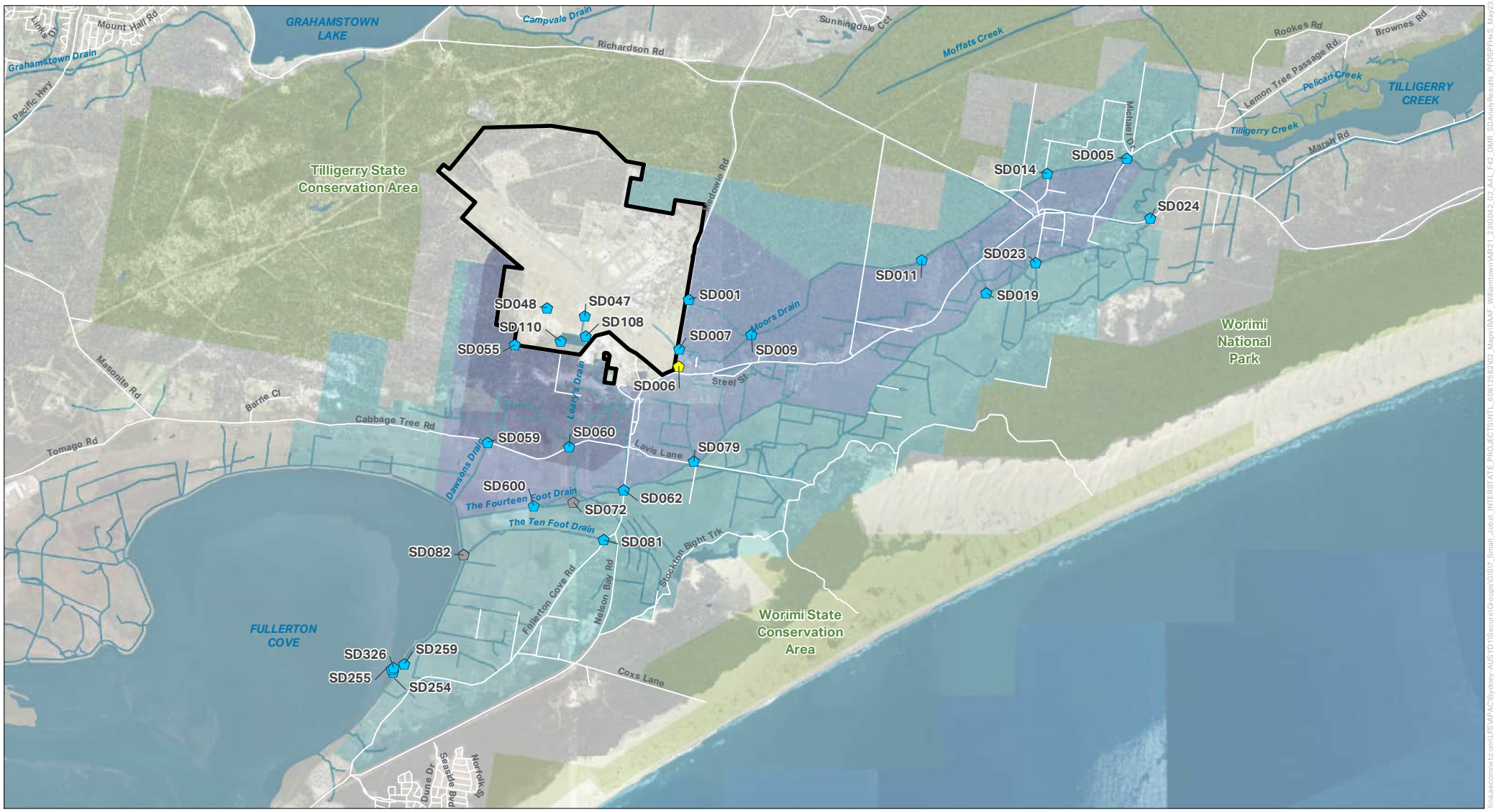

FIGURE F42: SEDIMENT ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

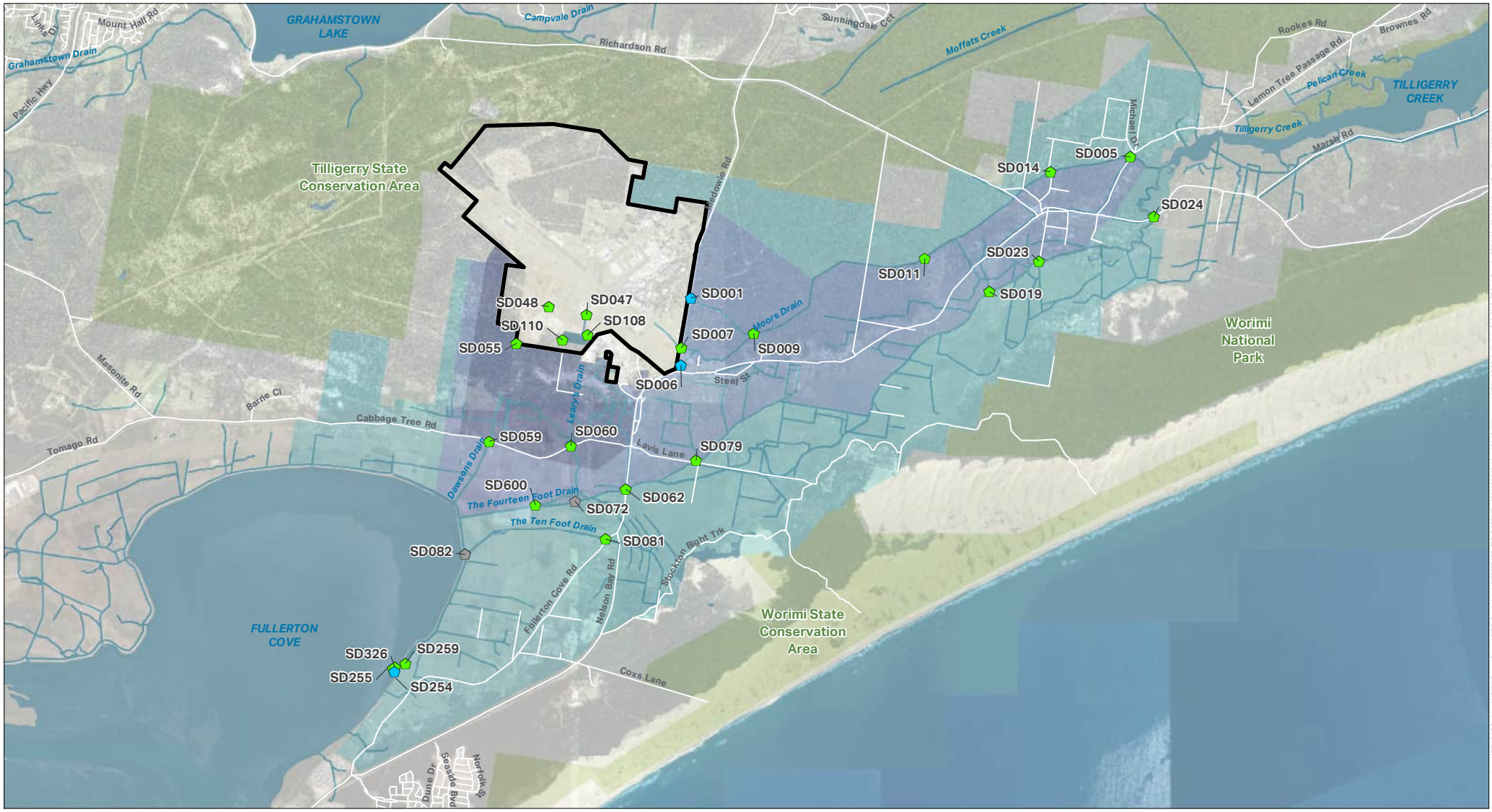

FIGURE F43: SEDIMENT ANALYTICAL RESULTS – PFOA – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOA (mg/kg)

- > 50
- > 10 -50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

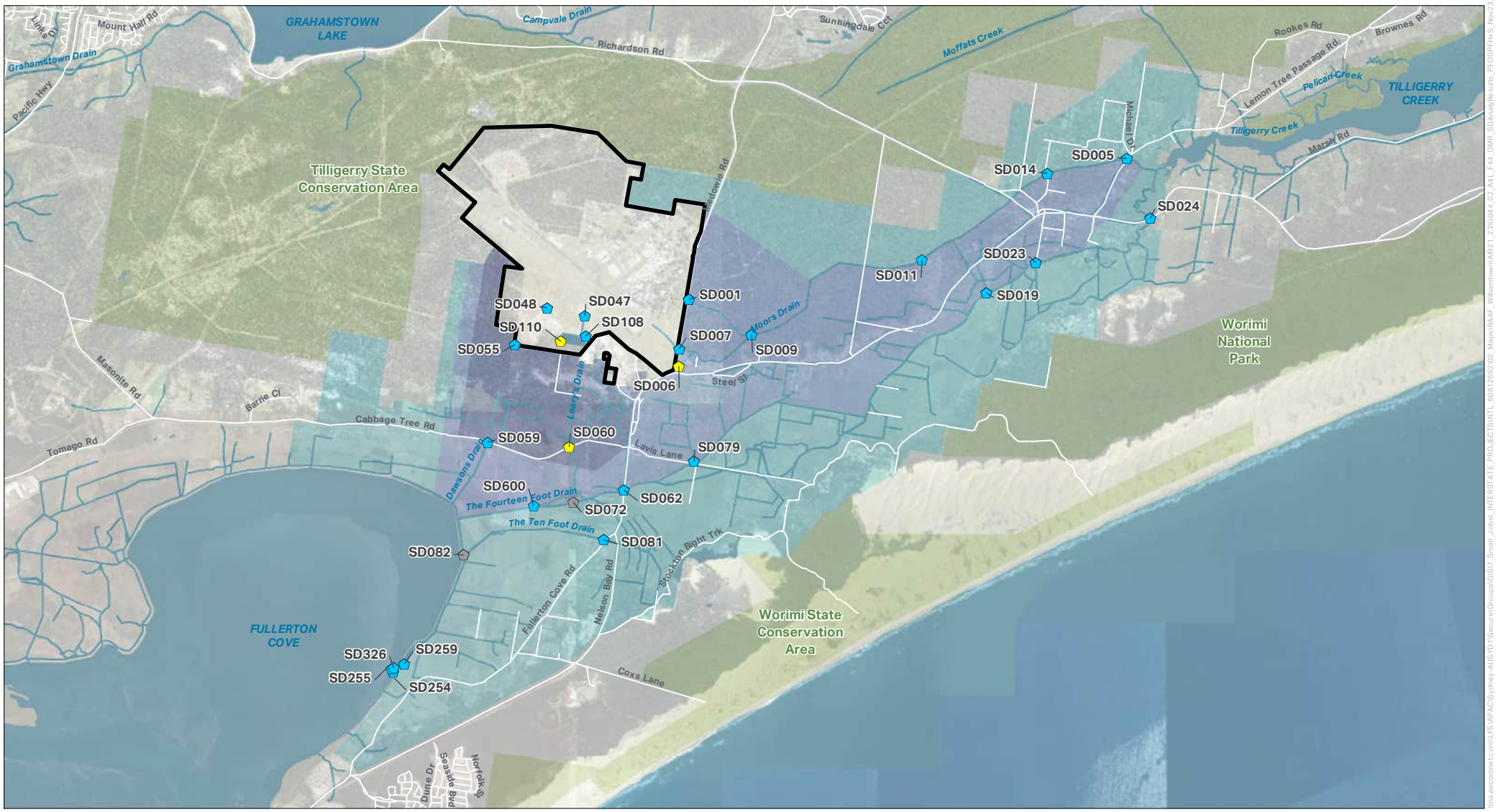

FIGURE F44: SEDIMENT ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

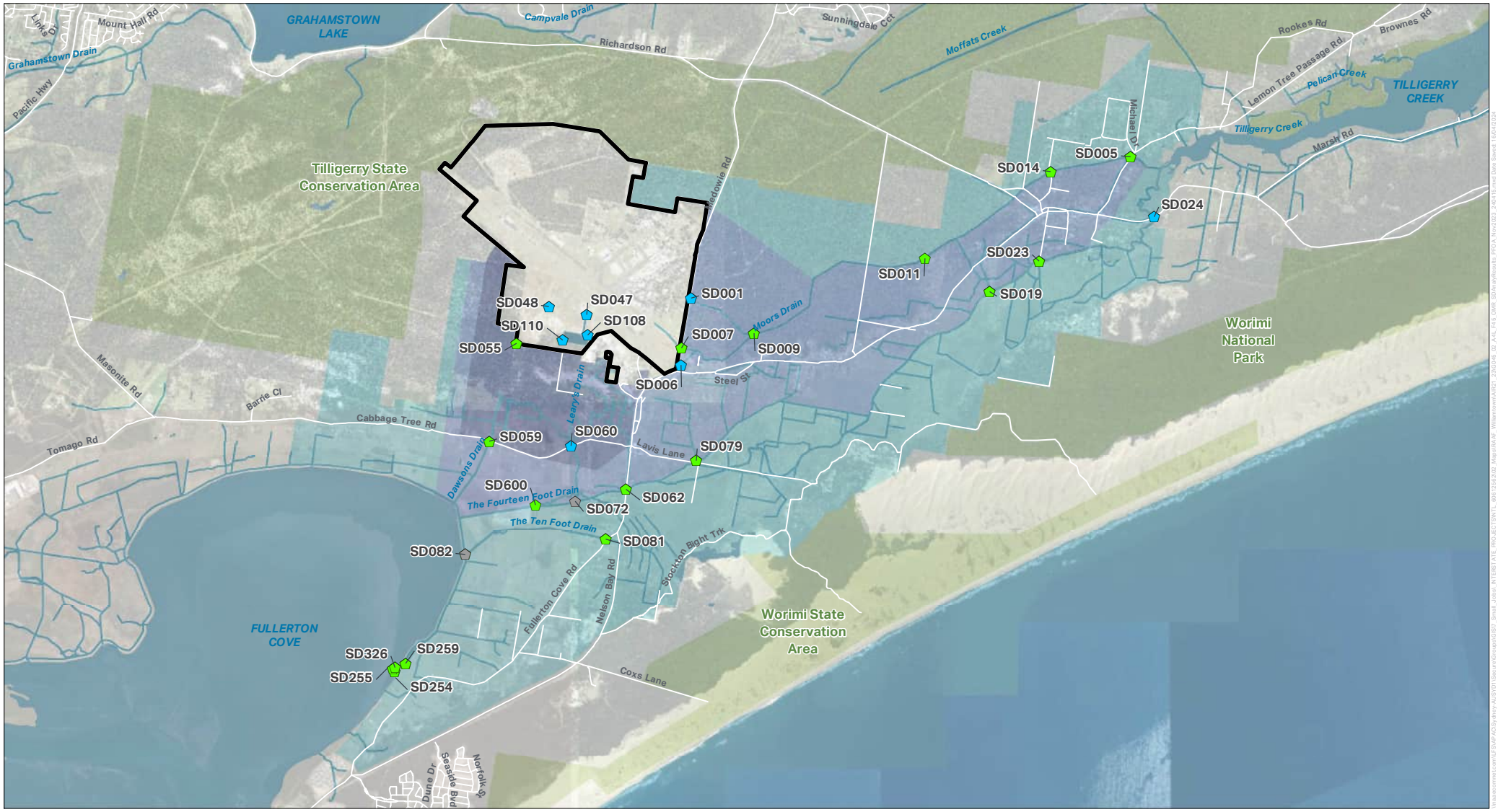

FIGURE F45: SEDIMENT ANALYTICAL RESULTS – PFOA – NOV 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Sediment - PFOA (mg/kg)

- > 50
- > 10 -50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

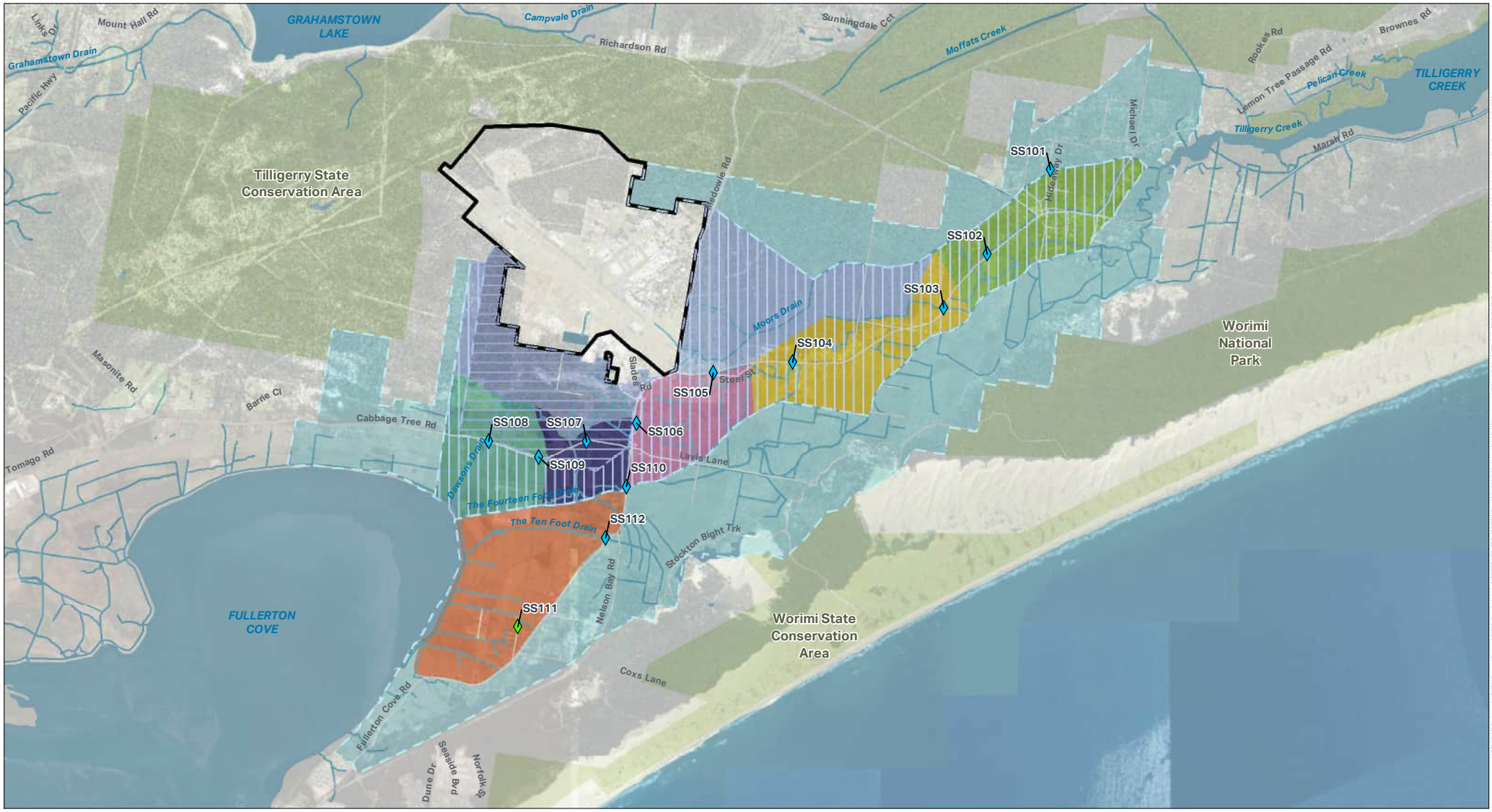

FIGURE F46: SOIL ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

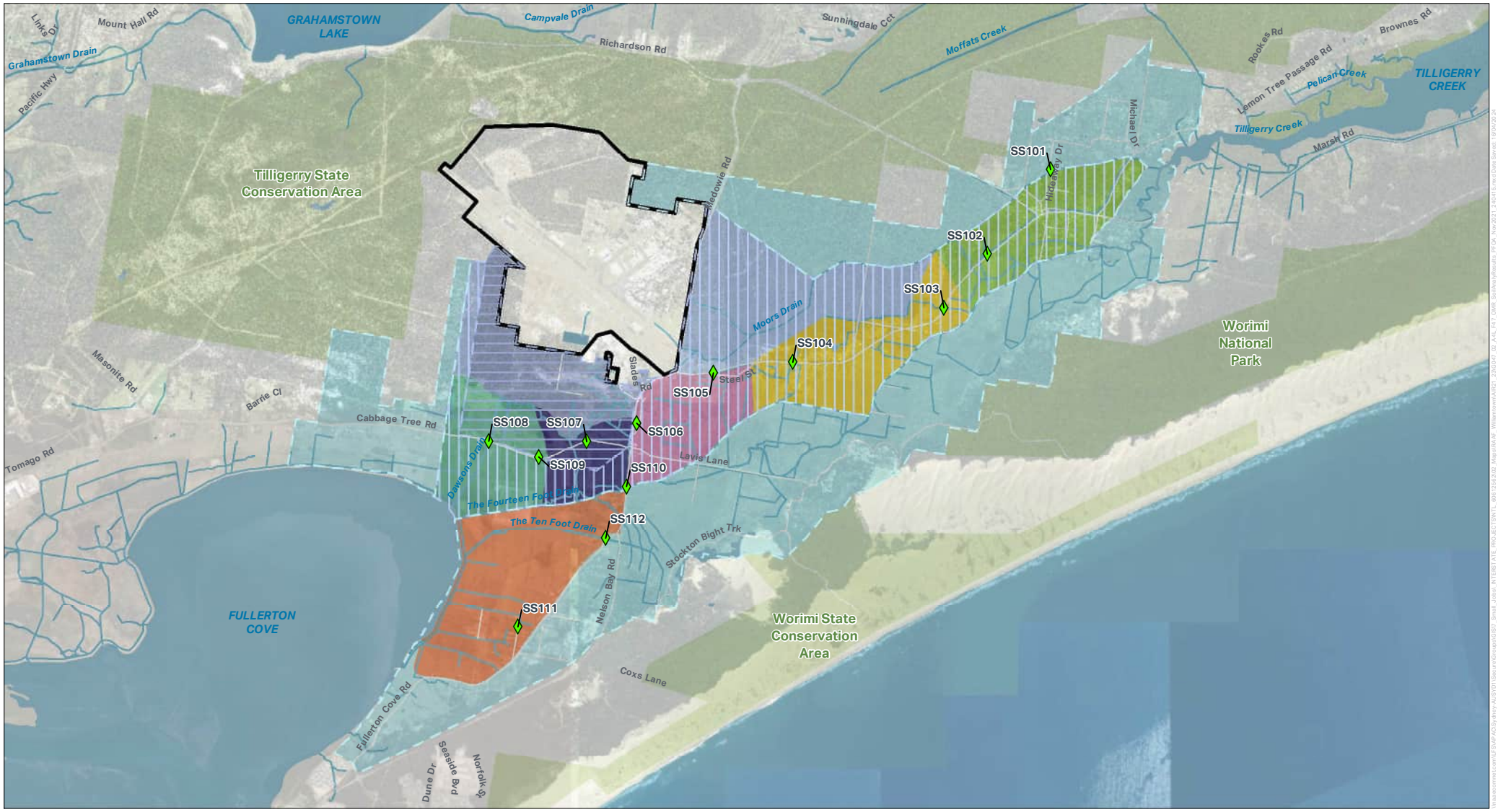

FIGURE F47: SOIL ANALYTICAL RESULTS – PFOA – NOV 2021

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOA (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

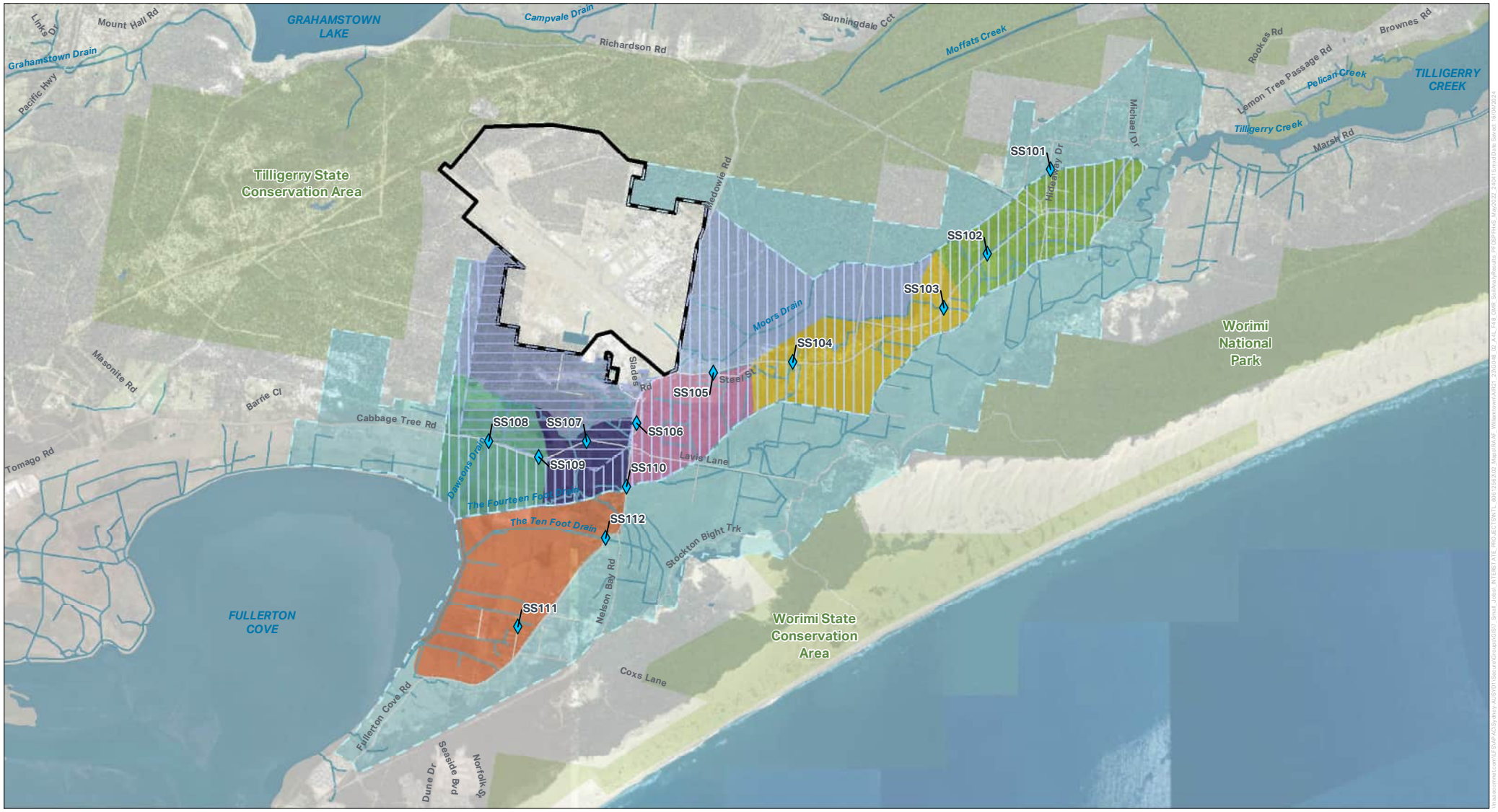

FIGURE F48: SOIL ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

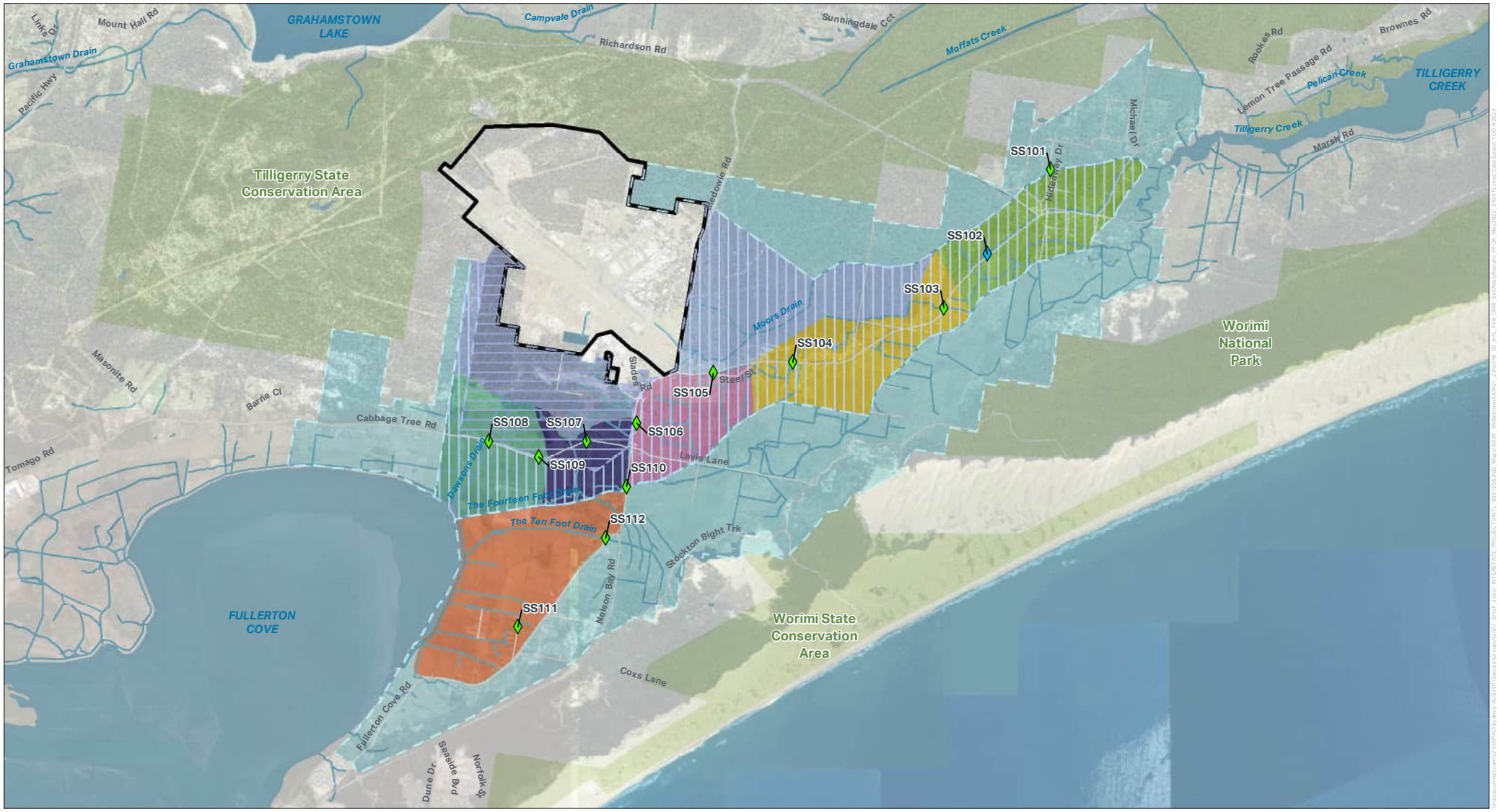

FIGURE F49: SOIL ANALYTICAL RESULTS – PFOA – MAY 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOA (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

PROJECT
PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

CLIENT
DEPARTMENT OF DEFENCE

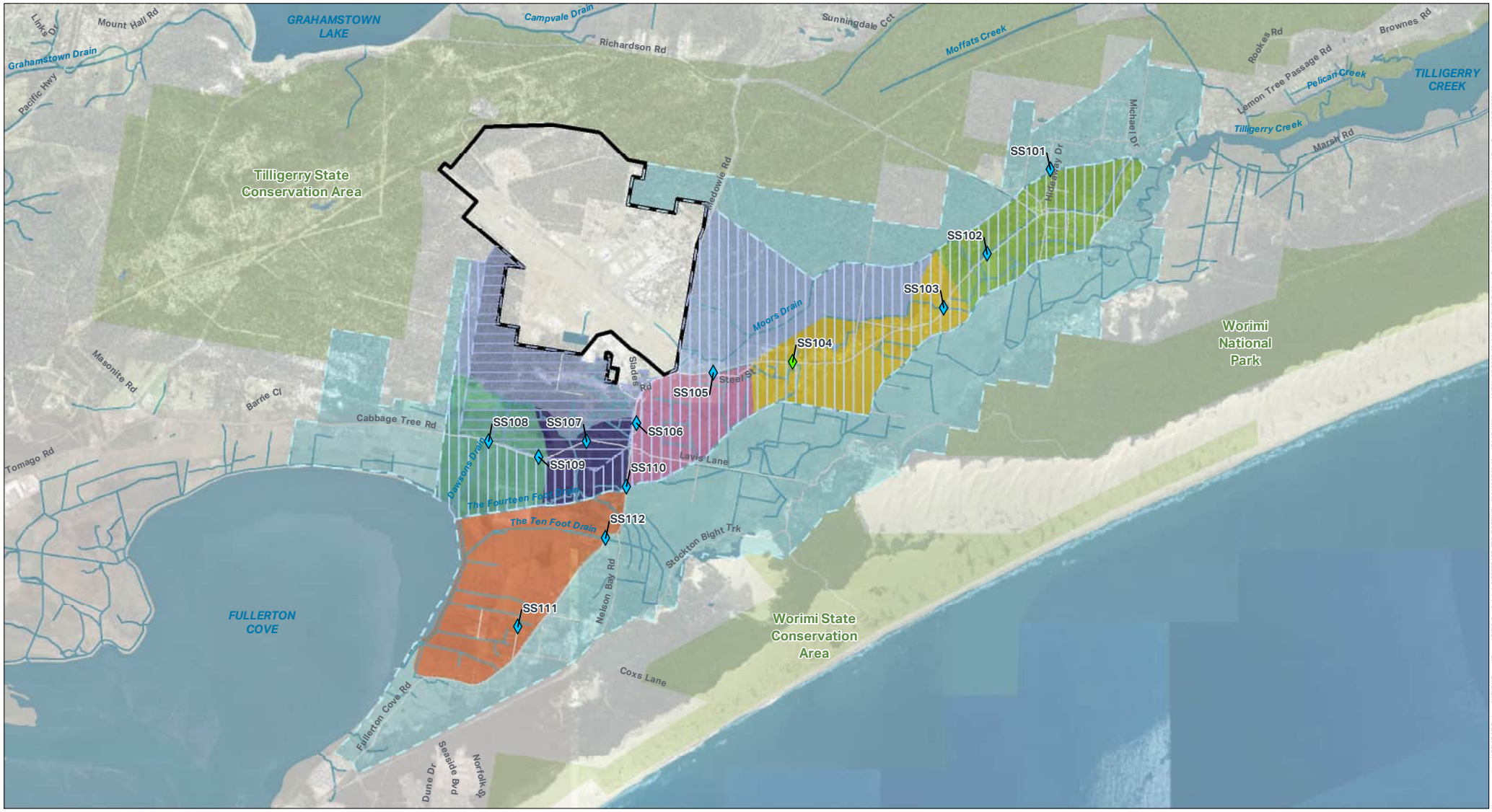

FIGURE F50: SOIL ANALYTICAL RESULTS – PFOS+PFHxS – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

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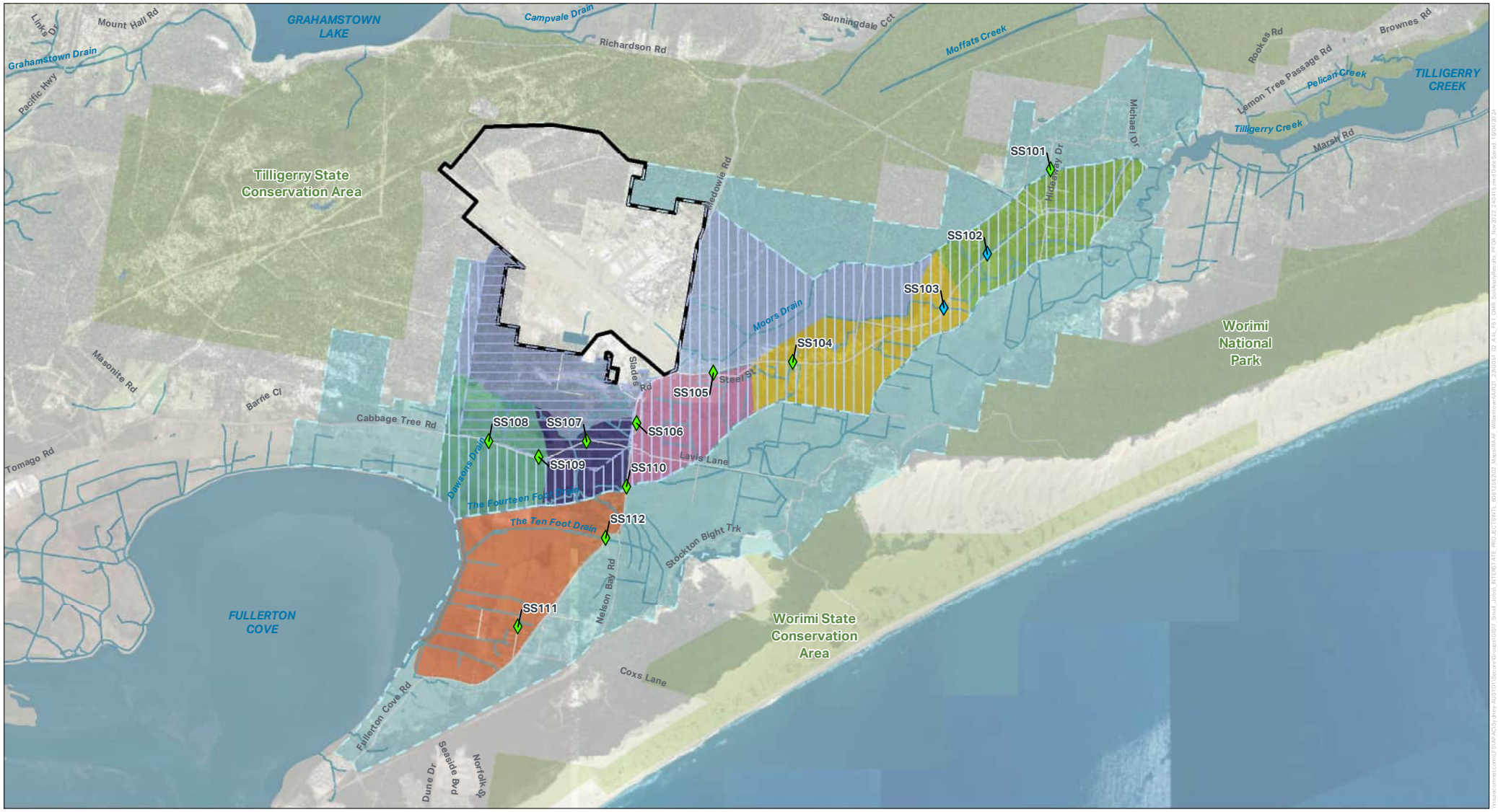

FIGURE F51: SOIL ANALYTICAL RESULTS – PFOA – NOV 2022

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOA (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
ONGOING MONITORING REPORT (JULY 2021 - DECEMBER 2023)

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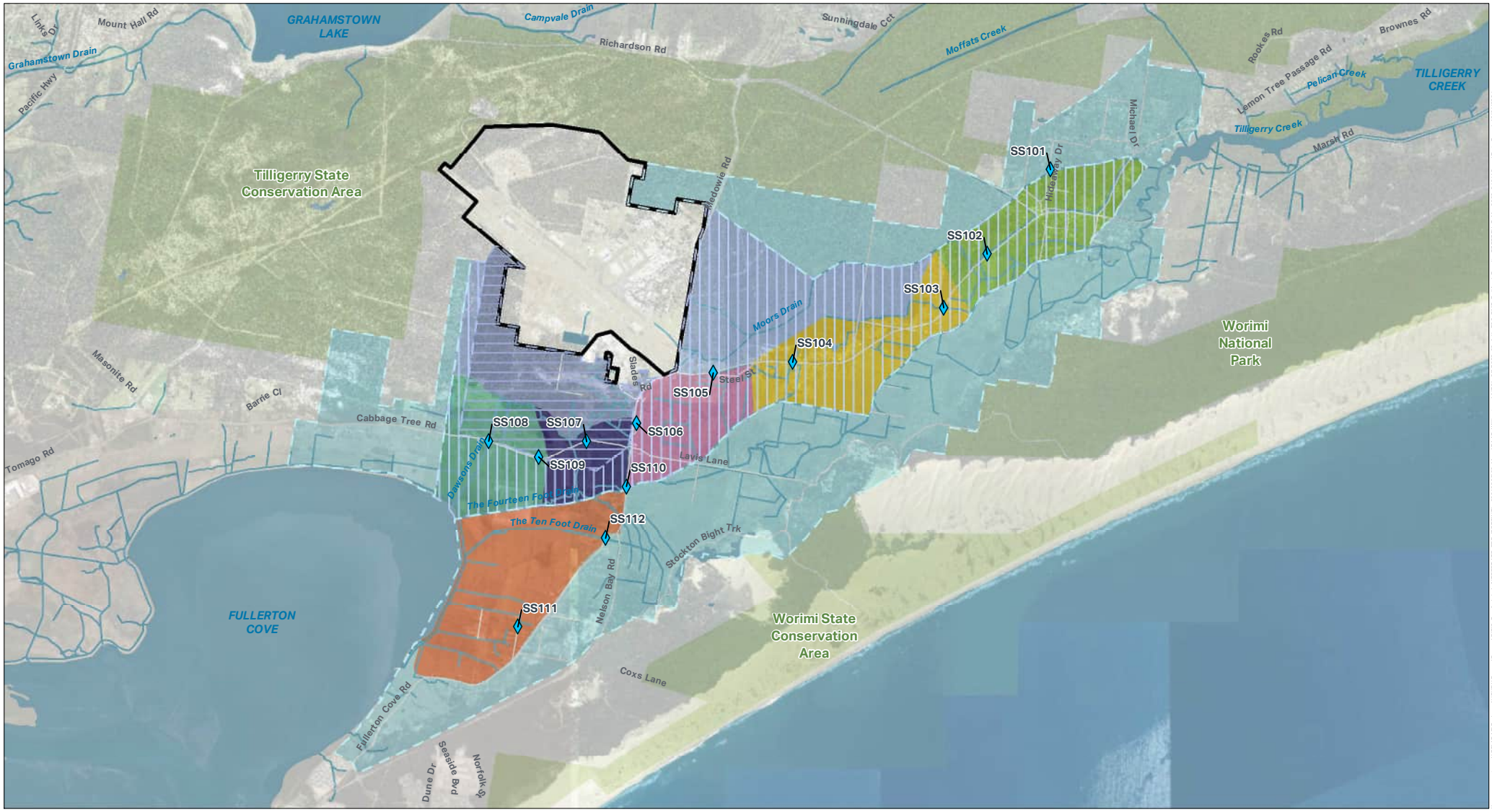

FIGURE F52: SOIL ANALYTICAL RESULTS – PFOS+PFHxS – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOS + PFHxS (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

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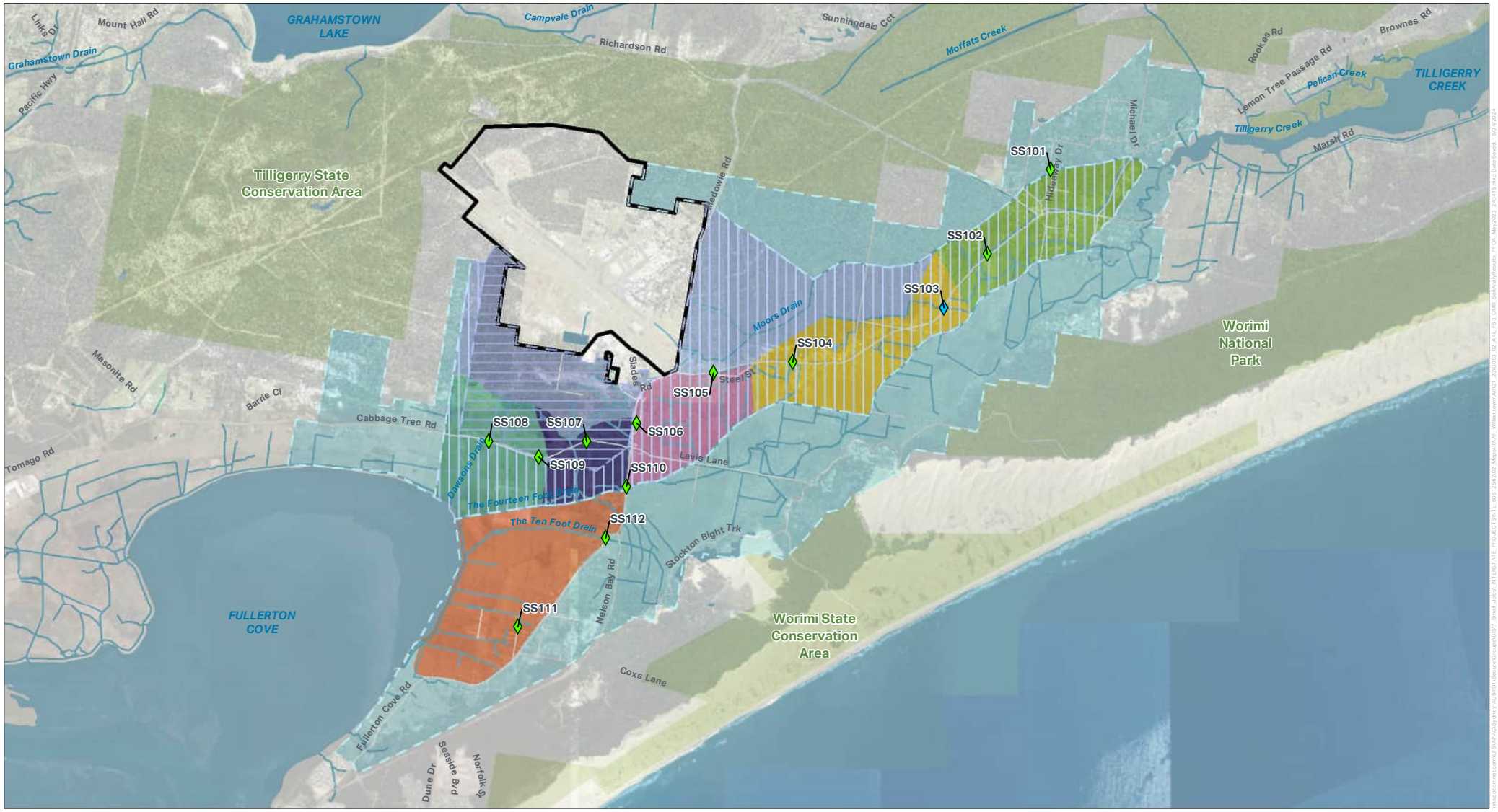

FIGURE F53: SOIL ANALYTICAL RESULTS – PFOA – MAY 2023

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Management Zone
- National Parks and Reserves
- Watercourse

Soil - PFOA (mg/kg)

- > 50
- > 10 - 50
- > 0.2 - 10
- Limit of Reporting - 0.2
- < Limit of Reporting
- Not Sampled/Accessed or in Scope

Flood Sampling Area

- 1
- 2
- 3
- 4
- 5
- 6

N

0 1 2 km

AECOM

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PFAS OMP - 60612562
RAAF BASE WILLIAMTOWN
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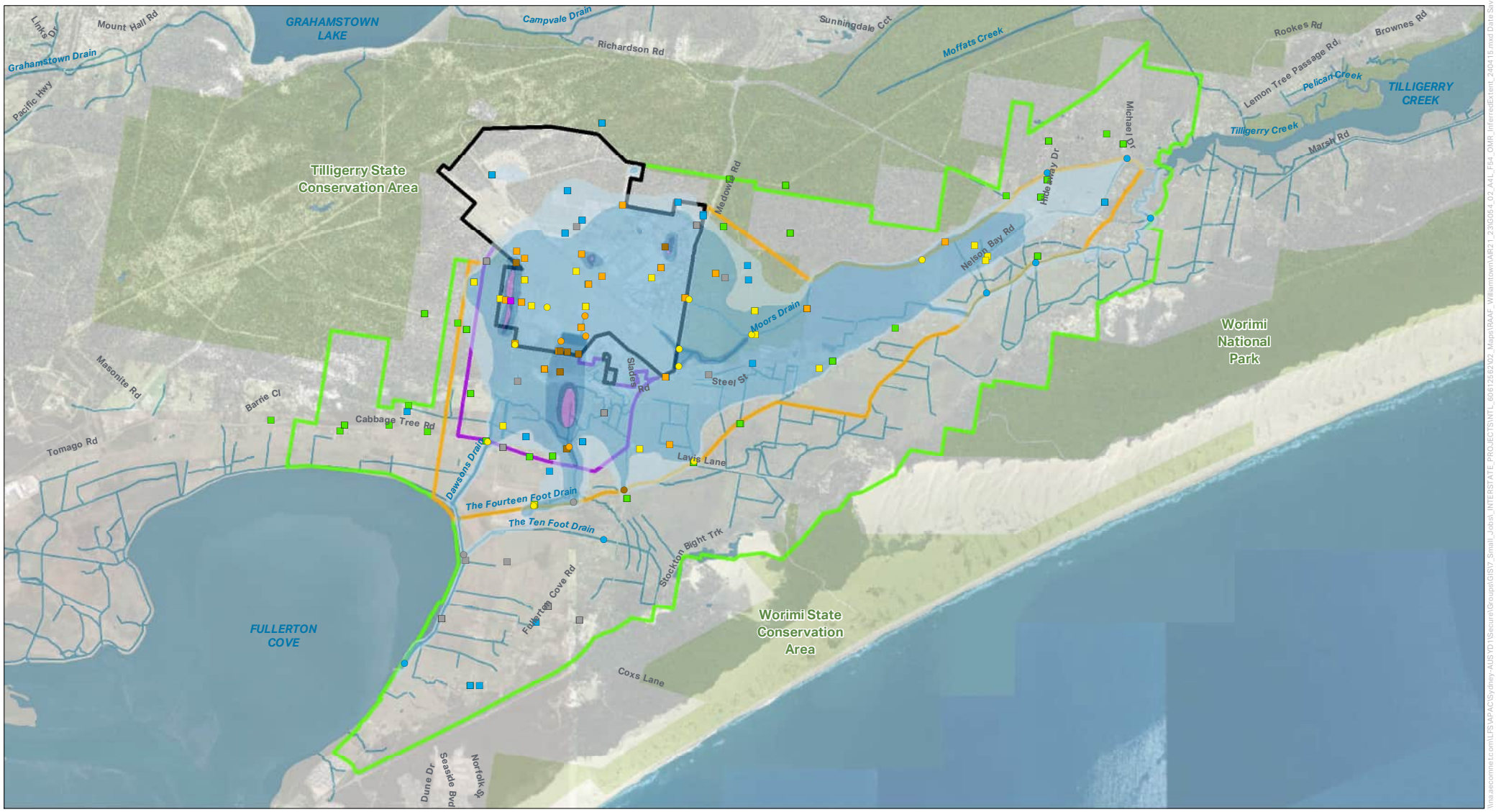

FIGURE F54: INFERRED EXTENT OF GROUNDWATER IMPACTS – PFOS+PFHxS

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- National Parks and Reserves
- Watercourse

Interpreted PFOS + PFHxS Concentration Ranges (µg/L)

- >100
- >50 - 100
- >10 - 50
- >0.07 - 10
- > Limit of Reporting - 0.07

GW PFOS + PFHxS Concentration (ug/L) 2023

- > 50
- > 10 - 50
- > 1 -10
- > 0.07 - 1
- Limit of Reporting - 0.07
- < Limit of Reporting
- Location Not Sampled

SW - PFOS + PFHxS Concentration (ug/L) 2023

- > 50
- > 10 - 50
- > 1 -10
- > 0.07 - 1
- Limit of Reporting - 0.07
- < Limit of Reporting
- Location Not Sampled

N

0 1 2 km

AECOM

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Note: the inferred extent of high concentration PFAS plumes as presented are based on historical (2020 – 2021) data.

Appendix B

Tables

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW103D	MW103_D	6.444	14.5	16.0	15.0	26/05/2022 15:09	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW103D	MW103_D	6.444	14.5	16.0	n/a	18/05/2023 11:15	n/a	n/a	n/a	Unable to access due to dense bushland and wet/overgrown tracks.
MW103S	MW103_S	6.572	2.0	5.0	4.0	26/05/2022 15:11	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW103S	MW103_S	6.572	2.0	5.0	n/a	18/05/2023 11:15	n/a	n/a	n/a	Unable to access due to dense bushland and wet/overgrown tracks.
MW104D	MW104_D	3.919	18.5	20.0	19.0	17/05/2022 8:38	1.560	2.359	20.08	Good condition.
MW104D	MW104_D	3.919	18.5	20.0	18.5	17/05/2023 8:50	1.772	2.147	20.50	Good condition. Ant nest in gatic.
MW104S	MW104_S	3.955	3.5	5.0	4.0	17/05/2022 8:26	1.590	2.365	4.68	Good condition.
MW104S	MW104_S	3.955	3.5	5.0	3.5	17/05/2023 8:25	1.809	2.146	4.69	Good condition. Ant nest in gatic.
MW106D	MW106_D	4.770	18.5	20.0	19.0	8/11/2021 12:33	1.309	3.461	19.60	Good condition.
MW106D	MW106_D	4.770	18.5	20.0	19.0	23/11/2021 8:37	1.140	3.630	19.57	Selected Gauging round.
MW106D	MW106_D	4.770	18.5	20.0	19.0	24/05/2022 8:45	0.900	3.870	19.56	Good condition.
MW106D	MW106_D	4.770	18.5	20.0	19.0	2/06/2022 11:59	1.040	3.730	-	Selected gauging round
MW106D	MW106_D	4.770	18.5	20.0	18.5	8/11/2022 15:51	1.190	3.580	19.56	Good condition.
MW106D	MW106_D	4.770	18.5	20.0	-	11/11/2022 9:06	1.201	3.569	-	Gauging visit only.
MW106D	MW106_D	4.770	18.5	20.0	18.5	8/05/2023 13:09	1.330	3.440	19.55	Targeted gauging event visit + sampling. Good condition. Grass covering gatic.
MW106D	MW106_D	4.770	18.5	20.0	18.5	23/11/2023 8:25	1.529	3.241	19.52	Good condition. Ants nest inside gatic.
MW106D	MW106_D	4.770	18.5	20.0	18.5	24/11/2023 7:54	1.515	3.255	19.52	Good condition. Targeted gauging round.
MW106S	MW106_S	4.678	3.5	5.0	3.8	8/11/2021 12:14	1.314	3.364	4.49	Good condition.
MW106S	MW106_S	4.678	3.5	5.0	3.8	23/11/2021 8:36	1.150	3.528	4.49	Selected Gauging round.
MW106S	MW106_S	4.678	3.5	5.0	3.8	24/05/2022 9:01	0.910	3.768	4.50	Good condition.
MW106S	MW106_S	4.678	3.5	5.0	3.8	2/06/2022 12:00	1.040	3.638	-	Selected gauging round
MW106S	MW106_S	4.678	3.5	5.0	3.5	8/11/2022 15:46	1.200	3.478	4.59	Good condition.
MW106S	MW106_S	4.678	3.5	5.0	-	11/11/2022 9:13	1.198	3.480	-	Gauging visit only.
MW106S	MW106_S	4.678	3.5	5.0	4.0	8/05/2023 12:43	1.342	3.336	4.49	Targeted gauging event visit + sampling. Good condition. HydraSleeve was lost down well, causing blockage. Unable to retrieve. Depth to blockage is 3.99 mbTOC. New HydraSleeve re-installed to 3.0m.
MW106S	MW106_S	4.678	3.5	5.0	4.0	23/11/2023 8:20	1.325	3.353	3.99	Good condition.
MW106S	MW106_S	4.678	3.5	5.0	4.0	24/11/2023 7:58	1.515	3.163	4.01	Good condition. Targeted gauging round.
MW107D	MW107_D	3.362	18.5	20.0	19.0	17/11/2021 9:06	0.060	3.302	20.02	Good condition.
MW107D	MW107_D	3.362	18.5	20.0	19.0	20/05/2022 9:47	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW107D	MW107_D	3.362	18.5	20.0	19.0	11/11/2022 11:16	0.000	3.362	19.94	Gatic full of water above top of casing and sediment. Drained prior to opening well cap, however some water ingress noted.
MW107D	MW107_D	3.362	18.5	20.0	18.5	12/05/2023 10:29	0.308	3.054	19.92	Good condition.
MW107D	MW107_D	3.362	18.5	20.0	18.5	23/11/2023 10:42	0.678	2.684	19.92	Ant nest in well, sand above TOC.
MW107S	MW107_S	3.322	2.0	5.0	4.0	17/11/2021 8:56	0.000	3.322	4.84	Good condition.
MW107S	MW107_S	3.322	2.0	5.0	4.0	20/05/2022 9:48	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW107S	MW107_S	3.322	2.0	5.0	3.5	11/11/2022 11:06	0.000	3.322	4.80	Gatic full of water above top of casing and sediment. Drained prior to opening well cap, however some water ingress noted.
MW107S	MW107_S	3.322	2.0	5.0	3.3	12/05/2023 10:30	0.255	3.067	4.79	Good condition.
MW107S	MW107_S	3.322	2.0	5.0	3.0	23/11/2023 10:45	0.634	2.688	4.78	Ant nest in well, sand above TOC.
MW108D	MW108_D	3.080	18.5	20.0	19.0	10/11/2021 12:50	0.420	2.660	19.59	Good condition.
MW108D	MW108_D	3.080	18.5	20.0	19.0	19/05/2022 10:52	0.210	2.870	19.58	Good condition.
MW108D	MW108_D	3.080	18.5	20.0	18.5	10/11/2022 10:21	0.385	2.695	19.80	Gatic lid loose, not bolted down.
MW108D	MW108_D	3.080	18.5	20.0	18.5	10/05/2023 10:48	0.448	2.632	19.58	Good condition.
MW108D	MW108_D	3.080	18.5	20.0	18.5	22/11/2023 14:15	0.650	2.430	19.60	Good condition.
MW108S	MW108_S	2.950	2.0	5.0	3.8	10/11/2021 13:02	0.330	2.620	4.32	Good condition.
MW108S	MW108_S	2.950	2.0	5.0	3.8	19/05/2022 11:03	0.955	1.995	4.34	Good condition.
MW108S	MW108_S	2.950	2.0	5.0	3.5	10/11/2022 10:14	0.300	2.650	4.34	Gatic lid loose, not bolted down.
MW108S	MW108_S	2.950	2.0	5.0	2.8	10/05/2023 10:57	0.365	2.585	4.34	Good condition.
MW108S	MW108_S	2.950	2.0	5.0	3.0	22/11/2023 14:00	0.535	2.415	4.35	Good condition. J-cap missing and replaced.
MW109D	MW109_D	3.157	18.5	20.0	3.0	16/11/2021 11:55	0.910	2.247	3.70	Well blocked.
MW109D	MW109_D	3.157	18.5	20.0	19.0	19/05/2022 10:00	0.950	2.207	2.63	Good condition.
MW109D	MW109_D	3.157	18.5	20.0	19.0	10/11/2022 9:29	1.053	2.104	2.89	Well likely blocked.
MW109D	MW109_D	3.157	18.5	20.0	18.0	26/05/2023 11:45	0.105	3.052	18.89	Good condition.
MW109D	MW109_D	3.157	18.5	20.0	18.0	22/11/2023 14:43	0.293	2.864	18.89	Good condition.
MW118		1.674	4.5	6.0	5.0	9/11/2021 12:28	0.482	1.192	5.94	Gatic sedimented.
MW118		1.674	4.5	6.0	5.0	17/05/2022 9:39	0.345	1.329	5.94	Good condition.
MW118		1.674	4.5	6.0	5.0	7/11/2022 12:35	0.430	1.244	5.92	Good condition.
MW118		1.674	4.5	6.0	n/a	9/05/2023 8:21	0.820	0.854	n/a	Poor condition. Gatic box damaged by roadworks. Well blocked at 0.915m. Blockage in well likely caused by HydraSleeve (unable to retrieve).
MW118		1.674	4.5	6.0	n/a	20/11/2023 13:58	0.765	0.909	-	Poor condition, well blocked. No Hydrasleeve in well. Well blocked at 0.97 m. To return to unblock.
MW118		1.674	4.5	6.0	n/a	27/11/2023 10:50	0.890	0.784	5.90	Good condition. Hydrasleeve retrieved. To return to install, after sediments settle.
MW118		1.674	4.5	6.0	4.5	28/11/2023 10:23	0.824	0.850	5.87	Good condition.
MW118		1.674	4.5	6.0	4.5	27/11/2023 15:27	-	n/a	-	New Hydrasleeve installed. To return to sample.
MW120		2.030	3.5	5.0	n/a	12/11/2021 7:30	n/a	n/a	n/a	Not found, buried under road material stockpile.
MW120		2.030	3.5	5.0	n/a	18/05/2022 14:38	n/a	n/a	n/a	Well buried under roadbase stockpile
MW121		1.589	4.5	6.0	5.0	9/11/2021 8:39	0.385	1.204	5.97	Good condition.
MW121		1.589	4.5	6.0	5.0	18/05/2022 14:12	0.210	1.379	5.96	Good condition.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW121		1.589	4.5	6.0	5.0	8/11/2022 11:50	0.370	1.219	5.97	Good condition.
MW121		1.589	4.5	6.0	4.5	9/05/2023 15:05	0.462	1.127	5.97	Good condition.
MW121		1.589	4.5	6.0	4.8	20/11/2023 14:53	0.751	0.838	5.97	Good condition.
MW122		1.851	5.5	7.0	n/a	9/11/2021 10:15	n/a	n/a	n/a	Not found. Likely buried beneath gravel / soil.
MW122		1.851	5.5	7.0	n/a	18/05/2022 13:05	0.832	1.019	6.96	Good condition.
MW122		1.851	5.5	7.0	n/a	1/06/2022 12:37	n/a	n/a	n/a	Selected gauging round. Well not found.
MW122		1.851	5.5	7.0	6.0	10/11/2022 15:05	1.071	0.780	6.96	Good condition.
MW122		1.851	5.5	7.0	-	11/11/2022 11:01	1.049	0.802	-	Gauging visit only.
MW122		1.851	5.5	7.0	n/a	8/05/2023 11:39	n/a	n/a	n/a	Targeted gauging event visit. Unable to locate.
MW122		1.851	5.5	7.0	6.0	19/05/2023 8:21	0.869	0.982	6.96	Revisited location to locate well (previously unable to locate). Good condition.
MW122		1.851	5.5	7.0	6.0	21/11/2023 10:52	1.620	0.231	6.96	Good condition.
MW122		1.851	5.5	7.0	6.0	24/11/2023 9:22	1.619	0.232	6.91	Good condition. Targeted gauging round.
MW123		1.524	4.5	6.0	5.0	9/11/2021 13:09	0.842	0.682	5.97	Good condition.
MW123		1.524	4.5	6.0	5.0	23/11/2021 12:58	0.500	1.024	5.97	Selected Gauging round.
MW123		1.524	4.5	6.0	5.0	18/05/2022 12:36	0.516	1.008	5.98	Good condition.
MW123		1.524	4.5	6.0	5.0	2/06/2022 10:41	0.530	0.994	-	Selected gauging round
MW123		1.524	4.5	6.0	5.0	8/11/2022 11:20	0.906	0.618	5.97	Good condition.
MW123		1.524	4.5	6.0	-	11/11/2022 11:41	0.961	0.563	-	Gauging visit only.
MW123		1.524	4.5	6.0	n/a	8/05/2023 11:01	0.770	0.754	5.98	Targeted gauging event visit. Good condition.
MW123		1.524	4.5	6.0	5.0	9/05/2023 13:04	0.840	0.684	5.98	Good condition.
MW123		1.524	4.5	6.0	4.8	21/11/2023 13:02	1.164	0.360	5.95	Good condition.
MW123		1.524	4.5	6.0	4.8	24/11/2023 9:10	1.172	0.352	5.97	Good condition. Targeted gauging round.
MW124		2.420	6.0	7.5	6.8	9/11/2021 15:46	1.052	1.368	7.40	Good condition.
MW124		2.420	6.0	7.5	6.8	23/11/2021 9:37	0.845	1.575	7.40	Selected Gauging round.
MW124		2.420	6.0	7.5	6.8	16/05/2022 14:15	0.766	1.654	7.38	Gatic covered by soil, in construction area.
MW124		2.420	6.0	7.5	6.8	2/06/2022 13:50	0.750	1.670	-	Selected gauging round
MW124		2.420	6.0	7.5	6.5	9/11/2022 8:30	0.916	1.504	7.40	Good condition.
MW124		2.420	6.0	7.5	-	11/11/2022 10:15	0.928	1.492	-	Gauging visit only.
MW124		2.420	6.0	7.5	6.5	9/05/2023 14:50	1.080	1.340	7.39	Good condition.
MW124		2.420	6.0	7.5	6.5	21/11/2023 14:20	1.447	0.973	7.38	Good condition. Ants nest inside gatic.
MW124		2.420	6.0	7.5	6.5	24/11/2023 10:42	1.450	0.970	7.38	Good condition. Targeted gauging round.
MW125D	MW125_D	2.173	18.5	20.0	19.5	9/11/2021 14:33	1.241	0.932	20.26	Gatic lid cannot be closed due to height of J-cap.
MW125D	MW125_D	2.173	18.5	20.0	19.5	23/11/2021 10:01	1.000	1.173	20.25	Selected Gauging round. Gatic lid cannot be closed due to height of J-cap. Gatic flooded below TOC.
MW125D	MW125_D	2.173	18.5	20.0	19.5	31/05/2022 12:06	n/a	n/a	n/a	Well buried under soil stockpile (roadworks)
MW125D	MW125_D	2.173	18.5	20.0	19.5	2/06/2022 13:08	n/a	n/a	n/a	Selected gauging round. Well not found, buried by soil from roadworks
MW125D	MW125_D	2.173	18.5	20.0	19.0	9/11/2022 9:15	1.280	0.893	20.26	Gatic full of sediment, gatic lid not secured due to J-cap height.
MW125D	MW125_D	2.173	18.5	20.0	-	11/11/2022 10:10	1.336	0.837	-	Gauging visit only.
MW125D	MW125_D	2.173	18.5	20.0	n/a	8/05/2023 13:16	1.300	0.873	20.26	Targeted gauging event visit. Good condition. Gatic covered by soil.
MW125D	MW125_D	2.173	18.5	20.0	19.0	9/05/2023 14:35	1.290	0.883	20.26	Good condition.
MW125D	MW125_D	2.173	18.5	20.0	19.3	21/11/2023 15:10	1.652	0.521	20.26	Good condition.
MW125D	MW125_D	2.173	18.5	20.0	19.3	24/11/2023 10:32	1.659	0.514	20.25	Good condition. Targeted gauging round.
MW125S	MW125_S	2.197	6.0	7.5	6.5	9/11/2021 14:49	1.290	0.907	7.48	Gatic lid cannot be closed due to J-cap height.
MW125S	MW125_S	2.197	6.0	7.5	6.5	31/05/2022 12:05	n/a	n/a	n/a	Well buried under soil stockpile (roadworks)
MW125S	MW125_S	2.197	6.0	7.5	6.5	2/06/2022 13:09	n/a	n/a	n/a	Selected gauging round. Well not found, buried by soil from roadworks
MW125S	MW125_S	2.197	6.0	7.5	6.5	9/11/2022 9:02	1.331	0.866	7.50	Gatic full of sediment, gatic lid not secured due to J-cap height.
MW125S	MW125_S	2.197	6.0	7.5	-	11/11/2022 10:09	1.295	0.902	-	Gauging visit only.
MW125S	MW125_S	2.197	6.0	7.5	n/a	8/05/2023 13:16	1.250	0.947	7.49	Targeted gauging event visit. Good condition. Gatic covered by soil.
MW125S	MW125_S	2.197	6.0	7.5	6.5	9/05/2023 14:32	1.330	0.867	7.49	Good condition.
MW125S	MW125_S	2.197	6.0	7.5	6.5	21/11/2023 14:55	1.690	0.507	7.48	Good condition.
MW125S	MW125_S	2.197	6.0	7.5	6.5	24/11/2023 10:36	1.700	0.497	7.49	Good condition. Targeted gauging round.
MW126D	MW126_D	1.794	18.5	20.0	19.7	9/11/2021 14:37	0.960	0.834	20.34	Good condition.
MW126D	MW126_D	1.794	18.5	20.0	19.7	23/11/2021 11:08	0.675	1.119	20.30	Selected Gauging round.
MW126D	MW126_D	1.794	18.5	20.0	19.7	31/05/2022 13:07	0.645	1.149	20.35	Good condition.
MW126D	MW126_D	1.794	18.5	20.0	19.7	2/06/2022 14:19	n/a	n/a	n/a	Selected gauging round. Unable to gauge due to roadworks
MW126D	MW126_D	1.794	18.5	20.0	17.8	9/11/2022 12:15	1.004	0.790	18.84	Good condition.
MW126D	MW126_D	1.794	18.5	20.0	-	11/11/2022 10:27	1.000	0.794	-	Gauging visit only.
MW126D	MW126_D	1.794	18.5	20.0	n/a	8/05/2023 12:09	0.888	0.906	20.46	Targeted gauging event visit. Good condition.
MW126D	MW126_D	1.794	18.5	20.0	19.0	11/05/2023 13:53	0.960	0.834	20.32	Good condition.
MW126D	MW126_D	1.794	18.5	20.0	19.5	23/11/2023 10:07	1.360	0.434	20.30	Good condition.
MW126D	MW126_D	1.794	18.5	20.0	19.5	24/11/2023 9:10	1.362	0.432	20.30	Good condition. Targeted gauging round.
MW126S	MW126_S	1.790	5.5	7.0	7.1	9/11/2021 14:33	0.946	0.844	7.25	Good condition.
MW126S	MW126_S	1.790	5.5	7.0	7.1	23/11/2021 11:07	0.670	1.120	6.46	Selected Gauging round.
MW126S	MW126_S	1.790	5.5	7.0	6.5	31/05/2022 13:16	0.635	1.155	6.47	Good condition.
MW126S	MW126_S	1.790	5.5	7.0	6.5	2/06/2022 14:20	n/a	n/a	n/a	Selected gauging round. Unable to gauge due to roadworks
MW126S	MW126_S	1.790	5.5	7.0	5.5	9/11/2022 12:26	0.993	0.797	6.47	Good condition.
MW126S	MW126_S	1.790	5.5	7.0	-	11/11/2022 10:25	1.000	0.790	-	Gauging visit only.
MW126S	MW126_S	1.790	5.5	7.0	n/a	8/05/2023 12:10	0.883	0.907	6.49	Targeted gauging event visit. Good condition.
MW126S	MW126_S	1.790	5.5	7.0	5.5	11/05/2023 13:45	0.950	0.840	6.47	Good condition.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW126S	MW126_S	1.790	5.5	7.0	5.5	23/11/2023 9:56	1.355	0.435	6.55	Good condition.
MW126S	MW126_S	1.790	5.5	7.0	5.5	24/11/2023 9:11	1.532	0.258	6.55	Good condition. Targeted gauging round.
MW128D	MW128_D	0.843	9.3	10.3	9.5	11/11/2021 13:53	0.155	0.688	10.45	Well cap missing.
MW128D	MW128_D	0.843	9.3	10.3	9.5	16/05/2022 11:38	0.060	0.783	10.44	Good condition.
MW128D	MW128_D	0.843	9.3	10.3	9.5	7/11/2022 12:31	0.210	0.633	10.45	Good condition.
MW128D	MW128_D	0.843	9.3	10.3	9.5	9/05/2023 11:40	0.222	0.621	10.45	Good condition. J-cap missing.
MW128D	MW128_D	0.843	9.3	10.3	n/a	21/11/2023 13:00	n/a	n/a	n/a	Unable to locate, grass overgrown.
MW128D	MW128_D	0.843	9.3	10.3	9.5	28/11/2023 10:43	0.659	0.184	10.44	Good condition.
MW128S	MW128_S	0.909	4.7	6.2	5.0	11/11/2021 10:43	0.931	-0.022	6.15	Dense / high grasses around gatic.
MW128S	MW128_S	0.909	4.7	6.2	5.0	16/05/2022 11:57	0.960	-0.051	6.16	Good condition.
MW128S	MW128_S	0.909	4.7	6.2	5.0	7/11/2022 12:18	0.940	-0.031	6.16	Good condition.
MW128S	MW128_S	0.909	4.7	6.2	5.0	9/05/2023 11:34	0.955	-0.046	6.17	Good condition.
MW128S	MW128_S	0.909	4.7	6.2	n/a	21/11/2023 13:10	n/a	n/a	n/a	Unable to locate, grass overgrown.
MW128S	MW128_S	0.909	4.7	6.2	5.0	28/11/2023 10:53	1.238	-0.329	6.15	Good condition.
MW130D	MW130_D	5.858	15.0	16.5	15.8	15/11/2021 13:51	0.230	5.628	16.50	Good condition.
MW130D	MW130_D	5.858	15.0	16.5	15.8	1/06/2022 10:07	0.000	5.858	16.49	Good condition.
MW130D	MW130_D	5.858	15.0	16.5	15.5	8/11/2022 13:30	0.235	5.623	16.49	Good condition.
MW130D	MW130_D	5.858	15.0	16.5	15.0	11/05/2023 13:50	0.755	5.103	16.47	Good condition.
MW130D	MW130_D	5.858	15.0	16.5	15.0	27/11/2023 12:28	1.103	4.755	16.48	Good condition.
MW130S	MW130_S	5.794	1.0	4.0	3.0	15/11/2021 14:05	0.180	5.614	3.84	Good condition.
MW130S	MW130_S	5.794	1.0	4.0	3.0	1/06/2022 10:03	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW130S	MW130_S	5.794	1.0	4.0	2.5	8/11/2022 13:20	0.170	5.624	3.84	Good condition.
MW130S	MW130_S	5.794	1.0	4.0	2.3	11/05/2023 13:53	0.795	4.999	3.84	Good condition.
MW130S	MW130_S	5.794	1.0	4.0	2.5	27/11/2023 12:24	1.046	4.748	3.83	Good condition.
MW132D	MW132_D	6.138	15.0	16.5	15.0	15/11/2021 11:52	2.362	3.776	16.23	Good condition.
MW132D	MW132_D	6.138	15.0	16.5	15.5	30/05/2022 13:53	1.710	4.428	16.22	Good condition.
MW132D	MW132_D	6.138	15.0	16.5	15.0	8/11/2022 13:07	2.150	3.988	16.21	Good condition.
MW132D	MW132_D	6.138	15.0	16.5	15.0	11/05/2023 11:55	2.685	3.453	16.18	Good condition.
MW132D	MW132_D	6.138	15.0	16.5	15.0	23/11/2023 14:03	2.947	3.191	16.10	Good condition.
MW132S	MW132_S	6.082	3.0	6.0	9.0	15/11/2021 12:03	2.359	3.723	9.83	Good condition.
MW132S	MW132_S	6.082	3.0	6.0	5.0	30/05/2022 13:39	1.710	4.372	9.79	Good condition.
MW132S	MW132_S	6.082	3.0	6.0	4.0	8/11/2022 13:11	2.125	3.957	9.80	Good condition.
MW132S	MW132_S	6.082	3.0	6.0	8.3	11/05/2023 12:03	2.665	3.417	9.79	Good condition.
MW132S	MW132_S	6.082	3.0	6.0	4.0	23/11/2023 14:16	2.805	3.277	9.78	Good condition. Ants nest inside gatic.
MW134D	MW134_D	8.750	18.5	20.0	19.0	18/11/2021 9:33	1.780	6.970	20.00	Good condition.
MW134D	MW134_D	8.750	18.5	20.0	19.0	30/05/2022 11:42	1.320	7.430	19.99	Good condition.
MW134D	MW134_D	8.750	18.5	20.0	19.0	14/11/2022 9:47	1.733	7.017	19.97	Good condition. Sand in gatic.
MW134D	MW134_D	8.750	18.5	20.0	18.5	12/05/2023 8:36	2.068	6.682	19.98	Good condition.
MW134D	MW134_D	8.750	18.5	20.0	18.8	22/11/2023 10:35	2.549	6.201	20.11	Good condition.
MW134I	MW134_I	8.710	10.0	11.5	10.5	18/11/2021 9:20	1.730	6.980	11.49	Good condition.
MW134I	MW134_I	8.710	10.0	11.5	10.5	30/05/2022 11:36	1.280	7.430	11.49	Good condition.
MW134I	MW134_I	8.710	10.0	11.5	10.5	14/11/2022 9:53	1.689	7.021	11.48	Good condition. Sand in gatic.
MW134I	MW134_I	8.710	10.0	11.5	10.0	12/05/2023 8:47	2.018	6.692	11.48	Good condition.
MW134I	MW134_I	8.710	10.0	11.5	10.3	22/11/2023 10:28	2.508	6.202	11.47	Good condition.
MW137		2.820	0.5	3.5	3.0	24/05/2022 15:35	0.470	2.350	3.35	Good condition.
MW137		2.820	0.5	3.5	2.5	18/05/2023 15:02	0.848	1.972	3.35	Good condition.
MW139		1.986	1.0	4.0	n/a	8/11/2021 12:00	n/a	n/a	n/a	Not accessible, resident did not confirm appointment.
MW139		1.986	1.0	4.0	n/a	31/05/2022 10:53	0.150	1.836	3.93	Good condition.
MW139		1.986	1.0	4.0	2.5	14/11/2022 12:50	0.250	1.736	3.95	Good condition.
MW139		1.986	1.0	4.0	2.5	15/05/2023 15:16	0.428	1.558	3.93	Good condition.
MW139		1.986	1.0	4.0	2.5	27/11/2023 10:53	0.665	1.321	3.88	Good condition.
MW140		2.270	0.6	3.6	3.1	16/05/2022 15:00	0.473	1.797	3.60	Good condition.
MW140		2.270	0.6	3.6	2.0	18/05/2023 14:41	1.669	0.601	3.57	Good condition.
MW146AD	MW146D_A	1.620	18.5	20.0	20.0	9/11/2021 15:52	0.801	0.819	20.22	Good condition.
MW146AD	MW146D_A	1.620	18.5	20.0	20.0	23/11/2021 10:49	0.460	1.160	20.21	Selected Gauging round.
MW146AD	MW146D_A	1.620	18.5	20.0	19.5	31/05/2022 12:23	0.430	1.190	20.19	Good condition.
MW146AD	MW146D_A	1.620	18.5	20.0	19.5	2/06/2022 14:19	n/a	n/a	n/a	Selected gauging round. Unable to gauge due to roadworks
MW146AD	MW146D_A	1.620	18.5	20.0	19.0	9/11/2022 10:35	0.810	0.810	20.19	Good condition. Under tall grass.
MW146AD	MW146D_A	1.620	18.5	20.0	-	11/11/2022 9:42	0.825	0.795	-	Gauging visit only.
MW146AD	MW146D_A	1.620	18.5	20.0	n/a	8/05/2023 12:24	0.752	0.868	20.21	Targeted gauging event visit. Good condition.
MW146AD	MW146D_A	1.620	18.5	20.0	19.0	9/05/2023 14:05	0.790	0.830	20.20	Good condition.
MW146AD	MW146D_A	1.620	18.5	20.0	19.0	23/11/2023 11:08	1.247	0.373	20.15	Good condition.
MW146AD	MW146D_A	1.620	18.5	20.0	19.0	24/11/2023 9:26	1.238	0.382	20.15	Good condition. Targeted gauging round.
MW146S	MW146_S	1.802	0.8	3.8	3.1	9/11/2021 15:55	0.971	0.831	3.80	Good condition.
MW146S	MW146_S	1.802	0.8	3.8	3.1	23/11/2021 10:48	0.610	1.192	3.80	Selected Gauging round.
MW146S	MW146_S	1.802	0.8	3.8	3.1	31/05/2022 12:35	n/a	n/a	n/a	Well not found, dense/tall grass
MW146S	MW146_S	1.802	0.8	3.8	3.1	2/06/2022 14:18	n/a	n/a	n/a	Selected gauging round. Unable to gauge due to roadworks
MW146S	MW146_S	1.802	0.8	3.8	2.5	9/11/2022 10:24	0.965	0.837	3.77	Good condition. Under tall grass.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW146S	MW146_S	1.802	0.8	3.8	-	11/11/2022 9:42	0.971	0.831	-	Gauging visit only.
MW146S	MW146_S	1.802	0.8	3.8	n/a	8/05/2023 12:25	0.752	1.050	3.78	Targeted gauging event visit. Good condition.
MW146S	MW146_S	1.802	0.8	3.8	2.8	9/05/2023 13:59	0.950	0.852	3.78	Good condition.
MW146S	MW146_S	1.802	0.8	3.8	2.0	24/11/2023 9:33	1.401	0.401	3.78	Missing gatic lid and J-cap, potential surface water ingress. Gatic lid and J cap replaced. Targeted gauging round and sampling. Hydrasleeve retrieved from base of well and in good conditon.
MW147D	MW147_D	0.810	23.7	26.7	25.7	17/05/2022 13:25	0.100	0.710	26.28	Good condition.
MW147D	MW147_D	0.810	23.7	26.7	24.0	15/05/2023 12:35	0.330	0.480	26.18	Good condition.
MW147S	MW147_S	0.710	1.0	4.0	3.5	17/05/2022 13:10	0.390	0.320	-	Good condition.
MW147S	MW147_S	0.710	1.0	4.0	2.5	15/05/2023 12:51	0.714	-0.004	4.21	Good condition.
MW150D	MW150_D	2.143	18.5	20.0	n/a	9/05/2023 9:14	0.732	1.411	20.27	HydraSleeve installation visit (well newly added to OMP). Good condition. Gatic box full of slimy sediment and roots. No HydraSleeve present. HydraSleeve installed at 18.5m
MW150D	MW150_D	2.143	18.5	20.0	18.5	10/05/2023 15:11	0.720	1.423	20.27	Good condition.
MW150S	MW150_S	2.111	0.6	3.6	n/a	9/05/2023 9:18	0.604	1.507	3.63	HydraSleeve installation visit (well newly added to OMP). Good condition. No HydraSleeve present. HydraSleeve installed at 2.5m
MW150S	MW150_S	2.111	0.6	3.6	2.5	10/05/2023 15:13	0.620	1.491	3.63	Good condition.
MW155	MW155, MW155D	7.960	1.5	3.8	3.3	30/05/2022 10:40	n/a	n/a	n/a	Well not accessed, blocked by pipes associated with construction work
MW155	MW155, MW155D	7.960	1.5	3.8	2.0	8/05/2023 12:16	1.004	6.956	3.45	Good condition. Gatic lid damaged, replaced. Gatic flooded below TOC.
MW156D	MW156_D	7.340	19.5	21.0	20.5	8/11/2021 15:22	1.226	6.114	21.66	Good condition.
MW156D	MW156_D	7.340	19.5	21.0	20.5	24/05/2022 10:47	0.760	6.580	21.63	Damaged gatic
MW156D	MW156_D	7.340	19.5	21.0	20.0	8/11/2022 11:06	1.270	6.070	21.64	Good condition.
MW156D	MW156_D	7.340	19.5	21.0	19.5	8/05/2023 9:42	1.567	5.773	21.64	Good condition.
MW156D	MW156_D	7.340	19.5	21.0	19.5	23/11/2023 9:14	1.944	5.396	21.65	Good condition.
MW158D	MW158_D	7.340	19.5	21.0	20.5	23/11/2021 14:46	0.325	7.015	20.27	Selected Gauging round.
MW158D	MW158_D	7.340	19.5	21.0	20.5	1/06/2022 10:46	0.000	7.340	20.28	Good condition.
MW158D	MW158_D	7.340	19.5	21.0	20.5	2/06/2022 11:10	0.080	7.260	-	Selected gauging round
MW158D	MW158_D	6.193	18.5	20.0	n/a	8/05/2023 11:16	0.771	5.422	20.31	Targeted gauging event visit. Good condition.
MW158D	MW158_D	6.193	18.5	20.0	19.0	8/05/2023 15:00	0.780	5.413	20.31	Good condition.
MW158D	MW158_D	6.193	18.5	20.0	-	24/11/2023 10:38	1.330	4.863	20.25	Good condition. Targeted gauging round.
MW158S	MW158_S	6.260	1.0	4.0	3.0	23/11/2021 14:45	0.435	5.825	3.89	Selected Gauging round.
MW158S	MW158_S	6.260	1.0	4.0	3.0	1/06/2022 10:52	0.030	6.230	3.88	Good condition.
MW158S	MW158_S	6.260	1.0	4.0	3.0	2/06/2022 11:10	0.000	6.260	-	Selected gauging round
MW158S	MW158_S	6.260	1.0	4.0	n/a	8/05/2023 11:17	0.864	5.396	3.86	Targeted gauging event visit. Good condition.
MW158S	MW158_S	6.260	1.0	4.0	2.8	8/05/2023 15:03	0.868	5.392	3.86	Good condition.
MW158S	MW158_S	6.260	1.0	4.0	-	24/11/2023 10:44	1.415	4.845	3.80	Good condition. Targeted gauging round.
MW159D	MW159_D	5.260	18.5	20.0	19.0	1/06/2022 9:25	1.200	4.060	21.23	Good condition.
MW159D	MW159_D	5.260	18.5	20.0	19.7	11/05/2023 8:57	1.830	3.430	21.23	Good condition.
MW159S	MW159_S	4.987	0.7	3.7	3.2	1/06/2022 9:23	0.955	4.032	4.46	Good condition.
MW159S	MW159_S	4.987	1.5	4.5	3.0	11/05/2023 8:54	1.572	3.415	4.47	Good condition.
MW160		4.212	1.0	4.0	3.0	15/11/2021 15:01	1.005	3.207	4.04	Good condition.
MW160		4.212	1.0	4.0	3.0	31/05/2022 8:48	0.500	3.712	4.03	Good condition.
MW160		4.212	1.0	4.0	2.5	8/11/2022 14:05	0.860	3.352	4.02	Good condition.
MW160		4.212	1.0	4.0	2.5	11/05/2023 11:19	1.438	2.774	4.05	Good condition.
MW160		4.212	1.0	4.0	2.5	23/11/2023 13:11	1.750	2.462	4.00	Good condition.
MW161D	MW161_D	2.057	18.8	23.3	22.3	1/06/2022 11:27	0.400	1.657	20.27	Good condition.
MW161D	MW161_D	2.057	18.8	23.3	18.8	11/05/2023 14:33	0.700	1.357	20.27	Good condition.
MW161S	MW161_S	2.052	1.0	4.0	3.5	1/06/2022 11:35	0.420	1.632	4.02	Good condition.
MW161S	MW161_S	2.052	1.0	4.0	2.5	11/05/2023 14:33	0.690	1.362	4.04	Good condition.
MW162D	MW162_D	2.876	18.6	20.1	17.8	12/11/2021 8:30	1.795	1.081	18.61	Likely blocked near base.
MW162D	MW162_D	2.876	18.6	20.1	17.8	23/11/2021 12:41	1.750	1.126	18.60	Selected Gauging round.
MW162D	MW162_D	2.876	18.6	20.1	17.8	18/05/2022 13:49	1.654	1.222	20.17	Good condition.
MW162D	MW162_D	2.876	18.6	20.1	17.8	2/06/2022 10:47	0.605	2.271	-	Selected gauging round
MW162D	MW162_D	2.876	18.6	20.1	19.0	7/11/2022 11:09	1.781	1.095	20.17	Good condition.
MW162D	MW162_D	2.876	18.6	20.1	-	11/11/2022 10:57	1.822	1.054	-	Gauging visit only.
MW162D	MW162_D	2.876	18.6	20.1	n/a	8/05/2023 11:30	2.000	0.876	20.17	Targeted gauging event visit. Good condition.
MW162D	MW162_D	2.876	18.6	20.1	19.0	9/05/2023 13:30	2.010	0.866	20.15	Good condition.
MW162D	MW162_D	2.876	18.6	20.1	19.3	21/11/2023 10:12	2.435	0.441	20.25	Good condition.
MW162D	MW162_D	2.876	18.6	20.1	19.3	24/11/2023 10:00	2.450	0.426	20.17	Good condition. Targeted gauging round.
MW162S	MW162_S	2.838	1.5	4.5	3.2	12/11/2021 8:06	1.440	1.398	4.21	Good condition.
MW162S	MW162_S	2.838	1.5	4.5	3.2	23/11/2021 12:41	1.625	1.213	4.21	Selected Gauging round.
MW162S	MW162_S	2.838	1.5	4.5	3.2	18/05/2022 13:36	1.126	1.712	4.21	Good condition.
MW162S	MW162_S	2.838	1.5	4.5	3.2	2/06/2022 10:47	0.430	2.408	-	Selected gauging round
MW162S	MW162_S	2.838	1.5	4.5	3.0	7/11/2022 11:18	1.644	1.194	4.22	Good condition.
MW162S	MW162_S	2.838	1.5	4.5	-	11/11/2022 10:56	1.677	1.161	-	Gauging visit only.
MW162S	MW162_S	2.838	1.5	4.5	n/a	8/05/2023 11:31	1.903	0.936	4.20	Targeted gauging event visit. Good condition.
MW162S	MW162_S	2.838	1.5	4.5	2.7	9/05/2023 13:22	1.920	0.918	4.21	Good condition.
MW162S	MW162_S	2.838	1.5	4.5	2.5	21/11/2023 10:24	2.327	0.511	4.22	Good condition.
MW162S	MW162_S	2.838	1.5	4.5	2.5	24/11/2023 9:54	2.391	0.447	3.21	Good condition. Targeted gauging round.
MW163		1.207	0.5	3.5	3.6	11/11/2021 14:35	0.852	0.355	4.10	Good condition.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW163		1.207	0.5	3.5	3.0	19/05/2022 15:27	0.745	0.462	4.12	Good condition.
MW163		1.207	0.5	3.5	2.0	7/11/2022 11:47	0.840	0.367	4.07	Good condition.
MW163		1.207	0.5	3.5	2.5	9/05/2023 13:09	0.910	0.297	4.09	Good condition.
MW163		1.207	0.5	3.5	n/a	21/11/2023 12:25	n/a	n/a	n/a	Unable to locate, grass overgrown.
MW163		1.207	0.5	3.5	2.5	28/11/2023 12:05	1.504	-0.297	4.10	Good condition.
MW166		7.100	0.8	3.8	3.0	18/11/2021 15:42	0.830	6.270	3.69	Good condition.
MW166		7.100	0.8	3.8	3.0	25/05/2022 14:09	0.010	7.090	-	Good condition.
MW166		7.100	0.8	3.8	2.5	9/11/2022 15:04	0.815	6.285	3.68	Good condition.
MW166		7.100	0.8	3.8	2.1	10/05/2023 14:06	1.070	6.030	3.67	Good condition.
MW166		7.100	0.8	3.8	2.5	22/11/2023 10:15	1.632	5.468	3.67	Good condition. Gatic filled with slugs and rootlets.
MW167		7.190	0.7	3.7	3.0	18/11/2021 13:38	1.800	5.390	4.30	Good condition.
MW167		7.190	0.7	3.7	3.0	25/05/2022 12:49	0.790	6.400	4.31	Good condition.
MW167		7.190	0.7	3.7	2.5	9/11/2022 14:21	1.685	5.505	4.30	Good condition.
MW167		7.190	0.7	3.7	2.8	10/05/2023 13:50	2.065	5.125	4.30	Good condition.
MW167		7.190	0.7	3.7	2.5	22/11/2023 10:36	2.550	4.640	4.30	Good condition.
MW168		6.780	0.7	3.7	2.5	18/11/2021 14:55	0.890	5.890	3.45	Good condition.
MW168		6.780	0.7	3.7	2.5	26/05/2022 12:22	0.200	6.580	3.45	Good condition.
MW168		6.780	0.7	3.7	2.5	9/11/2022 14:28	0.940	5.840	3.44	Good condition.
MW168		6.780	0.7	3.7	2.0	10/05/2023 14:23	1.180	5.600	3.44	Good condition.
MW168		6.780	0.7	3.7	2.5	22/11/2023 10:28	1.712	5.068	3.43	Good condition.
MW169D	MW169_D	5.800	18.0	19.5	18.3	16/11/2021 10:29	0.500	5.300	19.31	Good condition.
MW169D	MW169_D	5.800	18.0	19.5	18.3	19/05/2022 12:33	0.260	5.540	19.32	Good condition.
MW169D	MW169_D	5.800	18.0	19.5	18.3	9/11/2022 14:06	0.540	5.260	19.30	Good condition.
MW169D	MW169_D	5.800	18.0	19.5	18.3	10/05/2023 13:33	0.775	5.025	19.31	Good condition.
MW169D	MW169_D	5.800	18.0	19.5	18.5	22/11/2023 10:50	1.225	4.575	19.32	Good condition.
MW169S	MW169_S	5.830	0.7	3.7	3.0	16/11/2021 10:24	0.510	5.320	3.71	Good condition.
MW169S	MW169_S	5.830	0.7	3.7	3.0	19/05/2022 12:28	0.270	5.560	3.71	Good condition.
MW169S	MW169_S	5.830	0.7	3.7	2.5	9/11/2022 13:53	0.566	5.264	3.70	Good condition.
MW169S	MW169_S	5.830	0.7	3.7	2.2	10/05/2023 13:33	0.795	5.035	3.71	Good condition.
MW169S	MW169_S	5.830	0.7	3.7	2.5	22/11/2023 11:04	1.240	4.590	3.69	Good condition.
MW171D	MW171_D	4.970	18.8	20.3	19.3	19/05/2022 11:44	0.205	4.765	-	Good condition.
MW171D	MW171_D	4.970	18.8	20.3	18.8	10/05/2023 11:35	0.555	4.415	20.28	Good condition.
MW171S	MW171_S	5.020	0.7	3.7	3.2	19/05/2022 11:38	0.265	4.755	3.35	Good condition.
MW171S	MW171_S	5.020	0.7	3.7	1.8	10/05/2023 11:35	0.620	4.400	3.36	Good condition.
MW172		4.880	0.7	3.7	2.5	10/11/2021 11:49	0.585	4.295	3.37	Good condition.
MW172		4.880	0.7	3.7	2.5	19/05/2022 12:06	0.075	4.805	3.36	Good condition.
MW172		4.880	0.7	3.7	2.0	10/11/2022 11:02	0.350	4.530	3.38	Good condition. Data logger in well.
MW172		4.880	0.7	3.7	1.8	10/05/2023 11:53	0.390	4.490	3.35	Good condition.
MW172		4.880	0.7	3.7	2.5	22/11/2023 11:28	0.932	3.948	3.34	Good condition.
MW175D	MW175_D	4.110	19.5	20.0	20.0	16/11/2021 10:56	1.071	3.039	21.51	Good condition.
MW175D	MW175_D	4.110	19.5	20.0	20.0	19/05/2022 10:18	1.106	3.004	21.50	Good condition.
MW175D	MW175_D	4.110	19.5	21.0	20.0	10/11/2022 9:59	1.195	2.915	21.50	Good condition.
MW175D	MW175_D	4.110	19.5	21.5	20.0	10/05/2023 10:21	1.288	2.822	21.49	Good condition.
MW175D	MW175_D	4.110	19.5	21.5	20.3	22/11/2023 14:28	1.465	2.645	21.47	Good condition.
MW177		6.458	2.6	5.6	n/a	15/11/2021 10:30	n/a	n/a	n/a	Not accessible, dense vegatation on Council track.
MW177		6.458	2.6	5.6	n/a	1/06/2022 14:26	n/a	n/a	n/a	Well not accessed, overgrown Council track
MW178		1.760	1.2	4.2	3.0	15/11/2021 10:17	0.503	1.257	4.23	Good condition.
MW178		1.760	1.2	4.2	3.0	1/06/2022 14:20	0.620	1.140	4.24	Good condition.
MW178		1.760	1.2	4.2	3.0	9/11/2022 12:02	0.580	1.180	4.23	Good condition.
MW178		1.760	1.2	4.2	2.0	17/05/2023 15:02	0.667	1.093	4.23	Good condition.
MW178		1.760	1.2	4.2	2.5	21/11/2023 14:35	1.135	0.625	4.22	Good condition.
MW179D	MW179_D	4.760	18.5	20.0	18.5	16/11/2021 13:41	0.880	3.880	19.54	Good condition.
MW179D	MW179_D	4.760	18.5	20.0	18.5	19/05/2022 13:52	0.850	3.910	19.52	Good condition.
MW179D	MW179_D	4.760	18.5	20.0	18.5	10/11/2022 12:12	0.850	3.910	19.71	Good condition.
MW179D	MW179_D	4.760	18.5	20.0	18.5	10/05/2023 14:53	0.945	3.815	19.53	Good condition.
MW179D	MW179_D	4.760	18.5	20.0	18.8	22/11/2023 11:47	1.054	3.706	19.50	Good condition. Gatic box full of water, below TOC.
MW179S	MW179_S	4.710	0.8	3.8	3.0	16/11/2021 13:39	0.855	3.855	3.80	Good condition.
MW179S	MW179_S	4.710	0.8	3.8	3.0	19/05/2022 13:44	0.820	3.890	4.75	Good condition.
MW179S	MW179_S	4.710	0.8	3.8	2.5	10/11/2022 12:02	0.820	3.890	3.79	Good condition.
MW179S	MW179_S	4.710	0.8	3.8	2.0	10/05/2023 14:45	0.923	3.787	3.72	Good condition.
MW179S	MW179_S	4.710	0.8	3.8	2.5	22/11/2023 11:54	1.032	3.678	3.70	Good condition.
MW184D	MW184_D	3.073	18.5	20.0	19.0	17/05/2022 9:05	0.710	2.363	20.25	Good condition.
MW184D	MW184_D	3.073	18.5	20.0	18.5	17/05/2023 9:21	0.938	2.135	20.24	Good condition. Gatic lid cannot be secured due to J-cap height.
MW184S	MW184_S	3.106	1.0	4.0	3.5	17/05/2022 9:08	0.710	2.396	3.99	Good condition.
MW184S	MW184_S	3.106	1.0	4.0	2.0	17/05/2023 9:31	0.953	2.153	3.98	Good condition. Gatic lid damaged (broken into pieces).
MW188D	MW188_D	1.354	18.5	20.0	19.0	23/11/2021 11:31	0.240	1.114	19.97	Selected Gauging round.
MW188D	MW188_D	1.354	18.5	20.0	19.0	20/05/2022 9:25	n/a	n/a	n/a	Selected gauging round. Well not found.
MW188D	MW188_D	1.354	18.5	20.0	19.0	31/05/2022 13:46	n/a	n/a	n/a	Well not found, presumed buried

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW188D	MW188_D	1.354	18.5	20.0	-	11/11/2022 10:44	0.561	0.793	-	Gauging visit only.
MW188D	MW188_D	1.354	18.5	20.0	n/a	8/05/2023 12:00	n/a	n/a	n/a	Targeted gauging event visit. Unable to locate. Presumed buried in recent roadworks.
MW188D	MW188_D	1.354	18.5	20.0	-	24/11/2023 8:20	0.877	0.477	19.98	Good condition. Buried under 5 cm of soil. Targeted gauging round.
MW188S	MW188_S	1.439	0.8	3.8	2.8	23/11/2021 11:30	0.450	0.989	3.80	Selected Gauging round.
MW188S	MW188_S	1.439	0.8	3.8	2.8	31/05/2022 13:41	0.200	1.239	4.67	Damaged gatic
MW188S	MW188_S	1.439	0.8	3.8	2.8	2/06/2022 13:29	0.220	1.219	-	Selected gauging round
MW188S	MW188_S	1.439	0.8	3.8	-	11/11/2022 10:45	-	-	-	Gauging visit only. Unable to locate in long grass.
MW188S	MW188_S	1.439	0.8	3.8	n/a	8/05/2023 12:00	0.392	1.047	3.64	Targeted gauging event visit. Good condition. {Blockage from additional HydraSleeve found on subsequent visit}.
MW188S	MW188_S	1.439	0.8	3.8	3.0	11/05/2023 11:03	0.820	0.619	4.54	Good condition. Found additional Hydrasleeve at base of well; removed.
MW188S	MW188_S	1.439	0.8	3.8	-	24/11/2023 8:33	0.805	0.634	3.80	Good condition. Buried under 5 cm of soil. Targeted gauging round.
MW195		1.050	0.8	3.8	3.3	16/05/2022 10:56	0.000	1.050	3.82	Good condition.
MW195		1.050	0.8	3.8	2.0	9/05/2023 10:16	0.135	0.915	3.81	Good condition. No bolts.
MW196		6.760	0.8	3.8	3.2	10/11/2021 8:52	0.880	5.880	3.77	Good condition.
MW196		6.760	0.8	3.8	3.2	30/05/2022 9:21	0.525	6.235	3.78	Good condition.
MW196		6.760	0.8	3.8	2.5	9/11/2022 8:59	0.850	5.910	-	Good condition. Hydrasleeve dropped in well. Unable to retrieve. Total depth cannot be measured, Hydrasleeved blocked at 2.7mbtoc.
MW196		6.760	0.8	3.8	2.0	10/05/2023 10:51	0.935	5.825	3.75	Good condition. HydraSleeve was stuck in well but able to be dislodged and retrieved.
MW196		6.760	0.8	3.8	2.5	22/11/2023 9:10	1.292	5.468	3.73	Good condition.
MW198		6.110	0.8	3.8	3.7	10/11/2021 8:34	1.165	4.945	3.82	Gatic lid missing.
MW198		6.110	0.8	3.8	3.7	30/05/2022 8:51	0.850	5.260	3.83	Missing gatic lid
MW198		6.110	0.8	3.8	2.5	9/11/2022 8:34	1.210	4.900	3.82	Gatic lid damaged and J-cap missing.
MW198		6.110	0.8	3.8	2.0	10/05/2023 8:34	1.205	4.905	3.81	Gatic lid missing, J-cap secured.
MW198		6.110	0.8	3.8	2.5	22/11/2023 9:25	1.738	4.372	3.80	Gatic lid missing. To be replaced.
MW200		6.470	1.0	4.0	3.5	30/05/2022 9:07	0.575	5.895	3.69	Good condition.
MW200		6.470	1.0	4.0	2.0	10/05/2023 9:45	1.125	5.345	3.68	Good condition.
MW201D	MW201_D	5.810	18.1	19.6	18.6	30/05/2022 8:30	0.535	5.275	19.42	Good condition.
MW201D	MW201_D	5.810	18.1	19.6	18.3	10/05/2023 9:02	1.015	4.795	19.42	Good condition.
MW201S	MW201_S	5.800	1.0	4.0	3.5	30/05/2022 8:18	0.510	5.290	4.03	Good condition.
MW201S	MW201_S	5.800	1.0	4.0	2.0	10/05/2023 9:26	0.985	4.815	4.03	Good condition.
MW202D	MW202_D	5.170	19.5	21.0	19.0	10/11/2021 14:21	1.050	4.120	20.75	Good condition.
MW202D	MW202_D	5.170	19.5	21.0	20.0	19/05/2022 13:13	0.851	4.319	20.96	Good condition.
MW202D	MW202_D	5.170	19.5	21.0	20.0	10/11/2022 12:24	1.071	4.099	20.96	Good condition.
MW202D	MW202_D	5.170	19.5	21.0	19.5	10/05/2023 14:17	1.017	4.153	20.76	Good condition. No bolts.
MW202D	MW202_D	5.170	19.5	21.0	n/a	22/11/2023 11:14	n/a	n/a	n/a	Under parked truck. Requested to be moved for later visit.
MW202D	MW202_D	5.170	19.5	21.0	19.5	22/11/2023 11:38	1.447	3.723	20.70	Good condition.
MW202S	MW202_S	5.210	0.8	3.8	3.2	10/11/2021 14:09	1.100	4.110	3.70	Good condition.
MW202S	MW202_S	5.210	0.8	3.8	3.2	19/05/2022 13:05	0.890	4.320	3.69	Good condition.
MW202S	MW202_S	5.210	0.8	3.8	2.5	10/11/2022 12:17	1.120	4.090	3.70	Good condition.
MW202S	MW202_S	5.210	0.8	3.8	2.0	10/05/2023 14:23	1.070	4.140	3.69	Good condition. No bolts.
MW202S	MW202_S	5.210	0.8	3.8	2.5	22/11/2023 11:12	1.482	3.728	3.70	Good condition.
MW208		6.990	1.2	4.2	3.2	8/11/2021 13:28	1.130	5.860	4.13	Good condition.
MW208		6.990	1.2	4.2	3.2	24/05/2022 13:30	1.670	5.320	4.11	Damaged gatic
MW208		6.990	1.2	4.2	3.0	8/11/2022 15:26	1.914	5.076	4.11	Good condition.
MW208		6.990	1.2	4.2	2.5	8/05/2023 11:11	2.032	4.958	4.10	Good condition. No bolts.
MW208		6.990	1.2	4.2	2.0	23/11/2023 8:59	2.225	4.765	3.08	Good condition. Possibly blocked. No Hydrasleeve in well, new Hydrasleeve installed. To return to sample.
MW208		6.990	1.2	4.2	2.0	23/11/2023 13:32	2.220	4.770	3.14	Good condition. Possibly blocked.
MW209D	MW209_D	6.530	18.0	19.5	18.5	8/11/2021 14:33	0.787	5.743	19.63	Good condition.
MW209D	MW209_D	6.530	18.0	19.5	18.5	23/11/2021 9:09	0.690	5.840	19.62	Selected Gauging round.
MW209D	MW209_D	6.530	18.0	19.5	18.5	24/05/2022 11:15	0.415	6.115	19.63	Good condition.
MW209D	MW209_D	6.530	18.0	19.5	18.5	2/06/2022 11:46	0.580	5.950	-	Selected gauging round
MW209D	MW209_D	6.530	18.0	19.5	18.5	8/11/2022 11:16	-	-	-	Unable to access, well buried under stockpiled excavated material.
MW209D	MW209_D	6.530	18.0	19.5	n/a	8/05/2023 9:20	n/a	n/a	n/a	Targeted gauging event visit. Unable to access due to well located beneath stockpiled material.
MW209D	MW209_D	6.530	18.0	19.5	n/a	24/11/2023 8:10	n/a	n/a	n/a	Unable to access due to well located beneath stockpiled material.
MW209S	MW209_S	6.470	0.6	3.6	2.5	8/11/2021 14:42	0.725	5.745	3.56	Good condition.
MW209S	MW209_S	6.470	0.6	3.6	2.5	23/11/2021 9:10	0.600	5.870		Selected Gauging round.
MW209S	MW209_S	6.470	0.6	3.6	2.5	24/05/2022 11:26	0.370	6.100	2.55	Good condition.
MW209S	MW209_S	6.470	0.6	3.6	2.5	2/06/2022 11:46	0.545	5.925	-	Selected gauging round
MW209S	MW209_S	6.470	0.6	3.6	2.5	8/11/2022 11:16	-	-	-	Unable to access, well buried under stockpiled excavated material.
MW209S	MW209_S	6.470	0.6	3.6	n/a	8/05/2023 9:20	n/a	n/a	n/a	Targeted gauging event visit. Unable to access due to well located beneath stockpiled material.
MW209S	MW209_S	6.470	0.6	3.6	n/a	24/11/2023 8:15	n/a	n/a	n/a	Unable to access due to well located beneath stockpiled material.
MW210D	MW210_D	7.350	18.5	20.0	19.0	24/05/2022 12:30	2.460	4.890	20.10	Good condition.
MW210D	MW210_D	7.350	18.5	20.0	18.5	8/05/2023 11:35	2.825	4.525	20.09	Good condition.
MW210S	MW210_S	7.220	2.0	5.0	4.5	24/05/2022 12:31	2.460	4.760	4.75	Good condition.
MW210S	MW210_S	7.220	2.0	5.0	2.0	8/05/2023 11:28	2.697	4.523	4.75	Good condition.
MW212		6.040	1.2	4.2	3.0	8/11/2021 13:10	1.646	4.394	4.13	Good condition.
MW212		6.040	1.2	4.2	3.0	24/05/2022 11:58	1.300	4.740	4.12	Good condition.
MW212		6.040	1.2	4.2	3.0	11/11/2022 8:44	1.570	4.470	4.12	Gatic full of water below top of casing.
MW212		6.040	1.2	4.2	2.0	8/05/2023 11:56	1.673	4.367	4.12	Good condition. No bolts.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW212		6.040	1.2	4.2	3.0	23/11/2023 8:40	2.000	4.040	4.12	Good condition. Gatic box full of water, below TOC.
MW226D	MW226_D	1.357	18.5	20.0	n/a	15/11/2021 9:00	n/a	n/a	n/a	Not found, vegetation cleared by contractors and attempted twice to locate.
MW226D	MW226_D	1.357	18.5	20.0	n/a	17/05/2022 9:00	n/a	n/a	n/a	Well not found
MW226S	MW226_S	1.457	1.5	3.0	n/a	15/11/2021 9:00	n/a	n/a	n/a	Not found, vegetation cleared by contractors and attempted twice to locate.
MW226S	MW226_S	1.457	1.5	3.0	n/a	17/05/2022 9:05	n/a	n/a	n/a	Well not found
MW229D	MW229_D	1.920	18.5	20.0	19.0	23/11/2021 10:26	0.965	0.955	20.26	Selected Gauging round.
MW229D	MW229_D	1.920	18.5	20.0	19.0	31/05/2022 12:02	n/a	n/a	n/a	Well not found, dense/tall grass
MW229D	MW229_D	1.920	18.5	20.0	19.0	2/06/2022 13:07	n/a	n/a	n/a	Selected gauging round. Well not found, vegetation overgrown
MW229D	MW229_D	1.920	18.5	20.0	-	11/11/2022 10:02	1.055	0.865	-	Gauging visit only.
MW229D	MW229_D	1.920	18.5	20.0	n/a	8/05/2023 12:53	n/a	n/a	n/a	Targeted gauging event visit. Unable to locate.
MW229D	MW229_D	1.920	18.5	20.0	n/a	18/05/2023 15:27	n/a	n/a	n/a	Revisited to attempt locating. Unable to locate.
MW229D	MW229_D	1.920	18.5	20.0	-	24/11/2023 10:17	1.101	0.819	20.23	Good condition. Targeted gauging round.
MW229S	MW229_S	1.910	1.0	4.0	3.0	23/11/2021 10:27	0.360	1.550	4.00	Selected Gauging round.
MW229S	MW229_S	1.910	1.0	4.0	3.0	31/05/2022 12:03	n/a	n/a	n/a	Well not found, dense/tall grass
MW229S	MW229_S	1.910	1.0	4.0	3.0	2/06/2022 13:07	n/a	n/a	n/a	Selected gauging round. Well not found
MW229S	MW229_S	1.910	1.0	4.0	-	11/11/2022 10:03	0.606	1.304	-	Gauging visit only.
MW229S	MW229_S	1.910	1.0	4.0	n/a	8/05/2023 12:52	n/a	n/a	n/a	Targeted gauging event visit. Unable to locate.
MW229S	MW229_S	1.910	1.0	4.0	-	24/11/2023 10:20	1.468	0.442	4.00	Good condition. Targeted gauging round.
MW230S	MW230_S	0.939	2.0	4.0	n/a	8/11/2021 12:00	n/a	n/a	n/a	Not accessible, resident did not confirm appointment.
MW230S	MW230_S	0.939	2.0	4.0	n/a	16/05/2022 13:40	0.000	0.939	4.03	Flooded gatic, j-cap not secured
MW230S	MW230_S	0.939	2.5	4.0	3.0	14/11/2022 12:18	0.100	0.839	4.01	Good condition.
MW230S	MW230_S	0.939	2.5	4.0	2.5	15/05/2023 13:23	0.205	0.734	4.01	Good condition.
MW230S	MW230_S	0.939	2.5	4.0	3.0	27/11/2023 14:34	0.805	0.134	4.00	Good condition. Hydrasleeve color depth 3 m.
MW231D	MW231_D	0.571	16.0	17.5	16.5	12/11/2021 11:08	0.000	0.571	17.61	Gatic flooded below TOC. SWL to TOC upon opening well cap.
MW231D	MW231_D	0.571	16.0	17.5	16.5	18/05/2022 9:35	0.000	0.571	17.61	Water overflowing from Well
MW231D	MW231_D	0.571	16.0	17.5	16.5	14/11/2022 17:05	0.000	0.571	17.70	Gatic full of water above top of casing. Drained prior to opening well cap.
MW231D	MW231_D	0.571	16.0	17.5	16.0	17/05/2023 12:48	0.000	0.571	17.59	Good condition. Gatic box full of water (above TOC). Water drained prior to removing J-cap.
MW231D	MW231_D	0.571	16.0	17.5	16.0	28/11/2023 8:35	0.557	0.014	17.60	Good condition. DTW measured after removing Hydrasleeve.
MW231S	MW231_S	0.625	1.0	4.0	3.0	12/11/2021 11:03	0.140	0.485	4.01	Good condition.
MW231S	MW231_S	0.625	1.0	4.0	3.0	18/05/2022 9:43	0.220	0.405	4.00	Good condition.
MW231S	MW231_S	0.625	1.0	4.0	2.5	14/11/2022 17:10	0.630	-0.005	4.01	Good condition.
MW231S	MW231_S	0.625	1.0	4.0	2.0	17/05/2023 12:42	0.185	0.440	4.01	Good condition.
MW231S	MW231_S	0.625	1.0	4.0	2.5	28/11/2023 8:25	1.240	-0.615	3.99	Good condition.
MW232D	MW232_D	1.324	18.5	20.0	20.0	11/11/2021 15:49	0.660	0.664	21.03	Good condition.
MW232D	MW232_D	1.324	18.5	20.0	20.0	23/11/2021 15:16	0.600	0.724	21.05	Selected Gauging round.
MW232D	MW232_D	1.324	18.5	20.0	19.0	18/05/2022 8:45	0.570	0.754	21.03	Good condition.
MW232D	MW232_D	1.324	18.5	20.0	19.0	2/06/2022 12:34	0.585	0.739	-	Selected gauging round
MW232D	MW232_D	1.324	18.5	20.0	18.5	8/11/2022 8:58	0.810	0.514	19.47	Good condition.
MW232D	MW232_D	1.324	18.5	20.0	-	11/11/2022 12:12	0.855	0.469	-	Gauging visit only.
MW232D	MW232_D	1.324	18.5	20.0	n/a	8/05/2023 14:17	0.720	0.604	21.05	Targeted gauging event visit. Good condition.
MW232D	MW232_D	1.324	18.5	20.0	20.0	11/05/2023 13:15	0.775	0.549	21.04	Good condition.
MW232D	MW232_D	1.324	18.5	20.0	n/a	23/11/2023 12:30	n/a	n/a	n/a	Unable to access.
MW232D	MW232_D	1.324	18.5	20.0	19.0	24/11/2023 7:50	1.250	0.074	21.00	Good condition. Targeted gauging round.
MW232D	MW232_D	1.324	18.5	20.0	19.0	24/11/2023 7:51	1.250	0.074	21.00	Good condition.
MW232S	MW232_S	1.148	1.0	4.0	3.5	11/11/2021 15:41	0.640	0.508	4.60	Good condition.
MW232S	MW232_S	1.148	1.0	4.0	3.5	23/11/2021 15:17	0.565	0.583	4.60	Selected Gauging round. Sediment on IP.
MW232S	MW232_S	1.148	1.0	4.0	3.5	18/05/2022 8:41	0.560	0.588	4.58	Good condition.
MW232S	MW232_S	1.148	1.0	4.0	3.5	2/06/2022 12:34	0.540	0.608	-	Selected gauging round
MW232S	MW232_S	1.148	1.0	4.0	2.5	8/11/2022 9:02	0.715	0.433	4.60	Good condition.
MW232S	MW232_S	1.148	1.0	4.0	-	11/11/2022 12:12	0.805	0.343	-	Gauging visit only.
MW232S	MW232_S	1.148	1.0	4.0	n/a	8/05/2023 14:18	0.635	0.513	4.61	Targeted gauging event visit. Good condition.
MW232S	MW232_S	1.148	1.0	4.0	3.5	11/05/2023 13:21	0.663	0.485	4.60	Good condition.
MW232S	MW232_S	1.148	1.0	4.0	n/a	23/11/2023 12:30	n/a	n/a	n/a	Unable to access.
MW232S	MW232_S	1.148	1.0	4.0	2.0	24/11/2023 7:46	1.380	-0.232	4.60	Good condition. Targeted gauging round.
MW232S	MW232_S	1.148	1.0	4.0	2.0	24/11/2023 7:48	1.380	-0.232	4.60	Good condition.
MW235D	MW235_D	0.302	18.5	20.0	19.0	19/11/2021 12:01	0.000	0.302	20.11	Gatic flooded, SWL to TOC.
MW235D	MW235_D	0.302	18.5	20.0	19.0	18/05/2022 8:00	n/a	n/a	n/a	Well not accessed, residential appointment declined
MW235S	MW235_S	0.238	1.0	4.0	3.0	19/11/2021 11:46	0.260	-0.022	4.01	Good condition.
MW235S	MW235_S	0.238	1.0	4.0	3.0	18/05/2022 8:00	n/a	n/a	n/a	Well not accessed, residential appointment declined
MW236D	MW236_D	2.715	18.5	20.0	19.0	11/11/2021 11:20	0.910	1.805	20.25	Good condition.
MW236D	MW236_D	2.715	18.5	20.0	19.0	16/05/2022 9:45	0.636	2.079	20.47	Good condition.
MW236D	MW236_D	2.715	18.5	20.0	19.0	15/11/2022 9:34	0.682	2.033	20.23	Gatic full of water above top of casing. Drained prior to opening well cap.
MW236D	MW236_D	2.715	18.5	20.0	18.5	15/05/2023 10:09	1.045	1.670	20.25	Good condition. No bolts.
MW236D	MW236_D	2.715	18.5	20.0	18.5	27/11/2023 13:41	1.360	1.355	20.25	Good condition.
MW236S	MW236_S	2.707	1.0	4.0	3.0	11/11/2021 11:28	0.915	1.792	3.95	Gatic flooded above TOC.
MW236S	MW236_S	2.707	1.0	4.0	3.0	16/05/2022 9:30	0.634	2.073	3.94	Good condition.
MW236S	MW236_S	2.707	1.0	4.0	2.5	15/11/2022 9:27	0.676	2.031	3.90	Gatic full of water above top of casing. Drained prior to opening well cap.
MW236S	MW236_S	2.707	1.0	4.0	2.0	15/05/2023 10:01	1.056	1.651	3.91	Good condition. No bolts.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW236S	MW236_S	2.707	1.0	4.0	2.5	27/11/2023 13:50	1.349	1.358	3.94	Good condition.
MW238D	MW238_D	2.211	18.5	20.0	19.5	11/11/2021 9:26	0.645	1.566	20.28	Good condition.
MW238D	MW238_D	2.211	18.5	20.0	19.5	16/05/2022 12:31	0.530	1.681	20.26	Good condition.
MW238D	MW238_D	2.211	18.5	20.0	19.0	14/11/2022 10:45	0.614	1.597	20.28	Good condition.
MW238D	MW238_D	2.211	18.5	20.0	18.5	15/05/2023 11:50	0.769	1.442	20.25	Gatic lid broken. J-cap secured.
MW238D	MW238_D	2.211	18.5	20.0	18.5	27/11/2023 13:04	1.123	1.088	20.33	Good condition.
MW238S	MW238_S	2.270	1.0	4.0	3.0	11/11/2021 9:40	0.725	1.545	4.00	Rootlets on end of probe. Gatic flooded below TOC.
MW238S	MW238_S	2.270	1.0	4.0	3.0	16/05/2022 11:55	0.614	1.656	-	Damaged gatic lid
MW238S	MW238_S	2.270	1.0	4.0	2.5	14/11/2022 10:38	0.681	1.589	4.00	Gatic lid broken.
MW238S	MW238_S	2.270	1.0	4.0	2.0	15/05/2023 11:41	0.845	1.425	4.01	Good condition.
MW238S	MW238_S	2.270	1.0	4.0	2.5	27/11/2023 13:11	1.250	1.020	4.05	Good condition.
MW240D	MW240_D	5.742	18.5	20.0	19.0	26/05/2022 10:19	0.485	5.257	20.31	Good condition.
MW240D	MW240_D	5.742	18.5	20.0	19.0	10/11/2022 9:36	0.925	4.817	20.31	Good condition.
MW240D	MW240_D	5.742	18.5	20.0	19.0	10/05/2023 9:00	1.270	4.472	20.30	Good condition.
MW240D	MW240_D	5.742	18.5	20.0	18.8	22/11/2023 13:40	1.784	3.958	20.25	Good condition.
MW241D	MW241_D	5.449	18.5	20.0	19.0	15/11/2021 9:14	0.934	4.515	20.22	Good condition.
MW241D	MW241_D	5.449	18.5	20.0	19.0	24/05/2022 14:43	0.100	5.349	20.23	Good condition.
MW241D	MW241_D	5.449	18.5	20.0	19.0	10/11/2022 15:00	0.730	4.719	20.21	Good condition.
MW241D	MW241_D	5.449	18.5	20.0	18.7	12/05/2023 10:44	1.421	4.028	20.22	Good condition.
MW241D	MW241_D	5.449	18.5	20.0	18.8	23/11/2023 8:42	1.938	3.511	20.20	Good condition.
MW241S	MW241_S	5.559	1.0	4.0	2.5	15/11/2021 9:07	0.982	4.577	3.18	Good condition.
MW241S	MW241_S	5.559	1.0	4.0	2.5	24/05/2022 14:39	0.170	5.389	3.20	Good condition.
MW241S	MW241_S	5.559	1.0	4.0	2.0	10/11/2022 14:47	0.790	4.769	3.17	Good condition.
MW241S	MW241_S	5.559	1.0	4.0	2.0	12/05/2023 10:44	1.480	4.079	3.20	Good condition. J-cap not secured.
MW241S	MW241_S	5.559	1.0	4.0	2.3	23/11/2023 9:00	1.999	3.560	3.20	Good condition.
MW244D	MW244_D	9.457	18.5	20.0	20.0	10/11/2021 9:46	0.995	8.462	20.97	Good condition.
MW244D	MW244_D	9.457	18.5	20.0	19.0	30/05/2022 9:45	0.595	8.862	20.93	Good condition.
MW244D	MW244_D	9.457	18.5	20.0	19.0	9/11/2022 9:30	0.860	8.597	20.95	Good condition.
MW244D	MW244_D	9.457	18.5	20.0	18.5	10/05/2023 10:22	1.015	8.442	20.96	Good condition.
MW244D	MW244_D	9.457	18.5	20.0	18.5	22/11/2023 8:30	1.740	7.717	20.96	Good condition.
MW244S	MW244_S	9.603	1.0	4.0	4.0	10/11/2021 9:30	1.155	8.448	4.70	Good condition.
MW244S	MW244_S	9.603	1.0	4.0	3.0	30/05/2022 9:51	0.750	8.853	4.69	Good condition.
MW244S	MW244_S	9.603	1.0	4.0	2.5	9/11/2022 9:22	1.020	8.583	4.69	Good condition.
MW244S	MW244_S	9.603	1.0	4.0	2.0	10/05/2023 10:15	1.152	8.451	4.70	Good condition.
MW244S	MW244_S	9.603	1.0	4.0	2.5	22/11/2023 8:36	1.897	7.706	4.98	Good condition.
MW245D	MW245_D	9.311	18.5	20.0	19.0	30/05/2022 11:05	0.910	8.401	21.22	Good condition.
MW245D	MW245_D	9.311	18.5	20.0	18.5	10/05/2023 11:51	1.405	7.906	21.21	Good condition.
MW245S	MW245_S	9.292	1.0	4.0	3.5	30/05/2022 11:13	0.840	8.452	2.19	Good condition.
MW245S	MW245_S	9.292	1.0	4.0	1.5	10/05/2023 12:00	1.345	7.947	2.35	Good condition. HydraSleeve removed to gauge (as above DTW). HydraSleeve only 1/4 full. Well possibly blocked based on well construction depth.
MW247D	MW247_D	2.529	18.5	20.0	19.0	12/11/2021 9:13	0.505	2.024	20.37	Good condition.
MW247D	MW247_D	2.529	18.5	20.0	19.0	23/11/2021 12:19	0.690	1.839	20.33	Selected Gauging round.
MW247D	MW247_D	2.529	18.5	20.0	19.0	18/05/2022 11:40	0.740	1.789	20.29	Good condition.
MW247D	MW247_D	2.529	18.5	20.0	19.0	2/06/2022 10:59	0.470	2.059	-	Selected gauging round
MW247D	MW247_D	2.529	18.5	20.0	19.0	8/11/2022 14:51	0.870	1.659	20.30	Good condition.
MW247D	MW247_D	2.529	18.5	20.0	-	11/11/2022 12:26	0.882	1.647	-	Gauging visit only.
MW247D	MW247_D	2.529	18.5	20.0	18.5	8/05/2023 14:45	1.010	1.519	20.36	Targeted gauging event visit + sampling. Good condition.
MW247D	MW247_D	2.529	18.5	20.0	19.0	24/11/2023 11:19	1.132	1.397	20.28	Good condition. Targeted gauging round and sampling. Gatic box full of water, below TOC.
MW247S	MW247_S	2.468	1.0	4.0	3.0	12/11/2021 9:30	0.382	2.086	3.88	Good condition.
MW247S	MW247_S	2.468	1.0	4.0	3.0	23/11/2021 12:19	0.580	1.888	3.87	Selected Gauging round.
MW247S	MW247_S	2.468	1.0	4.0	3.0	18/05/2022 11:35	0.615	1.853	3.99	Good condition.
MW247S	MW247_S	2.468	1.0	4.0	3.0	2/06/2022 10:59	0.685	1.783	-	Selected gauging round
MW247S	MW247_S	2.468	1.0	4.0	2.5	8/11/2022 14:55	0.710	1.758	3.87	Good condition.
MW247S	MW247_S	2.468	1.0	4.0	-	11/11/2022 12:27	0.767	1.701	-	Gauging visit only.
MW247S	MW247_S	2.468	1.0	4.0	2.0	8/05/2023 14:34	0.902	1.566	3.86	Targeted gauging event visit + sampling. Good condition.
MW247S	MW247_S	2.468	1.0	4.0	2.8	24/11/2023 11:05	1.120	1.348	3.86	Good condition. Targeted gauging round and sampling.
MW252S	MW252_S	1.103	1.0	4.0	3.5	1/06/2022 12:33	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW252S	MW252_S	1.103	1.0	4.0	2.4	11/05/2023 10:32	0.000	1.103	3.94	Good condition. Gatic box full of water, above TOC. Water drained prior to removing J-cap.
MW255D	MW255_D	1.260	18.5	20.0	19.0	18/05/2022 10:54	0.675	0.585	20.26	Good condition.
MW255D	MW255_D	1.260	18.5	20.0	18.8	9/05/2023 10:21	0.870	0.390	20.26	Good condition.
MW255S	MW255_S	1.258	1.0	4.0	3.5	18/05/2022 11:08	0.762	0.496	3.96	Good condition.
MW255S	MW255_S	1.258	1.0	4.0	2.5	9/05/2023 10:32	0.985	0.273	3.97	Good condition.
MW256D	MW256_D	1.534	18.5	20.0	18.0	9/11/2021 10:16	0.764	0.770	18.90	Good condition.
MW256D	MW256_D	1.534	18.5	20.0	18.0	23/11/2021 13:25	0.470	1.064	18.78	Selected Gauging round.
MW256D	MW256_D	1.534	18.5	20.0	19.0	17/05/2022 12:21	0.461	1.073	20.57	Good condition.
MW256D	MW256_D	1.534	18.5	20.0	19.0	2/06/2022 10:35	0.380	1.154	-	Selected gauging round
MW256D	MW256_D	1.534	18.5	20.0	19.0	7/11/2022 13:30	0.691	0.843	20.35	Good condition.
MW256D	MW256_D	1.534	18.5	20.0	-	11/11/2022 11:10	0.743	0.791	-	Gauging visit only.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW256D	MW256_D	1.534	18.5	20.0	17.3	8/05/2023 9:43	0.708	0.826	18.80	Targeted gauging event visit + sampling. Good condition. Potential blockage.
MW256D	MW256_D	1.534	18.5	20.0	18.5	21/11/2023 13:25	0.965	0.569	20.32	Good condition.
MW256D	MW256_D	1.534	18.5	20.0	18.5	24/11/2023 8:37	0.982	0.552	20.32	Good condition. Targeted gauging round.
MW256S	MW256_S	1.518	1.0	4.0	3.0	9/11/2021 10:30	0.780	0.738	4.00	Good condition.
MW256S	MW256_S	1.518	1.0	4.0	3.0	23/11/2021 13:25	0.480	1.038	3.99	Selected Gauging round.
MW256S	MW256_S	1.518	1.0	4.0	3.0	17/05/2022 12:32	0.470	1.048	3.99	Missing bolts replaced
MW256S	MW256_S	1.518	1.0	4.0	3.0	2/06/2022 10:36	0.380	1.138	-	Selected gauging round
MW256S	MW256_S	1.518	1.0	4.0	2.5	7/11/2022 13:45	0.692	0.826	3.99	Good condition.
MW256S	MW256_S	1.518	1.0	4.0	-	11/11/2022 11:11	0.755	0.763	-	Gauging visit only.
MW256S	MW256_S	1.518	1.0	4.0	3.0	8/05/2023 10:05	0.723	0.795	4.00	Targeted gauging event visit + sampling. Good condition.
MW256S	MW256_S	1.518	1.0	4.0	3.0	21/11/2023 13:25	0.986	0.532	3.99	Good condition.
MW256S	MW256_S	1.518	1.0	4.0	3.0	24/11/2023 8:33	1.000	0.518	3.98	Good condition. Targeted gauging round.
MW257D	MW257_D	1.819	18.5	20.0	19.0	9/11/2021 10:57	1.109	0.710	20.20	Good condition.
MW257D	MW257_D	1.819	18.5	20.0	19.0	23/11/2021 13:44	0.770	1.049	20.19	Selected Gauging round.
MW257D	MW257_D	1.819	18.5	20.0	19.0	17/05/2022 11:55	0.780	1.039	20.20	Good condition.
MW257D	MW257_D	1.819	18.5	20.0	19.0	2/06/2022 10:31	0.720	1.099	-	Selected gauging round
MW257D	MW257_D	1.819	18.5	20.0	19.0	7/11/2022 14:09	0.965	0.854	20.20	Good condition.
MW257D	MW257_D	1.819	18.5	20.0	-	11/11/2022 11:18	0.998	0.821	-	Gauging visit only.
MW257D	MW257_D	1.819	18.5	20.0	18.6	8/05/2023 9:13	1.020	0.799	20.18	Targeted gauging event visit + sampling. Good condition.
MW257D	MW257_D	1.819	18.5	20.0	18.5	21/11/2023 14:05	1.215	0.604	20.19	Good condition.
MW257D	MW257_D	1.819	18.5	20.0	18.5	24/11/2023 8:45	1.179	0.640	20.19	Good condition. Targeted gauging round.
MW257S	MW257_S	1.639	1.0	4.0	3.0	9/11/2021 11:04	1.106	0.533	3.80	Good condition.
MW257S	MW257_S	1.639	1.0	4.0	3.0	23/11/2021 13:44	0.680	0.959	3.85	Selected Gauging round.
MW257S	MW257_S	1.639	1.0	4.0	3.0	17/05/2022 11:37	0.685	0.954	3.83	Good condition.
MW257S	MW257_S	1.639	1.0	4.0	3.0	2/06/2022 10:31	0.620	1.019	-	Selected gauging round
MW257S	MW257_S	1.639	1.0	4.0	2.5	7/11/2022 14:20	0.873	0.766	3.80	Good condition.
MW257S	MW257_S	1.639	1.0	4.0	-	11/11/2022 11:16	0.905	0.734	-	Gauging visit only.
MW257S	MW257_S	1.639	1.0	4.0	2.3	8/05/2023 9:21	0.933	0.706	3.83	Targeted gauging event visit + sampling. Good condition. Gatic full of sediment.
MW257S	MW257_S	1.639	1.0	4.0	2.5	21/11/2023 13:50	1.123	0.516	3.80	Good condition.
MW257S	MW257_S	1.639	1.0	4.0	2.5	24/11/2023 8:42	1.100	0.539	3.82	Good condition. Targeted gauging round.
MW258D	MW258_D	2.903	18.5	20.0	19.0	9/11/2021 12:15	0.745	2.158	20.10	Good condition.
MW258D	MW258_D	2.903	18.5	20.0	19.0	17/05/2022 10:26	0.352	2.551	20.36	Flooded gatic with water above TOC. Removed prior to gauging and sampling
MW258D	MW258_D	2.903	18.5	20.0	19.0	7/11/2022 15:20	0.593	2.310	20.11	Gatic full of water above top of casing. Drained prior to opening well cap.
MW258D	MW258_D	2.903	18.5	20.0	18.6	9/05/2023 9:35	0.988	1.915	20.08	Good condition.
MW258D	MW258_D	2.903	18.5	20.0	18.8	20/11/2023 13:29	1.297	1.606	20.10	Good condition.
MW258S	MW258_S	2.916	1.0	4.0	3.0	9/11/2021 11:58	0.791	2.125	3.95	Good condition.
MW258S	MW258_S	2.916	1.0	4.0	3.0	17/05/2022 10:49	0.397	2.519	3.94	Good condition.
MW258S	MW258_S	2.916	1.0	4.0	2.5	7/11/2022 15:08	0.657	2.259	3.95	Good condition.
MW258S	MW258_S	2.916	1.0	4.0	2.4	9/05/2023 9:19	1.035	1.881	3.94	Good condition.
MW258S	MW258_S	2.916	1.0	4.0	1.5	20/11/2023 13:37	1.254	1.662	3.94	Good condition.
MW260D	MW260_D	2.080	18.5	20.0	19.0	12/11/2021 15:39	0.960	1.120	20.25	Good condition.
MW260D	MW260_D	2.080	18.5	20.0	19.0	23/11/2021 14:03	1.115	0.965	20.26	Selected Gauging round.
MW260D	MW260_D	2.080	18.5	20.0	19.0	18/05/2022 10:18	1.165	0.915	20.26	Dense grass covering gatic, missing bolts replaced
MW260D	MW260_D	2.080	18.5	20.0	19.0	2/06/2022 10:21	1.130	0.950	-	Selected gauging round
MW260D	MW260_D	2.080	18.5	20.0	19.0	8/11/2022 9:38	1.390	0.690	20.36	Good condition.
MW260D	MW260_D	2.080	18.5	20.0	-	11/11/2022 11:27	1.427	0.653	-	Gauging visit only.
MW260D	MW260_D	2.080	18.5	20.0	18.8	8/05/2023 10:35	1.328	0.752	20.25	Targeted gauging event visit + sampling. Good condition.
MW260D	MW260_D	2.080	18.5	20.0	18.8	21/11/2023 14:45	1.607	0.473	20.23	Good condition.
MW260D	MW260_D	2.080	18.5	20.0	18.8	24/11/2023 8:57	1.620	0.460	20.25	Good condition. Targeted gauging round.
MW260S	MW260_S	2.124	1.0	4.0	3.0	12/11/2021 16:02	0.110	2.014	3.93	Good condition.
MW260S	MW260_S	2.124	1.0	4.0	3.0	23/11/2021 14:04	1.175	0.949	3.94	Selected Gauging round.
MW260S	MW260_S	2.124	1.0	4.0	3.0	18/05/2022 10:12	1.190	0.934	3.96	Dense grass covering gatic
MW260S	MW260_S	2.124	1.0	4.0	3.0	2/06/2022 10:20	0.135	1.989	-	Selected gauging round
MW260S	MW260_S	2.124	1.0	4.0	2.5	8/11/2022 9:30	1.304	0.820	3.92	Good condition.
MW260S	MW260_S	2.124	1.0	4.0	-	11/11/2022 11:26	1.374	0.750	-	Gauging visit only.
MW260S	MW260_S	2.124	1.0	4.0	2.4	8/05/2023 10:25	1.295	0.829	3.91	Targeted gauging event visit + sampling. Good condition. Gatic lid damaged.
MW260S	MW260_S	2.124	1.0	4.0	2.5	21/11/2023 14:33	1.438	0.686	3.92	Good condition.
MW260S	MW260_S	2.124	1.0	4.0	2.5	24/11/2023 9:01	1.455	0.669	3.64	Good condition. Targeted gauging round.
MW263D	MW263_D	1.314	18.5	20.0	19.0	9/11/2021 12:58	0.390	0.924	20.44	Good condition.
MW263D	MW263_D	1.314	18.5	20.0	19.0	18/05/2022 8:32	0.450	0.864	20.26	Flooded gatic with water below TOC. Removed prior to gauging and sampling
MW263D	MW263_D	1.314	18.5	20.0	19.0	8/11/2022 8:33	0.544	0.770	20.25	Good condition.
MW263D	MW263_D	1.314	18.5	20.0	18.8	9/05/2023 11:26	0.520	0.794	20.25	Good condition.
MW263D	MW263_D	1.314	18.5	20.0	18.8	20/11/2023 13:02	0.681	0.633	-	Good condition.
MW263S	MW263_S	1.328	1.0	4.0	3.2	9/11/2021 13:18	0.345	0.983	3.93	Good condition.
MW263S	MW263_S	1.328	1.0	4.0	3.2	18/05/2022 8:41	0.435	0.893	3.93	Good condition.
MW263S	MW263_S	1.328	1.0	4.0	2.5	8/11/2022 8:23	0.515	0.813	3.93	Good condition.
MW263S	MW263_S	1.328	1.0	4.0	3.0	9/05/2023 11:32	0.500	0.828	3.93	Good condition.
MW263S	MW263_S	1.328	1.0	4.0	1.5	20/11/2023 12:50	0.672	0.656	3.93	Good condition.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW264D	MW264_D	9.347	18.5	20.0	19.0	2/06/2022 8:49	0.000	9.347	20.06	Good condition.
MW264D	MW264_D	9.347	18.5	20.0	18.5	12/05/2023 9:14	0.495	8.852	20.06	Good condition.
MW264S	MW264_S	9.492	1.0	4.0	3.5	2/06/2022 8:53	0.200	9.292	3.23	Good condition.
MW264S	MW264_S	9.492	1.0	4.0	1.7	12/05/2023 9:14	0.670	8.822	3.20	Good condition.
MW266D	MW266_D	0.267	18.5	20.0	19.5	19/11/2021 9:42	0.000	0.267	20.24	Gatic flooded below TOC. SWL to TOC upon opening well cap. Minor biosheen.
MW266D	MW266_D	0.267	18.5	20.0	19.5	27/05/2022 7:54	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW266S	MW266_S	0.229	1.0	4.0	3.0	19/11/2021 9:25	0.000	0.229	3.99	Gatic flooded below TOC. SWL to TOC upon opening well cap.
MW266S	MW266_S	0.229	1.0	4.0	3.0	27/05/2022 7:54	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW267D	MW267_D	1.779	16.0	17.5	16.6	19/11/2021 11:18	0.730	1.049	17.67	Gatic cap broken.
MW267D	MW267_D	1.779	16.0	17.5	16.6	18/05/2022 8:00	n/a	n/a	n/a	Well not accessed, residential appointment declined
MW267S	MW267_S	1.755	1.1	4.0	2.9	19/11/2021 11:23	0.715	1.040	3.94	Gatic lid broken.
MW267S	MW267_S	1.755	1.1	4.0	2.9	18/05/2022 8:00	n/a	n/a	n/a	Well not accessed, residential appointment declined
MW268D	MW268_D	3.362	18.5	20.0	19.0	2/06/2022 14:17	1.555	1.807	20.16	Selected gauging round. Gatic covered by dense grass.
MW268D	MW268_D	3.362	18.5	20.0	-	11/11/2022 14:11	1.670	1.692	-	Gauging visit only.
MW268D	MW268_D	3.362	18.5	20.0	n/a	8/05/2023 14:28	2.010	1.352	20.10	Targeted gauging event visit. Good condition.
MW268D	MW268_D	3.362	18.5	20.0	17.5	24/11/2023 10:18	2.430	0.932	18.61	Good condition. Gatic lid doesn't sit flush. Targeted gauging round. Possible blockage in well.
MW268S	MW268_S	3.232	2.0	5.0	4.0	23/11/2021 15:28	0.615	2.617	5.01	Selected Gauging round.
MW268S	MW268_S	3.232	2.0	5.0	4.0	17/05/2022 14:47	1.540	1.692	5.01	Gauging only location. Good condition.
MW268S	MW268_S	3.232	2.0	5.0	4.0	2/06/2022 12:48	0.420	2.812	-	Selected gauging round
MW268S	MW268_S	3.232	2.0	5.0	-	11/11/2022 14:02	1.520	1.712	5.00	Gauging visit only.
MW268S	MW268_S	3.232	2.0	5.0	n/a	8/05/2023 14:35	1.870	1.362	5.01	Targeted gauging event visit. Good condition.
MW268S	MW268_S	3.232	2.0	5.0	4.0	24/11/2023 10:22	2.287	0.945	4.99	Good condition. Targeted gauging round. Light grey sediment on interface probe.
MW270D	MW270_D	1.412	18.5	20.0	19.0	17/05/2022 13:43	0.355	1.057	20.30	Dense grass covering gatic
MW270D	MW270_D	1.412	18.5	20.0	18.5	16/05/2023 11:26	0.585	0.827	20.30	Good condition.
MW270D	MW270_D	1.412	18.5	20.0	18.5	9/08/2023 8:15	0.530	0.882	20.31	Good condition.
MW270S	MW270_S	1.411	2.0	4.0	3.5	17/05/2022 13:15	0.360	1.051	3.86	Dense grass covering gatic
MW270S	MW270_S	1.411	2.0	4.0	2.0	16/05/2023 11:11	0.536	0.875	3.84	Good condition.
MW270S	MW270_S	1.411	2.0	4.0	2.0	9/08/2023 8:40	0.495	0.916	3.84	Good condition.
MW271D	MW271_D	1.308	18.5	20.0	19.0	12/11/2021 13:36	0.000	1.308	20.31	Gatic flooded, SWL to TOC.
MW271D	MW271_D	1.308	18.5	20.0	19.0	16/05/2022 10:50	0.065	1.243	18.93	Good condition.
MW271D	MW271_D	1.308	18.5	20.0	19.0	14/11/2022 11:24	0.190	1.118	20.29	Good condition.
MW271D	MW271_D	1.308	18.5	20.0	18.5	15/05/2023 10:50	0.309	0.999	20.29	Good condition.
MW271D	MW271_D	1.308	18.5	20.0	18.5	27/11/2023 11:38	0.820	0.488	20.40	Good condition.
MW271S	MW271_S	1.316	1.0	4.0	3.0	12/11/2021 13:22	0.003	1.313	4.00	Gatic flooded below TOC.
MW271S	MW271_S	1.316	1.0	4.0	3.0	16/05/2022 10:40	0.003	1.313	3.97	Good condition.
MW271S	MW271_S	1.316	1.0	4.0	2.5	14/11/2022 11:17	0.130	1.186	3.99	Good condition.
MW271S	MW271_S	1.316	1.0	4.0	2.0	15/05/2023 11:09	0.284	1.032	3.99	Good condition.
MW271S	MW271_S	1.316	1.0	4.0	2.0	27/11/2023 11:48	0.835	0.481	3.98	Good condition.
MW278D	MW278_D	1.289	18.5	20.0	19.0	9/11/2021 15:19	0.429	0.860		Good condition.
MW278D	MW278_D	1.289	18.5	20.0	19.0	31/05/2022 12:54	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW278D	MW278_D	1.289	18.5	20.0	19.0	9/11/2022 11:28	0.595	0.694	20.26	Gatic full of water below top of casing.
MW278D	MW278_D	1.289	18.5	20.0	18.5	11/05/2023 14:37	0.443	0.846	20.37	Good condition.
MW278D	MW278_D	1.289	18.5	20.0	18.8	21/11/2023 15:34	0.842	0.447	20.23	Good condition.
MW278S	MW278_S	1.253	1.5	3.0	2.3	9/11/2021 15:29	0.420	0.833	3.00	Good condition.
MW278S	MW278_S	1.253	1.5	3.0	2.3	31/05/2022 12:53	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW278S	MW278_S	1.253	1.5	3.0	2.0	9/11/2022 11:45	0.470	0.783	3.00	Gatic full of grass and sediment.
MW278S	MW278_S	1.253	1.5	3.0	1.5	11/05/2023 14:42	0.450	0.803	2.99	Good condition.
MW278S	MW278_S	1.253	1.5	3.0	1.8	21/11/2023 15:41	0.825	0.428	3.00	Good condition.
MW279S	MW279_S	1.295	0.8	3.8	3.2	11/11/2021 10:19	0.762	0.533	4.64	Gatic cap missing. Sediment on interface probe.
MW279S	MW279_S	1.295	0.8	3.8	3.2	19/05/2022 16:00	0.615	0.680	4.65	Good condition.
MW279S	MW279_S	1.295	0.8	3.8	2.5	7/11/2022 13:27	0.730	0.565	4.65	Good condition.
MW279S	MW279_S	1.295	0.8	3.8	2.0	9/05/2023 10:53	0.725	0.570	4.64	Good condition.
MW279S	MW279_S	1.295	0.8	3.8	2.5	21/11/2023 13:40	1.422	-0.127	4.61	Good condition.
MW280S	MW280S_LT, MW280_S	3.831	1.0	4.0	3.5	20/05/2022 9:53	0.000	3.831	3.86	Good condition.
MW280S	MW280S_LT, MW280_S	3.831	1.0	4.0	2.5	11/11/2022 10:44	0.080	3.751	3.67	Good condition.
MW280S	MW280S_LT, MW280_S	3.831	1.0	4.0	n/a	12/05/2023 10:00	0.440	3.391	3.88	HydraSleeve installation visit. Good condition. No HydraSleeve on arrival. HydraSleeve installed at 2.3m.
MW280S	MW280S_LT, MW280_S	3.831	1.0	4.0	2.3	18/05/2023 9:05	0.186	3.645	3.89	Return visit as HydraSleeve was not present. Good condition. HydraSleeve re-installed at 2.3m.
MW280S	MW280S_LT, MW280_S	3.831	1.0	4.0	2.5	23/11/2023 9:35	0.868	2.963	3.88	Good condition. Sediment above top of casing.
MW281S	MW281_S	5.290	1.0	4.0	3.0	10/11/2021 11:02	0.970	4.320	4.00	Gatic lid cannot be closed due to height of J-cap.
MW281S	MW281_S	5.290	1.0	4.0	3.0	26/05/2022 9:57	0.330	4.960	3.99	Good condition.
MW281S	MW281_S	5.290	1.0	4.0	2.5	10/11/2022 10:20	0.680	4.610	4.00	Good condition.
MW281S	MW281_S	5.290	1.0	4.0	2.5	10/05/2023 9:21	0.945	4.345	3.99	Good condition.
MW281S	MW281_S	5.290	1.0	4.0	3.0	22/11/2023 13:45	1.410	3.880	3.99	Good condition.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW282S	MW282_S	5.370	1.0	4.0	3.0	10/11/2021 10:45	0.863	4.507	3.52	Good condition.
MW282S	MW282_S	5.370	1.0	4.0	3.0	26/05/2022 10:08	0.120	5.250	3.52	Good condition.
MW282S	MW282_S	5.370	1.0	4.0	2.5	10/11/2022 10:08	0.520	4.850	3.51	Good condition.
MW282S	MW282_S	5.370	1.0	4.0	2.0	10/05/2023 9:09	0.870	4.500	3.52	Good condition.
MW282S	MW282_S	5.370	1.0	4.0	2.5	22/11/2023 13:35	1.310	4.060	3.52	Good condition.
MW315D	MW315_D/MW320D	6.160	18.0	20.0	n/a	17/11/2021 9:30	n/a	n/a	n/a	Not accessible, pathway flooded.
MW315D	MW315_D/MW320D	6.160	18.0	20.0	n/a	26/05/2022 15:28	0.200	5.960	3.78	Good condition.
MW315D	MW315_D/MW320D	6.160	18.0	20.0	19.0	11/11/2022 9:41	0.575	5.585	20.44	Good condition.
MW315D	MW315_D/MW320D	6.160	18.0	20.0	18.5	18/05/2023 10:01	0.977	5.183	20.45	Good condition.
MW315D	MW315_D/MW320D	6.160	18.0	20.0	18.8	23/11/2023 11:21	1.518	4.642	20.42	Good condition.
MW315S	MW315_S/MW320S	6.180	1.0	4.0	n/a	17/11/2021 9:30	n/a	n/a	n/a	Not accessible, pathway flooded.
MW315S	MW315_S/MW320S	6.180	1.0	4.0	n/a	26/05/2022 15:28	0.200	5.980	-	Good condition.
MW315S	MW315_S/MW320S	6.180	1.0	4.0	2.5	11/11/2022 9:51	0.610	5.570	3.77	Good condition.
MW315S	MW315_S/MW320S	6.180	1.0	4.0	2.0	18/05/2023 9:45	1.004	5.176	3.78	Good condition.
MW315S	MW315_S/MW320S	6.180	1.0	4.0	2.5	23/11/2023 11:15	1.549	4.631	-	Good condition.
MW316D	MW316_D/MW319D	1.200	18.0	20.0	20.0	11/11/2021 14:53	0.645	0.555	21.07	Good condition.
MW316D	MW316_D/MW319D	1.200	18.0	20.0	19.0	20/05/2022 10:10	0.580	0.620	21.08	Good condition.
MW316D	MW316_D/MW319D	1.200	18.0	20.0	19.0	7/11/2022 11:32	0.670	0.530	21.28	Good condition.
MW316D	MW316_D/MW319D	1.200	18.0	20.0	18.0	9/05/2023 13:17	0.749	0.451	21.09	Good condition. Ants nest in PVC.
MW316D	MW316_D/MW319D	1.200	18.0	20.0	18.0	21/11/2023 12:19	1.130	0.070	21.09	Good condition.
MW317D	MW317_D	7.960	18.5	20.0	19.0	30/05/2022 12:04	0.510	7.450	20.56	Good condition.
MW317D	MW317_D	7.960	18.5	20.0	18.5	12/05/2023 9:10	0.926	7.034	20.67	Good condition.
MW317S	MW317_S	7.970	1.0	4.0	4.8	18/11/2021 8:52	0.735	7.235	4.09	Good condition.
MW317S	MW317_S	7.970	1.0	4.0	3.0	30/05/2022 12:11	0.530	7.440	4.09	Good condition.
MW317S	MW317_S	7.970	1.0	4.0	2.0	12/05/2023 9:23	0.945	7.025	4.10	Good condition.
MW318D	MW318_D	2.630	18.5	20.0	19.0	15/11/2021 12:31	0.389	2.241	20.28	Good condition.
MW318D	MW318_D	2.630	18.5	20.0	19.0	31/05/2022 9:37	0.200	2.430	20.29	Good condition.
MW318D	MW318_D	2.630	18.5	20.0	19.0	8/11/2022 13:33	0.470	2.160	20.28	Good condition.
MW318D	MW318_D	2.630	18.5	20.0	18.8	11/05/2023 11:02	0.730	1.900	20.29	Good condition.
MW318D	MW318_D	2.630	18.5	20.0	18.8	23/11/2023 13:29	0.965	1.665	20.25	Good condition.
MW318S	MW318_S	2.670	1.0	4.0	2.9	15/11/2021 12:25	0.460	2.210	3.90	Good condition.
MW318S	MW318_S	2.670	1.0	4.0	2.9	31/05/2022 9:23	0.260	2.410	3.90	Good condition.
MW318S	MW318_S	2.670	1.0	4.0	2.5	8/11/2022 13:48	0.530	2.140	3.89	Good condition.
MW318S	MW318_S	2.670	1.0	4.0	2.4	11/05/2023 11:02	0.990	1.680	3.89	Good condition.
MW318S	MW318_S	2.670	1.0	4.0	2.5	23/11/2023 13:33	1.027	1.643	3.89	Good condition.
MW406	W6	8.270	unknown	unknown	2.4	24/05/2022 9:40	0.900	7.370	2.98	Good condition.
MW406	W6	8.270	unknown	unknown	2.0	8/05/2023 10:43	1.672	6.598	2.86	Good condition.
MW433	W33	6.926	3.0	4.0	3.0	8/11/2021 15:24	0.884	6.042	3.68	Good condition.
MW433	W33	6.926	3.0	4.0	3.0	24/05/2022 10:51	0.460	6.466	3.68	Good condition.
MW433	W33	6.926	unknown	unknown	3.0	8/11/2022 11:09	0.910	6.016	3.66	Good condition.
MW433	W33	6.926	unknown	unknown	n/a	8/05/2023 10:11	1.423	5.503	n/a	Poor condition. Monument laying on grass beside PVC stick up. No J-cap, duct tape around edge of PVC securing HydraSleeve string. HydraSleeve likely causing blockage in well - blocked to 2.810 mbTOC. Unable to remove HydraSleeve.
MW433	W33	6.926	unknown	unknown	n/a	9/05/2023 14:03	1.513	5.413	n/a	Return visit due to HydraSleeve blockage. Poor condition. Monument laying on grass beside PVC stick up. Monument was placed back on well after sampling with bailer. Well blocked to 2.810 mbTOC.
MW433	W33	6.926	unknown	unknown	2.5	23/11/2023 9:30	1.808	5.118	3.44	Good condition. J-cap missing and replaced.
MW466	W66	4.320	1.0	4.0	2.2	16/11/2021 11:18	1.475	2.845	3.23	Good condition. Monument incorrectly labelled MW467.
MW466	W66	4.320	1.0	4.0	2.2	19/05/2022 10:32	1.550	2.770	3.21	Good condition.
MW466	W66	4.320	unknown	unknown	2.2	10/11/2022 9:52	1.602	2.718	3.21	Good condition.
MW466	W66	4.320	unknown	unknown	2.0	10/05/2023 10:12	1.710	2.610	3.22	Good condition.
MW466	W66	4.320	unknown	unknown	2.0	22/11/2023 14:19	1.914	2.406	3.23	Good condition.
MW468	W68	4.020	1.0	4.0	3.0	16/11/2021 11:37	1.155	2.865	4.05	Good condition.
MW468	W68	4.020	1.0	4.0	3.0	19/05/2022 10:04	1.200	2.820	4.06	Good condition.
MW468	W68	4.020	unknown	unknown	3.0	10/11/2022 9:42	1.213	2.807	4.04	Good condition.
MW468	W68	4.020	unknown	unknown	2.5	10/05/2023 10:01	1.285	2.735	4.04	Good condition.
MW468	W68	4.020	unknown	unknown	3.0	22/11/2023 14:30	1.547	2.473	4.03	Good condition.
MW471	W71	4.074	1.0	4.0	2.0	10/05/2023 9:52	1.100	2.974	3.40	Good condition.
MW814	PS7_BORE 46	n/a	n/a	n/a	n/a	18/11/2021 9:00	n/a	n/a	n/a	Hunter Water Corporation pump station bore. Not found, likely flooded.
MW814	PS7_BORE 46	n/a	n/a	n/a	n/a	30/05/2022 12:24	n/a	n/a	n/a	Well located within flooded area. Not gauged
MW826	PS9_BORE 1	n/a	n/a	n/a	n/a	15/11/2021 15:30	n/a	n/a	n/a	Hunter Water Corporation pump station bore. Not found, likely burried by sand and attempted twice to locate.
MW826	PS9_BORE 1	n/a	n/a	n/a	n/a	30/05/2022 14:10	n/a	n/a	n/a	Well not found
MW829	PS9_BORE 30, MW652	n/a	n/a	n/a	n/a	15/11/2021 15:55	1.080	n/a	11.97	Hunter Water Corporation pump station bore.
MW829	PS9_BORE 30, MW652	n/a	n/a	n/a	n/a	30/05/2022 14:20	0.270	n/a	11.97	Good condition.
MW829	PS9_BORE 30, MW652	n/a	n/a	n/a	n/a	8/11/2022 14:00	n/a	n/a	n/a	Not traditional monitoring well. Not gauged.

Table T1 - Groundwater Gauging and Observations

Location Code	Alternative Name	Top of Casing (mAHD)	Top Screen (mbgl)	Bottom Screen (mbgl)	HydraSleeve Collar Depth (mbTOC)	Visit / Gauging Date Time	Water Depth (mbTOC)	Water Elevation (mAHD)	Depth to Base of Well (mbTOC)	Visit / Gauging Comment
MW829	PS9_BORE 30, MW652	n/a	n/a	n/a	n/a	11/05/2023 13:13	n/a	n/a	11.97	Good condition (not traditional well, PVC stick up with cap, not gauged).
MW829	PS9_BORE 30, MW652	n/a	n/a	n/a	n/a	23/11/2023 12:59	2.902	n/a	11.97	Good condition.
MW842	SK3496_D	unknown	unknown	unknown	n/a	2/06/2022 9:27	0.650	n/a	5.99	Good condition.
MW842	SK3496_D	unknown	unknown	unknown	n/a	18/05/2023 13:23	1.198	n/a	18.03	Good condition. Narrow PVC pipe, HydraSleeves cannot be installed.
MW844	SK3496_S	unknown	unknown	unknown	n/a	2/06/2022 9:40	0.770	n/a	8.85	Good condition.
MW844	SK3496_S	unknown	unknown	unknown	n/a	18/05/2023 13:00	1.133	n/a	6.00	Good condition. Narrow PVC pipe, HydraSleeves cannot be installed.
POT046	BWS046	n/a	n/a	n/a	n/a	27/05/2022 10:41	n/a	n/a	n/a	Residential bore tap
POT046	BWS046	n/a	n/a	n/a	n/a	16/05/2023 14:20	n/a	n/a	n/a	Residential bore tap
POT085	BWS085	n/a	n/a	n/a	n/a	19/11/2021 10:39	n/a	n/a	n/a	Residential bore tap.
POT085	BWS085	n/a	n/a	n/a	n/a	16/05/2022 15:25	n/a	n/a	n/a	Residential bore tap
POT085	BWS085	n/a	n/a	n/a	n/a	15/05/2023 14:38	n/a	n/a	n/a	Residential bore tap
POT087	BWS087	n/a	n/a	n/a	n/a	27/05/2022 11:26	n/a	n/a	n/a	Residential bore tap
POT087	BWS087	n/a	n/a	n/a	n/a	17/05/2023 11:05	n/a	n/a	n/a	Residential bore tap
POT089	BWS089	n/a	n/a	n/a	n/a	27/05/2022 11:49	n/a	n/a	n/a	Residential bore tap
POT089	BWS089	n/a	n/a	n/a	n/a	17/05/2023 11:15	n/a	n/a	n/a	Residential bore tap
POT107	BWS107	n/a	n/a	n/a	n/a	31/05/2022 11:16	n/a	n/a	n/a	Residential bore tap
POT107	BWS107	n/a	n/a	n/a	n/a	14/11/2022 13:00	n/a	n/a	n/a	Residential bore tap.
POT107	BWS107	n/a	n/a	n/a	n/a	15/05/2023 15:28	n/a	n/a	n/a	Residential bore tap
POT144	BWS144	n/a	n/a	n/a	n/a	16/05/2022 9:10	n/a	n/a	n/a	Residential bore tap
POT144	BWS144	n/a	n/a	n/a	n/a	17/05/2023 10:20	n/a	n/a	n/a	Residential bore tap
POT236	BWS236	n/a	n/a	n/a	n/a	18/05/2022 14:50	n/a	n/a	n/a	Residential bore tap
POT236	BWS236	n/a	n/a	n/a	n/a	16/05/2023 12:50	n/a	n/a	n/a	Residential bore tap
POT257	BWS257	n/a	n/a	n/a	n/a	18/05/2022 15:11	n/a	n/a	n/a	Residential bore tap
POT257	BWS257	n/a	n/a	n/a	n/a	16/05/2023 12:07	n/a	n/a	n/a	Residential bore tap
POT382		n/a	n/a	n/a	n/a	12/11/2021 10:37	n/a	n/a	n/a	Residential bore tap.
POT382		n/a	n/a	n/a	n/a	18/05/2022 10:02	n/a	n/a	n/a	Residential bore tap
POT382		n/a	n/a	n/a	n/a	14/11/2022 16:32	n/a	n/a	n/a	Residential bore tap.
POT382		n/a	n/a	n/a	n/a	17/05/2023 13:43	n/a	n/a	n/a	Residential bore tap
POT382		n/a	n/a	n/a	n/a	28/11/2023 8:15	n/a	n/a	n/a	Residential bore tap.

Notes

mbgl	meters below ground level
mbTOC	meters below Top of Casing
mAHD	meters Australian Height Datum
n/a	Not applicable
-	Not measured

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW103D	n/a	Unable to access due to dense bushland and wet/overgrown tracks.	n/a	n/a	n/a	n/a	n/a	n/a
MW103S	n/a	Unable to access due to dense bushland and wet/overgrown tracks.	n/a	n/a	n/a	n/a	n/a	n/a
MW104D	17/05/2022 8:45	Clear, low turbidity, no odour, no sheen. Black suspended particulates at base of Hydrasleeve.	1.53	19.2	92.1	5.92	-26.0	179.8
MW104D	17/05/2023 8:50	Brown/orange, no turbidity, organic odour, no sheen.	1.36	16.7	159.0	5.37	-12.9	192.9
MW104S	17/05/2022 8:45	Light Yellow, low turbidity, no odour, no sheen. Black suspended particles.	10.70	19.4	233.0	5.24	-75.0	130.8
MW104S	17/05/2023 8:27	Light yellow, low turbidity, sulfurous odour, no sheen.	1.98	17.8	202.1	5.09	-26.8	179.0
MW106D	8/11/2021 12:51	Clear, no turbidity, no odour, no sheen.	1.10	20.5	190.6	5.58	55.2	261.0
MW106D	24/05/2022 9:00	Clear, low turbidity, sulfurous odour, no sheen. Brown organic sediment at base of Hydrasleeve.	0.39	18.5	364.0	6.06	19.0	224.8
MW106D	8/11/2022 15:54	Light brown, low turbidity, no odour, no sheen.	1.08	19.7	145.2	5.22	61.6	267.4
MW106D	8/05/2023 13:10	Light yellow, low turbidity, sulfurous odour, no sheen. Organic matter at base of HydraSleeve.	0.99	19.9	150.2	5.08	-4.7	201.1
MW106D	23/11/2023 8:26	Light brown, low turbidity, sulfurous odour, no sheen.	1.46	20.1	150.0	5.70	-25.4	180.4
MW106S	8/11/2021 12:48	Light yellow, low turbidity, no odour, no sheen.	0.36	19.8	1,053.0	6.58	16.8	222.6
MW106S	24/05/2022 9:06	Clear, low turbidity, no odour, no sheen. Brown fine sand sediment at base of Hydrasleeve.	1.25	19.0	107.7	5.05	51.8	257.6
MW106S	8/11/2022 15:47	Clear, no turbidity, no odour, no sheen. Trace suspended solids at base of hydrasleeve.	0.79	18.6	112.2	5.29	142.0	347.8
MW106S	8/05/2023 12:43	Clear, no turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.28	19.4	117.6	5.25	155.1	360.9
MW106S	23/11/2023 8:21	Clear, low turbidity, organic odour, no sheen.	1.18	19.3	216.6	5.90	-33.8	172.0
MW107D	17/11/2021 9:15	Clear, low turbidity, no odour, no sheen. Sediment at base of Hydrasleeve.	2.43	18.7	165.9	6.10	-98.0	107.8
MW107D	11/11/2022 11:17	Clear, low turbidity, no odour, no sheen.	1.07	21.8	157.7	5.27	80.3	286.1
MW107D	12/05/2023 10:30	Clear, low turbidity, no odour, no sheen.	0.85	18.0	118.1	5.20	15.1	220.9
MW107D	23/11/2023 10:42	Clear, no turbidity, no odour, no sheen.	1.01	18.8	130.1	6.00	-122.4	83.4
MW107S	17/11/2021 9:02	Light yellow, medium turbidity, no odour, no sheen. Brown suspended organic material and sediment at base of Hydrasleeve.	2.49	16.3	260.1	6.35	-83.9	121.9
MW107S	11/11/2022 11:10	Yellow, low turbidity, sulfurous odour, no sheen. Surface water ingress, suspended solids.	0.62	20.8	212.2	5.17	68.5	274.3
MW107S	12/05/2023 10:30	Clear, medium turbidity, no odour, no sheen.	2.08	17.8	116.1	5.26	23.4	229.2
MW107S	23/11/2023 10:46	Clear, no turbidity, no odour, no sheen.	1.84	18.3	101.7	5.15	-88.4	117.4
MW108D	10/11/2021 12:54	Orange / Brown, high turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve.	1.63	21.8	175.2	6.21	19.0	224.8
MW108D	19/05/2022 10:58	Clear, low turbidity, no odour, no sheen. Brown suspended silt.	1.30	18.7	226.4	5.50	42.2	248.0
MW108D	10/11/2022 10:23	Brown/orange, high turbidity, sulfurous odour, no sheen. Fine brown suspended solids. Suspended solids settling in bottom of hydrasleeve.	1.78	19.5	255.0	6.07	-19.5	186.3
MW108D	10/05/2023 10:52	Light brown, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	4.67	18.4	189.0	5.97	16.0	221.8
MW108D	22/11/2023 14:15	Brown, high turbidity, no odour, no sheen.	3.90	20.8	288.4	6.52	-123.3	82.5
MW108S	10/11/2021 13:08	Clear, no turbidity, no odour, no sheen. Trace organic suspended particulates.	1.26	20.3	97.0	4.95	-53.6	152.2
MW108S	19/05/2022 11:17	Clear, low turbidity, no odour, no sheen. No Hydrasleeve present, sample collected with bailer. New Hydrasleeve installed.	1.21	18.1	82.4	4.80	74.9	280.7
MW108S	10/11/2022 10:16	Clear, low turbidity, sulfurous odour, no sheen. Fine yellow suspended solids.	4.41	19.2	89.6	4.85	1.2	207.0
MW108S	10/05/2023 10:59	Clear, no turbidity, no odour, no sheen.	1.93	18.8	78.1	4.79	93.8	299.6
MW108S	22/11/2023 14:00	Brown, high turbidity, organic odour, no sheen.	5.87	21.0	345.3	3.29	110.6	316.4
MW109D	16/11/2021 12:01	Light yellow, no turbidity, no odour, no sheen.	2.55	18.2	275.3	5.65	-98.6	107.2
MW109D	19/05/2022 10:05	Yellow, low turbidity, no odour, no sheen. Suspended organic matter. No Hydrasleeve present, sample collected with bailer. New Hydrasleeve installed.	4.98	16.3	304.0	5.28	16.8	222.6
MW109D	10/11/2022 9:30	Yellow, low turbidity, sulfurous odour, no sheen.	2.41	17.8	274.7	5.21	-93.2	112.6
MW109D	26/05/2023 11:45	Yellow, low turbidity, organic odour, no sheen. Organic matter and sediment at base of HydraSleeve.	2.59	19.6	148.2	6.75	32.0	237.8
MW109D	22/11/2023 14:43	Yellow, no turbidity, sulfurous odour, no sheen.	1.12	20.0	760.0	5.72	-116.2	89.6
MW118	9/11/2021 12:42	Light yellow, low turbidity, sulfurous odour, no sheen.	2.71	21.8	134.5	5.10	-202.6	3.2
MW118	17/05/2022 9:49	Light Brown, no turbidity, no odour, no sheen. Brown organic matter at base of Hydrasleeve.	1.43	18.6	196.5	6.14	28.0	233.8
MW118	7/11/2022 12:38	Clear, no turbidity, sulfurous odour, no sheen. Trace orange suspended solids.	2.72	20.6	132.8	5.11	-64.2	141.6
MW118	28/11/2023 10:24	Light brown, medium turbidity, organic odour, no sheen.	0.73	22.0	193.0	5.72	-50.9	154.9
MW118	n/a	Unable to sample due to well damage and blockage in well above screen.	n/a	n/a	n/a	n/a	n/a	n/a
MW121	9/11/2021 8:47	Light yellow, no odour, no sheen. Suspended orange particulates.	0.93	20.3	1,381.0	7.26	-147.6	58.2
MW121	18/05/2022 14:17	Clear, low turbidity, sulfurous odour, no sheen. Fine suspended organic matter at base of Hydrasleeve.	2.25	21.2	274.6	6.15	-11.2	194.6

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW121	8/11/2022 11:55	Clear, no turbidity, no odour, no sheen. Trace suspended solids.	1.02	21.9	95.6	5.71	-103.8	102.0
MW121	9/05/2023 15:10	Clear, no turbidity, no odour, no sheen.	2.10	20.6	326.2	6.05	18.4	224.2
MW121	20/11/2023 14:57	Light brown, no turbidity, no odour, no sheen. Sediment at base of Hydrasleeve.	0.79	19.6	94.6	6.30	-132.9	72.9
MW122	18/05/2022 13:15	Brown, high turbidity, no odour, no sheen. silt at base of Hydrasleeve.	0.83	20.6	405.1	5.66	106.3	312.1
MW122	10/11/2022 15:08	Light yellow, low turbidity, organic odour, no sheen. Black suspended solids.	1.12	19.8	450.4	5.59	33.9	239.7
MW122	19/05/2023 8:22	Brown, medium turbidity, sulfurous odour, no sheen. Sediment at base of HydraSleeve.	1.81	16.9	405.6	5.77	-18.5	187.3
MW122	21/11/2023 10:52	Orange, high turbidity, organic odour, biosheen.	0.68	20.4	849.0	6.05	-150.2	55.6
MW123	9/11/2021 13:18	Yellow, medium turbidity, no odour, no sheen. Trace brown suspended particulates, likely organic.	2.37	21.0	338.3	6.31	28.4	234.2
MW123	18/05/2022 12:43	Light Brown, medium turbidity, no odour, no sheen. Silt at base of Hydrasleeve.	1.76	21.5	162.3	6.06	75.0	280.8
MW123	8/11/2022 11:23	Brown/orange, medium turbidity, no odour, no sheen. Suspended solids.	1.30	20.0	202.5	5.99	10.1	215.9
MW123	9/05/2023 13:10	Light yellow, low turbidity, no odour, no sheen.	1.22	20.8	1,328.0	6.30	32.8	238.6
MW123	21/11/2023 13:02	Brown, low turbidity, no odour, no sheen. Sediment at base of Hydrasleeve.	1.07	22.5	279.2	6.26	-48.8	157.0
MW124	9/11/2021 15:55	Yellow / Brown, medium turbidity, no odour, no sheen. Orange suspended organic material.	1.24	21.2	83.1	5.76	-171.5	34.3
MW124	16/05/2022 14:45	Light Yellow, low turbidity, no odour, no sheen.	3.25	21.7	69.4	5.04	61.2	267.0
MW124	9/11/2022 8:33	Yellow, no turbidity, sulfurous odour, no sheen.	1.73	19.3	106.2	-*	5.0	210.8
MW124	9/05/2023 14:54	Light yellow, medium turbidity, no odour, no sheen.	0.96	19.9	109.8	5.35	10.0	215.8
MW124	21/11/2023 14:20	Yellow, no turbidity, sulfurous odour, no sheen.	2.29	21.1	161.0	5.75	-60.4	145.4
MW125D	9/11/2021 14:42	Light grey, low turbidity, no odour, no sheen.	1.83	21.0	695.0	6.47	-216.8	-11.0
MW125D	9/11/2022 9:18	Light brown, low turbidity, no odour, no sheen.	1.70	21.2	161.8	6.11	-108.5	97.3
MW125D	9/05/2023 14:39	Light brown, medium turbidity, no odour, no sheen.	1.17	19.0	1,103.0	5.75	0.6	206.4
MW125D	21/11/2023 15:10	Grey, low turbidity, organic odour, no sheen.	0.85	21.3	1,401.0	6.31	-58.2	147.6
MW125S	9/11/2021 14:59	Orange / Brown, high turbidity, no odour, no sheen. Orange suspended organic material.	1.89	20.2	460.9	6.05	-16.3	189.5
MW125S	9/11/2022 9:03	Brown/orange, medium turbidity, no odour, no sheen.	1.38	20.4	506.0	5.64	12.6	218.4
MW125S	9/05/2023 14:34	Light brown, low turbidity, no odour, no sheen.	1.46	20.6	468.3	5.59	64.0	269.8
MW125S	21/11/2023 14:55	Brown/orange, high turbidity, organic odour, no sheen.	1.21	22.0	553.0	6.06	3.6	209.4
MW126D	9/11/2021 14:45	Clear, no turbidity, no odour, no sheen.	1.12	23.0	173.4	6.48	-72.9	132.9
MW126D	31/05/2022 13:12	Light Brown, no turbidity, no odour, no sheen. Fine grey sediment at base of Hydrasleeve.	0.80	18.2	90.7	5.94	70.2	276.0
MW126D	9/11/2022 12:19	Light yellow, low turbidity, no odour, no sheen.	0.44	21.2	143.0	6.19	-4.6	201.2
MW126D	11/05/2023 13:54	Brown/orange, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve. Suspended organic m	1.49	20.3	252.3	6.24	4.0	209.8
MW126D	23/11/2023 10:09	Light brown, low turbidity, no odour, no sheen.	0.68	22.0	251.2	6.63	-68.9	136.9
MW126S	9/11/2021 14:33	Grey / Brown, no odour, no sheen.	0.80	23.9	223.3	6.61	-100.4	105.4
MW126S	31/05/2022 13:19	Light Brown, low turbidity, no odour, no sheen. No Hydrasleeve present, sample collected with bailer. New Hydrasleeve installed.	3.50	17.8	139.3	6.20	64.9	270.7
MW126S	9/11/2022 12:28	Light yellow, no turbidity, no odour, no sheen. Orange suspended solids.	1.42	18.7	204.4	6.20	-18.0	187.8
MW126S	11/05/2023 13:45	Light brown, low turbidity, no odour, no sheen. Suspended particulates.	1.15	21.7	203.1	6.43	0.5	206.3
MW126S	23/11/2023 9:56	Brown, medium turbidity, no odour, no sheen.	0.78	21.5	320.2	6.45	-73.1	132.7
MW128D	11/11/2021 14:04	Black / Grey, low turbidity, no odour, no sheen.	1.77	18.7	1,478.0	7.28	-187.6	18.2
MW128D	16/05/2022 11:45	Clear, low turbidity, no odour, no sheen.	0.40	20.1	1,356.0	6.93	-87.0	118.8
MW128D	7/11/2022 12:32	Clear, low turbidity, no odour, no sheen.	1.50	20.4	1,533.0	7.81	-103.9	101.9
MW128D	9/05/2023 11:45	Light yellow, low turbidity, sulfurous odour, no sheen. Organic matter at base of HydraSleeve.	1.22	18.3	1,572.0	7.79	-155.7	50.1
MW128D	28/11/2023 10:47	Light brown, no turbidity, organic odour, no sheen.	1.07	19.3	1,526.0	7.46	-189.9	15.9
MW128S	11/11/2021 10:50	Black / Grey, low turbidity, no odour, no sheen.	1.56	19.0	8,836.0	7.28	-87.4	118.4
MW128S	16/05/2022 12:00	Clear, no turbidity, organic odour, no sheen. Black suspended particles.	1.08	23.2	6,433.0	6.50	9.0	214.8
MW128S	7/11/2022 12:20	Clear, no turbidity, no odour, no sheen.	5.00	21.1	5,778.0	7.44	25.0	230.8
MW128S	9/05/2023 11:34	Clear, low turbidity, sulfurous odour, no sheen.	1.54	18.3	7,357.0	7.36	-106.2	99.6
MW128S	28/11/2023 10:55	Light yellow, no turbidity, organic odour, no sheen.	5.73	18.4	6,255.0	7.87	-84.3	121.5
MW130D	15/11/2021 14:02	Light brown, low turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve.	1.66	19.8	134.5	5.29	15.3	221.1
MW130D	1/06/2022 10:12	Grey / Brown, medium turbidity, organic odour, no sheen. Grey sand at base of Hydrasleeve.	0.55	16.0	251.7	5.21	23.6	229.4
MW130D	8/11/2022 13:34	Clear, no turbidity, no odour, no sheen.	1.70	19.3	183.6	5.04	-80.7	125.1
MW130D	11/05/2023 13:50	Clear, medium turbidity, sulfurous odour, no sheen.	1.38	18.1	117.2	4.62	-16.6	189.2

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW130D	27/11/2023 12:28	Clear, no turbidity, no odour, no sheen.	2.91	20.9	130.5	4.92	-62.1	143.7
MW130S	15/11/2021 14:12	Brown, medium turbidity, sulfurous odour, no sheen. Brown suspended organic material, some settling at base of Hydrasleeve.	1.43	19.0	203.1	5.02	-44.3	161.5
MW130S	8/11/2022 13:25	Brown, medium turbidity, no odour, no sheen. Suspended solids.	2.55	20.9	156.7	4.21	5.6	211.4
MW130S	11/05/2023 13:53	Brown, high turbidity, sulfurous odour, no sheen.	0.69	17.5	103.8	3.98	8.7	214.5
MW130S	27/11/2023 12:25	Light brown, no turbidity, sulfurous odour, no sheen.	0.52	21.9	156.6	4.56	-72.6	133.2
MW132D	15/11/2021 11:57	Clear, low turbidity, no odour, no sheen. Suspended organic material.	2.86	20.2	202.9	5.63	62.0	267.8
MW132D	30/05/2022 14:00	Light Yellow, medium turbidity, sulfurous odour, no sheen. Brown sand at base of Hydrasleeve.	0.82	18.6	169.1	4.90	83.0	288.8
MW132D	8/11/2022 13:08	Brown, medium turbidity, sulfurous odour, no sheen. Sand and suspended solids in sleeve.	3.03	24.2	239.5	5.71	23.0	228.8
MW132D	11/05/2023 11:56	Yellow, high turbidity, sulfurous odour, no sheen.	0.66	20.2	198.5	5.19	-67.1	138.7
MW132D	23/11/2023 14:03	Clear, no turbidity, no odour, no sheen.	0.98	21.4	211.4	5.60	-96.9	108.9
MW132S	15/11/2021 12:12	Light yellow, low turbidity, organic odour, no sheen. Brown organic material at base of Hydrasleeve.	1.87	18.9	137.2	5.07	65.5	271.3
MW132S	30/05/2022 13:52	Light Brown, medium turbidity, sulfurous odour, no sheen. Suspended brown organic matter and sediment at base of Hydrasleeve.	1.50	19.0	140.0	4.42	105.0	310.8
MW132S	8/11/2022 13:12	Clear, no turbidity, sulfurous odour, no sheen. Orange suspended solids in sleeve.	3.05	21.9	161.6	5.13	48.9	254.7
MW132S	11/05/2023 12:04	Light yellow, medium turbidity, sulfurous odour, no sheen.	0.55	19.6	135.6	4.62	-17.6	188.2
MW132S	23/11/2023 14:16	Light brown, no turbidity, no odour, no sheen.	0.75	24.4	158.2	5.13	-76.0	129.8
MW134D	18/11/2021 9:41	Clear, low turbidity, no odour, no sheen. Sandy sediment at base of Hydrasleeve.	2.41	20.8	164.8	5.13	-31.4	174.4
MW134D	30/05/2022 11:49	Clear, no turbidity, no odour, no sheen.	0.71	18.3	159.4	4.52	91.4	297.2
MW134D	14/11/2022 9:50	Clear, no turbidity, no odour, no sheen.	5.28	20.4	249.3	4.88	138.1	343.9
MW134D	12/05/2023 8:36	Clear, no turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.19	16.9	164.9	4.73	215.0	420.8
MW134D	22/11/2023 10:38	Clear, no turbidity, no odour, no sheen.	1.43	19.1	188.7	5.18	13.7	219.5
MW134I	18/11/2021 9:23	Light yellow, low turbidity, sulfurous odour, no sheen. Sandy sediment at base of Hydrasleeve.	2.50	22.8	191.8	4.58	14.2	220.0
MW134I	30/05/2022 11:41	Light Yellow, no turbidity, organic odour, no sheen. Brown suspended sediment.	1.06	18.5	151.2	3.82	138.2	344.0
MW134I	14/11/2022 9:56	Clear, low turbidity, sulfurous odour, no sheen. Water colour becoming light brown in bottom of hydrasleeve.	1.91	18.8	188.1	4.39	64.6	270.4
MW134I	12/05/2023 8:48	Clear, no turbidity, no odour, no sheen.	0.77	18.3	156.9	4.37	13.0	218.8
MW134I	22/11/2023 10:28	Clear, no turbidity, no odour, no sheen.	0.76	20.0	200.6	4.57	-20.5	185.3
MW137	24/05/2022 15:37	Orange / Brown, medium turbidity, no odour, no sheen. Brown suspended sediment and organic matter.	2.70	19.2	184.9	4.17	158.8	364.6
MW137	18/05/2023 15:04	Yellow, low turbidity, sulfurous odour, no sheen.	2.06	17.7	303.5	4.93	-35.4	170.4
MW139	31/05/2022 10:58	Dark Brown, medium turbidity, sulfurous odour, no sheen. Fine suspended sediment. Organic matter floating on top of Hydrasleeve.	1.09	17.5	322.7	4.93	32.4	238.2
MW139	14/11/2022 12:53	Brown, low turbidity, no odour, no sheen.	1.23	20.7	401.9	5.84	-84.5	121.3
MW139	15/05/2023 15:20	Light yellow, no turbidity, sulfurous odour, no sheen.	0.99	20.4	312.8	5.01	42.9	248.7
MW139	27/11/2023 10:58	Light yellow, no turbidity, no odour, no sheen.	1.25	23.2	1,169.0	5.33	-55.2	150.6
MW140	16/05/2022 15:15	Brown, medium turbidity, sulfurous odour, no sheen. Suspended sediment.	1.25	21.0	90.9	4.76	59.9	265.7
MW140	18/05/2023 14:44	Brown, low turbidity, sulfurous odour, no sheen.	1.48	19.0	187.3	4.79	-3.1	202.7
MW146AD	9/11/2021 15:53	Light yellow, low turbidity, sulfurous odour, no sheen.	1.13	22.4	299.3	6.61	-160.3	45.5
MW146AD	31/05/2022 12:32	Grey / Brown, medium turbidity, sulfurous odour, no sheen. Suspended silt and fine brown organic matter. Grey sand at base of Hydrasleeve.	0.53	18.7	141.1	6.03	-24.8	181.0
MW146AD	9/11/2022 10:36	Light yellow, no turbidity, no odour, no sheen.	1.37	20.3	144.0	6.37	-8.5	197.3
MW146AD	9/05/2023 14:08	Light yellow, low turbidity, no odour, no sheen.	0.94	19.1	399.3	5.91	38.6	244.4
MW146AD	23/11/2023 11:10	Grey, high turbidity, organic odour, no sheen.	0.70	21.0	334.3	6.51	-72.0	133.8
MW146S	9/11/2021 15:55	Light brown, medium turbidity, no odour, no sheen.	2.20	20.5	258.2	6.44	-22.9	182.9
MW146S	9/11/2022 10:26	Light yellow, low turbidity, no odour, no sheen. Organic matter (algae-like) at base of hydrasleeve.	2.71	20.2	407.1	5.90	44.2	250.0
MW146S	9/05/2023 14:00	Light brown, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	1.28	19.9	463.1	5.79	144.8	350.6
MW146S	24/11/2023 9:34	Orange, medium turbidity, no odour, no sheen.	0.79	22.1	1,022.0	6.47	-30.0	175.8
MW147D	17/05/2022 13:30	Clear, low turbidity, no odour, no sheen.	5.78	20.4	35,940.0	6.00	45.5	251.3
MW147D	15/05/2023 12:35	Black/grey, high turbidity, no odour, no sheen.	1.05	19.9	31,629.0	6.20	-3.8	202.0
MW147S	17/05/2022 13:15	Brown, medium turbidity, no odour, no sheen.	7.45	20.5	20,110.0	6.15	96.2	302.0

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW147S	15/05/2023 12:53	Black/grey, high turbidity, no odour, no sheen.	1.31	20.5	14,542.0	6.61	-99.8	106.0
MW150D	10/05/2023 15:13	Light yellow, medium turbidity, no odour, no sheen.	1.21	18.6	144.9	5.48	90.9	296.7
MW150S	10/05/2023 15:13	Light yellow, low turbidity, no odour, no sheen.	2.12	19.3	404.0	5.95	96.1	301.9
MW155	8/05/2023 12:17	Light yellow, low turbidity, no odour, no sheen.	0.88	21.1	217.0	5.60	112.8	318.6
MW156D	8/11/2021 15:24	Clear, no turbidity, no odour, no sheen.	1.38	21.5	259.8	6.08	8.3	214.1
MW156D	24/05/2022 10:50	Light Brown, medium turbidity, no odour, no sheen. Sand and organic sludge at base of Hydrasleeve.	5.83	18.7	263.8	5.57	51.5	257.3
MW156D	8/11/2022 11:07	Clear, no turbidity, no odour, no sheen.	3.36	24.3	283.6	6.30	-5.4	200.4
MW156D	8/05/2023 9:45	Clear, no turbidity, no odour, no sheen.	2.76	17.1	331.1	5.87	59.6	265.4
MW156D	23/11/2023 9:20	Light brown, low turbidity, organic odour, no sheen.	1.57	19.8	274.0	6.34	-94.9	110.9
MW158D	1/06/2022 10:49	Clear, no turbidity, no odour, no sheen. Well flooded up to toc. Overflowed when opened. Fine black suspended particles.	1.07	16.5	366.0	5.85	8.5	214.3
MW158D	8/05/2023 15:00	Clear, no turbidity, no odour, no sheen.	2.28	19.1	124.0	5.64	-8.7	197.1
MW158S	1/06/2022 10:56	Clear, low turbidity, sulfurous odour, no sheen. Suspended brown organic matter.	1.12	16.6	130.9	4.92	14.0	219.8
MW158S	8/05/2023 15:04	Brown, medium turbidity, organic odour, no sheen.	1.69	19.3	139.5	4.94	87.7	293.5
MW159D	1/06/2022 9:29	Light Grey, medium turbidity, organic odour, no sheen. Fine brown sand at base of Hydrasleeve.	1.20	16.9	388.0	5.31	74.6	280.4
MW159D	11/05/2023 8:58	Light brown, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	0.21	16.2	139.2	6.78	-86.2	119.6
MW159S	1/06/2022 9:23	Dark Brown, high turbidity, organic odour, no sheen. Brown suspended particles.	2.45	14.8	172.8	4.75	129.2	335.0
MW159S	11/05/2023 8:57	Dark brown, high turbidity, organic odour, no sheen. Sediment at base of HydraSleeve.	1.24	18.5	193.4	5.08	88.2	294.0
MW160	15/11/2021 15:02	Brown, medium turbidity, sulfurous odour, no sheen. Brown organic material at base of Hydrasleeve.	1.71	21.7	179.6	4.94	-23.3	182.5
MW160	31/05/2022 8:54	Light Yellow, low turbidity, no odour, no sheen.	0.95	16.9	373.2	4.13	98.7	304.5
MW160	8/11/2022 14:06	Yellow, low turbidity, sulfurous odour, no sheen.	1.78	20.2	188.0	4.88	19.9	225.7
MW160	11/05/2023 11:20	Light yellow, medium turbidity, sulfurous odour, no sheen. Suspended organic matter.	1.16	19.0	137.5	4.52	-31.8	174.0
MW160	23/11/2023 13:11	Light brown, low turbidity, sulfurous odour, no sheen. Sediment at base of Hydrasleeve.	0.89	19.9	179.3	4.79	-61.8	144.0
MW161D	1/06/2022 11:32	Light Brown, low turbidity, no odour, no sheen. Small amount of brown suspended organic matter.	1.12	16.6	181.0	5.25	123.4	329.2
MW161D	11/05/2023 14:34	Clear, low turbidity, no odour, no sheen.	1.38	19.1	160.5	5.83	-0.6	205.2
MW161S	1/06/2022 11:39	Light Yellow, medium turbidity, organic odour, no sheen. Sediment at base of Hydrasleeve.	1.66	16.4	227.0	4.82	61.3	267.1
MW161S	11/05/2023 14:34	Light yellow, medium turbidity, septic odour, no sheen.	0.73	20.5	166.8	4.69	-33.0	172.8
MW162D	12/11/2021 8:38	Light brown, low turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve.	2.48	19.6	142.0	6.20	103.2	309.0
MW162D	18/05/2022 13:56	Light Brown, low turbidity, no odour, no sheen. Silt at base of Hydrasleeve.	1.31	19.4	132.5	5.59	112.3	318.1
MW162D	7/11/2022 11:13	Light brown, low turbidity, organic odour, no sheen.	2.93	21.9	340.9	4.65	160.7	366.5
MW162D	9/05/2023 13:34	Light brown, low turbidity, no odour, no sheen.	1.14	19.4	128.0	5.41	157.3	363.1
MW162D	21/11/2023 10:12	Clear, no turbidity, organic odour, no sheen.	0.98	22.0	143.5	6.04	-103.1	102.7
MW162S	12/11/2021 8:19	Light brown, low turbidity, no odour, no sheen.	2.98	19.2	82.5	6.45	121.5	327.3
MW162S	18/05/2022 13:41	Clear, low turbidity, no odour, no sheen. Suspended silt at base of Hydrasleeve.	4.20	20.0	60.9	5.86	109.0	314.8
MW162S	7/11/2022 11:24	Clear, no turbidity, no odour, no sheen. Trace suspended solids.	6.24	20.7	100.8	5.54	124.9	330.7
MW162S	9/05/2023 13:28	Clear, low turbidity, no odour, no sheen.	3.90	20.1	109.2	5.66	116.4	322.2
MW162S	21/11/2023 10:24	Dark brown, medium turbidity, no odour, no sheen.	4.02	22.3	96.1	5.80	112.8	318.6
MW163	11/11/2021 14:50	Grey, low turbidity, no odour, no sheen. Black suspended particulates.	1.97	17.1	6,471.0	6.88	-147.4	58.4
MW163	19/05/2022 15:35	Clear, low turbidity, no odour, no sheen. Black silt at base of Hydrasleeve.	1.67	17.6	7,133.0	6.31	83.1	288.9
MW163	7/11/2022 11:48	Light yellow, low turbidity, sulfurous odour, no sheen.	1.69	18.2	4,285.0	6.95	-139.0	66.8
MW163	9/05/2023 13:11	Clear, no turbidity, sulfurous odour, no sheen. Dead ants in HydraSleeve.	1.03	14.9	19.2	6.01	-6.1	199.7
MW163	28/11/2023 12:15	Clear, no turbidity, no odour, no sheen.	1.40	18.8	8,081.0	6.83	-110.5	95.3
MW166	18/11/2021 15:43	Light brown, medium turbidity, no odour, no sheen. Suspended particulates.	1.62	21.2	46.0	5.06	98.5	304.3
MW166	25/05/2022 14:14	Dark Brown, high turbidity, no odour, no sheen. Black organic matter iat base of Hydrasleeve. Suspended light brown sediment.	1.42	19.4	79.3	4.52	159.4	365.2
MW166	9/11/2022 15:05	Light brown, medium turbidity, no odour, no sheen.	7.06	19.4	94.9	5.78	98.8	304.6
MW166	10/05/2023 14:06	Light yellow, low turbidity, septic odour, no sheen.	1.32	19.1	273.5	5.62	48.4	254.2
MW166	22/11/2023 10:15	Yellow/brown, medium turbidity, sulfurous odour, no sheen.	1.00	19.9	303.1	6.29	-52.5	153.3
MW167	18/11/2021 13:52	Brown, medium turbidity, sulfurous odour, no sheen.	4.89	25.0	86.6	5.31	132.3	338.1
MW167	25/05/2022 12:54	Red Orange, medium turbidity, organic odour, no sheen.	1.50	19.0	93.0	5.41	101.7	307.5

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW167	9/11/2022 14:25	Light yellow, low turbidity, no odour, no sheen. Suspended solids.	2.02	20.8	162.0	5.10	-17.5	188.3
MW167	10/05/2023 13:50	Brown, high turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	2.37	20.3	100.3	4.32	199.5	405.3
MW167	22/11/2023 10:36	Brown, high turbidity, organic odour, no sheen.	2.70	20.9	145.7	5.91	-42.5	163.3
MW168	18/11/2021 15:01	Orange / Brown, high turbidity, no odour, no sheen.	1.96	20.6	53.7	5.41	167.1	372.9
MW168	26/05/2022 12:24	Light Brown, medium turbidity, no odour, no sheen.	3.50	20.4	162.8	5.37	73.3	279.1
MW168	9/11/2022 14:29	Dark brown, high turbidity, no odour, no sheen. Brown settled solids in sleeve.	9.54	21.6	69.0	5.95	39.1	244.9
MW168	10/05/2023 14:23	Yellow, medium turbidity, organic odour, no sheen. Sediment at base of HydraSleeve.	3.81	19.8	82.7	5.48	55.0	260.8
MW168	22/11/2023 10:28	Brown, high turbidity, organic odour, no sheen.	1.59	20.9	139.2	5.26	53.5	259.3
MW169D	16/11/2021 10:33	Clear, no turbidity, no odour, no sheen.	1.89	20.6	210.0	6.51	-173.9	31.9
MW169D	19/05/2022 12:36	Clear, low turbidity, no odour, no sheen.	1.64	19.4	100.2	5.80	39.4	245.2
MW169D	9/11/2022 14:07	Clear, medium turbidity, no odour, no sheen.	7.31	24.7	213.1	6.53	30.8	236.6
MW169D	10/05/2023 13:34	Clear, low turbidity, no odour, no sheen.	1.13	20.0	165.1	5.60	149.0	354.8
MW169D	22/11/2023 10:50	Clear, low turbidity, no odour, no sheen.	5.45	20.8	183.8	6.59	-79.4	126.4
MW169S	16/11/2021 10:25	Light brown, medium turbidity, no odour, no sheen.	2.89	19.5	420.1	0.00	8.9	214.7
MW169S	19/05/2022 12:31	Light Brown, medium turbidity, no odour, no sheen. Suspended brown organic matter.	1.57	19.6	79.1	5.33	20.6	226.4
MW169S	9/11/2022 13:56	Light brown, low turbidity, no odour, no sheen. Orange suspended solids.	1.50	21.1	131.7	5.22	139.3	345.1
MW169S	10/05/2023 13:34	Light yellow, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	3.20	21.1	102.5	4.85	202.1	407.9
MW169S	22/11/2023 11:04	Brown, medium turbidity, no odour, no sheen.	2.50	20.6	117.4	5.35	110.4	316.2
MW171D	19/05/2022 11:47	Light Grey, low turbidity, no odour, no sheen. Black silt at base of Hydrasleeve.	0.60	19.1	277.4	5.85	83.4	289.2
MW171D	10/05/2023 11:36	Grey, medium turbidity, organic odour, no sheen.	0.81	18.7	193.5	5.97	-9.4	196.4
MW171S	19/05/2022 11:44	Clear, low turbidity, no odour, no sheen. Suspended silt. No Hydrasleeve present, sample collected with bailer. New Hydrasleeve installed.	2.64	18.7	82.3	4.05	167.7	373.5
MW171S	10/05/2023 11:36	Yellow, low turbidity, no odour, no sheen.	2.11	19.2	93.2	4.42	254.3	460.1
MW172	10/11/2021 11:55	Light brown, low turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve.	1.85	21.1	168.2	4.74	-62.9	142.9
MW172	19/05/2022 12:13	Light Yellow, low turbidity, no odour, no sheen. Suspended organic matter.	0.46	18.6	223.4	4.84	3.6	209.4
MW172	10/11/2022 11:04	Clear, medium turbidity, no odour, no sheen.	1.38	21.3	461.8	5.61	15.8	221.6
MW172	10/05/2023 11:54	Light Yellow, medium turbidity, sulfurous odour, no sheen. Sediment at base of HydraSleeve.	3.35	19.9	251.6	5.71	-92.8	113.0
MW172	22/11/2023 11:28	Brown, medium turbidity, sulfurous odour, no sheen.	2.22	21.1	266.3	5.21	-1.5	204.3
MW175D	16/11/2021 11:08	Clear, no turbidity, no odour, no sheen. Trace suspended organic material and sediment.	1.35	20.5	167.7	6.75	-102.1	103.7
MW175D	19/05/2022 10:19	Clear, low turbidity, no odour, no sheen. Suspended organic matter.	4.79	19.3	183.9	5.49	11.4	217.2
MW175D	10/11/2022 10:02	Clear, low turbidity, sulfurous odour, no sheen. Brown solids in bottom of hydrasleeve.	0.82	21.5	224.2	5.99	-46.5	159.3
MW175D	10/05/2023 10:22	Clear, no turbidity, organic odour, no sheen. Sediment at base of HydraSleeve.	2.22	19.4	217.6	5.99	-7.1	198.7
MW175D	22/11/2023 14:28	Light yellow, low turbidity, organic odour, no sheen.	4.13	22.0	190.8	6.60	-73.5	132.3
MW178	15/11/2021 10:23	Yellow, medium turbidity, no odour, no sheen. Suspended brown organic material.	1.39	19.2	546.0	5.70	-33.9	171.9
MW178	1/06/2022 14:21	Yellow, medium turbidity, sulfurous odour, no sheen. Brown sand at base of Hydrasleeve.	1.09	16.2	339.7	5.09	107.4	313.2
MW178	9/11/2022 12:03	Light brown, medium turbidity, no odour, no sheen. Suspended brown solids in sleeve.	3.50	20.0	657.0	6.00	31.7	237.5
MW178	17/05/2023 15:02	Light brown, low turbidity, sulfurous odour, no sheen. Sediment at base of HydraSleeve.	1.36	17.5	573.4	5.70	-29.8	176.0
MW178	21/11/2023 14:35	Brown, high turbidity, organic odour, no sheen.	2.18	19.4	614.0	5.85	-81.4	124.4
MW179D	16/11/2021 13:42	Light yellow, low turbidity, no odour, no sheen.	2.69	21.6	203.8	6.62	-49.4	156.4
MW179D	19/05/2022 13:56	Light Grey, low turbidity, no odour, no sheen. Black sediment at base of Hydrasleeve.	1.04	19.4	192.7	5.84	32.4	238.2
MW179D	10/11/2022 12:13	Light yellow, medium turbidity, no odour, no sheen.	1.23	22.1	234.2	6.07	-32.0	173.8
MW179D	10/05/2023 14:56	Clear, no turbidity, sulfurous odour, no sheen.	1.20	19.9	142.1	5.70	-21.2	184.6
MW179D	22/11/2023 11:47	Clear, no turbidity, no odour, no sheen. Suspended solids.	0.85	20.3	125.7	5.69	32.6	238.4
MW179S	16/11/2021 13:46	Brown, medium turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve.	2.30	20.3	48.8	5.11	-47.3	158.5
MW179S	19/05/2022 13:48	Clear, medium turbidity, no odour, no sheen. Suspended white matter.	4.35	18.5	48.3	4.80	41.8	247.6
MW179S	10/11/2022 12:03	Dark brown, high turbidity, no odour, no sheen.	2.23	22.0	72.3	4.81	34.3	240.1
MW179S	10/05/2023 14:48	Brown, medium turbidity, no odour, no sheen.	0.97	20.6	95.4	4.65	50.7	256.5
MW179S	22/11/2023 11:54	Light brown, low turbidity, no odour, no sheen. Suspended solids.	0.92	20.6	165.9	4.87	-36.5	169.3
MW184D	17/05/2022 9:20	Clear, low turbidity, no odour, no sheen.	1.51	17.9	37.8	5.80	79.1	284.9
MW184D	17/05/2023 9:21	Light yellow, no turbidity, no odour, no sheen.	1.27	16.6	98.4	5.69	57.7	263.5

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW184S	17/05/2022 9:10	Dark Brown, high turbidity, no odour, no sheen. Suspended sediment and organics.	1.35	18.0	267.4	5.66	66.2	272.0
MW184S	17/05/2023 9:32	Yellow/brown, low turbidity, sulfurous odour, no sheen. Organic matter at base of HydraSleeve.	2.21	17.1	161.8	5.46	-98.9	106.9
MW188D	n/a	Unable to locate. Presumed buried in recent roadworks.	n/a	n/a	n/a	n/a	n/a	n/a
MW188S	31/05/2022 13:44	Grey / Brown, low turbidity, no odour, no sheen. Suspended silt.	1.50	17.9	1,209.0	7.21	67.2	273.0
MW188S	11/05/2023 11:05	Light brown, no turbidity, no odour, no sheen.	1.50	22.8	117.9	6.54	151.4	357.2
MW195	16/05/2022 11:00	Black / Grey, medium turbidity, organic odour, no sheen. Biosheen on water suface.	6.60	19.6	795.0	6.53	51.0	256.8
MW195	9/05/2023 10:19	Clear, low turbidity, organic odour, no sheen. Organic matter at base of HydraSleeve. Suspended organic matte	0.91	18.1	838.0	6.78	-66.4	139.4
MW196	10/11/2021 9:05	Yellow, low turbidity, no odour, no sheen. Black suspended particulates, some at base of Hydrasleeve.	2.81	19.7	69.5	5.27	-84.3	121.5
MW196	30/05/2022 9:26	Yellow, medium turbidity, organic odour, no sheen. Suspended fine brown particulates. Brown organic matter at base of Hydrasleeve.	1.39	19.3	71.7	4.53	151.7	357.5
MW196	9/11/2022 9:00	Clear, no turbidity, no odour, no sheen. Sample collected with bailer.	2.39	21.3	78.2	5.75	166.1	371.9
MW196	10/05/2023 11:03	Light brown, low turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.47	20.9	68.9	4.78	241.3	447.1
MW196	22/11/2023 9:10	Light brown, low turbidity, no odour, no sheen.	1.00	20.6	106.6	4.60	258.8	464.6
MW198	10/11/2021 8:44	Light yellow, low turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve.	1.24	20.8	220.5	5.54	130.2	336.0
MW198	30/05/2022 8:56	Brown, medium turbidity, no odour, no sheen. Brown sand at base of Hydrasleeve.	2.31	19.0	195.6	6.34	114.6	320.4
MW198	9/11/2022 8:35	Light brown, low turbidity, no odour, no sheen.	2.48	19.8	177.4	5.80	168.0	373.8
MW198	10/05/2023 8:35	Brown, medium turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.78	18.2	185.0	5.48	183.3	389.1
MW198	22/11/2023 9:26	Brown, low turbidity, no odour, no sheen.	0.72	21.0	99.2	5.58	-94.2	111.6
MW200	30/05/2022 9:12	Dark Brown, high turbidity, organic odour, no sheen. White suspended organic matter. Brown sand at base of Hydrasleeve.	0.88	18.5	57.4	4.45	95.5	301.3
MW200	10/05/2023 9:45	Light brown, low turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.27	19.4	60.4	4.31	195.4	401.2
MW201D	30/05/2022 8:40	Light Brown, low turbidity, organic odour, no sheen. Suspended brown sediment and organic matter. Second weight inside of Hydrasleeve.	0.96	18.8	301.3	5.60	25.5	231.3
MW201D	10/05/2023 9:06	Brown, low turbidity, no odour, no sheen.	1.94	18.2	100.3	5.88	37.3	243.1
MW201S	30/05/2022 8:24	Light Brown, low turbidity, sulfurous odour, no sheen. Brown organic matter at base of Hydrasleeve. as well as suspended.	1.33	16.8	181.2	4.95	77.6	283.4
MW201S	10/05/2023 9:27	Light yellow, low turbidity, no odour, no sheen.	2.15	17.7	81.9	4.51	255.7	461.5
MW202D	10/11/2021 14:24	Clear, low turbidity, no odour, no sheen. Black suspended particulates.	3.65	20.2	37.0	6.42	43.0	248.8
MW202D	19/05/2022 13:17	Brown, high turbidity, no odour, no sheen. Black matter at base of Hydrasleeve.	1.89	19.2	34.3	6.14	109.9	315.7
MW202D	10/11/2022 12:29	Black/grey, high turbidity, no odour, no sheen.	3.06	20.4	37.1	5.94	76.4	282.2
MW202D	10/05/2023 14:20	Dark grey, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	1.49	19.8	168.5	5.99	17.2	223.0
MW202D	22/11/2023 11:39	Dark grey, medium turbidity, no odour, no sheen.	0.58	21.4	168.9	6.74	-104.7	101.1
MW202S	10/11/2021 14:16	Light yellow, low turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve.	1.97	22.7	141.9	6.23	104.8	310.6
MW202S	19/05/2022 13:08	Clear, medium turbidity, no odour, no sheen. Sand at base of Hydrasleeve.	6.62	20.5	87.5	5.52	146.7	352.5
MW202S	10/11/2022 12:19	Brown/orange, high turbidity, no odour, no sheen. Grey sand settled in bottom of hydrasleeve, fine orange suspended solids in water.	1.50	20.8	116.7	5.33	168.3	374.1
MW202S	10/05/2023 14:26	Grey/brown, high turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.87	20.9	122.8	5.71	98.3	304.1
MW202S	22/11/2023 11:12	Brown, medium turbidity, no odour, no sheen.	0.99	21.9	126.3	5.79	-13.6	192.2
MW208	8/11/2021 13:29	Light yellow, low turbidity, no odour, no sheen.	1.35	22.9	179.8	5.84	120.2	326.0
MW208	24/05/2022 13:33	Clear, low turbidity, no odour, no sheen. Suspended light brown organic matter.	1.99	20.1	163.5	5.47	123.7	329.5
MW208	8/11/2022 15:27	Clear, no turbidity, no odour, no sheen.	2.41	20.8	146.7	5.42	115.8	321.6
MW208	8/05/2023 11:14	Light yellow, no turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	2.18	20.6	151.7	4.91	210.5	416.3
MW208	23/11/2023 13:35	Light yellow, low turbidity, no odour, no sheen.	3.10	23.7	187.6	6.01	139.5	345.3
MW209D	8/11/2021 14:46	Clear, low turbidity, no odour, no sheen.	1.25	25.3	546.0	6.63	-80.0	125.8
MW209D	24/05/2022 11:20	Black / Grey, high turbidity, no odour, no sheen. Grey / black suspended sediment.	2.24	18.4	471.8	5.90	32.1	237.9
MW209D	n/a	Unable to access due to well located beneath stockpiled material.	n/a	n/a	n/a	n/a	n/a	n/a
MW209D	n/a	Unable to access, well buried under stockpiled excavated material.	n/a	n/a	n/a	n/a	n/a	n/a
MW209D	n/a	Unable to access due to well located beneath stockpiled material.	n/a	n/a	n/a	n/a	n/a	n/a
MW209S	8/11/2021 14:46	Clear, low turbidity, no odour, no sheen.	1.09	21.8	271.2	6.05	-82.0	123.8
MW209S	24/05/2022 11:30	Clear, low turbidity, no odour, no sheen. Hydrasleeve blocked in well, sample collected with bailer.	0.32	18.4	305.4	5.76	30.6	236.4

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW209S	n/a	Unable to access due to well located beneath stockpiled material.	n/a	n/a	n/a	n/a	n/a	n/a
MW209S	n/a	Unable to access, well buried under stockpiled excavated material.	n/a	n/a	n/a	n/a	n/a	n/a
MW209S	n/a	Unable to access due to well located beneath stockpiled material.	n/a	n/a	n/a	n/a	n/a	n/a
MW210D	24/05/2022 12:35	Light Brown, low turbidity, no odour, no sheen. Suspended light brown organic matter.	2.67	21.9	67.3	6.10	36.9	242.7
MW210D	8/05/2023 11:39	Grey, medium turbidity, sulfurous odour, no sheen.	1.31	22.3	71.6	5.36	41.9	247.7
MW210S	24/05/2022 12:36	Light Brown, low turbidity, no odour, no sheen. Light brown suspended organic matter.	1.28	22.5	345.9	5.63	97.5	303.3
MW210S	8/05/2023 11:29	Light brown, low turbidity, sulfurous odour, no sheen.	0.76	22.6	137.2	4.87	-24.9	180.9
MW212	8/11/2021 13:13	Grey / Brown, medium turbidity, no odour, no sheen.	1.41	21.0	190.8	6.71	133.0	338.8
MW212	24/05/2022 11:59	Grey / Brown, high turbidity, no odour, no sheen. Grey / Brown suspended sediment.	6.65	19.9	197.1	6.27	47.6	253.4
MW212	11/11/2022 8:49	Grey, medium turbidity, no odour, no sheen.	5.19	19.6	175.8	6.58	160.0	365.8
MW212	8/05/2023 11:58	Dark brown, high turbidity, no odour, no sheen.	2.11	21.4	147.6	5.86	107.0	312.8
MW212	23/11/2023 8:41	Light brown, low turbidity, no odour, no sheen.	1.37	21.4	226.9	6.82	-20.9	184.9
MW229D	n/a	Unable to locate.	n/a	n/a	n/a	n/a	n/a	n/a
MW229S	n/a	Unable to locate.	n/a	n/a	n/a	n/a	n/a	n/a
MW230S	16/05/2022 13:45	Light Brown, low turbidity, no odour, no sheen.	1.78	21.0	409.1	5.57	13.0	218.8
MW230S	14/11/2022 12:21	Clear, no turbidity, no odour, no sheen.	1.68	20.2	415.1	5.87	23.2	229.0
MW230S	15/05/2023 13:29	Light grey, low turbidity, no odour, no sheen.	1.06	22.4	477.0	6.01	9.4	215.2
MW230S	27/11/2023 14:34	Light brown, no turbidity, no odour, no sheen.	1.06	21.0	383.9	6.03	-45.9	159.9
MW231D	12/11/2021 11:12	Dark grey, high turbidity, sulfurous odour, no sheen. Black suspended particulates.	1.75	21.2	17,084.0	6.73	-193.1	12.7
MW231D	18/05/2022 9:37	Dark Brown, high turbidity, sulfurous odour, no sheen.	0.47	18.6	18,800.0	6.50	-224.6	-18.8
MW231D	14/11/2022 17:06	Light grey, low turbidity, sulfurous odour, no sheen. Silt at bottom of hydrasleeve.	1.80	20.3	16,963.0	6.75	-140.9	64.9
MW231D	17/05/2023 12:53	Grey, medium turbidity, sulfurous odour, no sheen.	1.88	18.4	16,934.2	6.95	-193.2	12.6
MW231D	28/11/2023 8:35	Light grey, no turbidity, sulfurous odour, no sheen.	1.54	20.9	17,595.0	6.91	-253.4	-47.6
MW231S	12/11/2021 11:04	Light brown, low turbidity, no odour, no sheen. Black suspended particulates.	1.11	22.6	4,529.0	6.99	-143.3	62.5
MW231S	18/05/2022 9:47	Light Brown, medium turbidity, sulfurous odour, no sheen. Suspended brown sediment, black sand at base of Hydrasleeve.	1.32	19.5	19,997.0	6.68	-122.5	83.3
MW231S	14/11/2022 17:14	Clear, low turbidity, no odour, no sheen. Suspended solids.	1.23	18.4	16,811.0	6.69	-135.5	70.3
MW231S	17/05/2023 12:43	Clear, low turbidity, no odour, no sheen. Suspended particulates.	1.19	18.6	18,965.0	6.73	-73.0	132.8
MW231S	28/11/2023 8:25	Light brown, no turbidity, no odour, no sheen.	0.61	20.5	17,092.0	6.91	-123.7	82.1
MW232D	11/11/2021 15:50	Black / Grey, medium turbidity, no odour, no sheen. Black suspended particulates.	2.38	18.0	16,062.0	7.40	-141.6	64.2
MW232D	18/05/2022 8:49	Brown, medium turbidity, no odour, no sheen. Brown suspended and settling sediment.	1.52	17.6	17,530.0	7.10	85.6	291.4
MW232D	8/11/2022 8:59	Light grey, medium turbidity, no odour, no sheen.	1.47	22.2	15,924.0	7.37	-84.8	121.0
MW232D	11/05/2023 13:17	Light brown, medium turbidity, organic odour, no sheen.	2.73	20.0	14,662.0	6.64	90.8	296.6
MW232D	24/11/2023 7:52	Clear, no turbidity, no odour, no sheen.	0.58	20.1	14,927.0	7.45	-128.0	77.8
MW232S	11/11/2021 15:41	Grey, low turbidity, no odour, no sheen. lack suspended particulates.	0.83	18.0	2,758.0	7.52	-184.6	21.2
MW232S	18/05/2022 8:42	Clear, no turbidity, no odour, no sheen. Black suspended particulates.	1.24	16.4	1,997.0	7.30	65.4	271.2
MW232S	8/11/2022 9:03	Yellow, low turbidity, no odour, no sheen. Brown suspended solids in water.	3.06	20.4	2,529.0	7.71	-83.7	122.1
MW232S	11/05/2023 13:21	Light grey, low turbidity, no odour, no sheen. Organic matter at base of HydraSleeve. Suspended particulates.	1.78	19.4	198.8	7.19	-22.5	183.3
MW232S	24/11/2023 7:48	Light brown, no turbidity, no odour, no sheen.	0.62	19.1	1,611.0	7.59	-133.9	71.9
MW235D	19/11/2021 12:08	Grey / Brown, low turbidity, no odour, no sheen. Brown suspended particulates.	0.73	20.8	36,477.0	7.01	-82.0	123.8
MW235S	19/11/2021 11:52	Dark brown, high turbidity, organic odour, no sheen. Black suspended particulates.	1.16	21.4	24,955.0	6.91	-106.6	99.2
MW236D	11/11/2021 11:26	Light yellow, low turbidity, no odour, no sheen. Grey organic suspended particulates.	1.07	19.7	431.0	7.18	-213.5	-7.7
MW236D	16/05/2022 9:55	Clear, no turbidity, no odour, no sheen. Some minor sediment at base of Hydrasleeve.	1.98	19.1	119.8	5.43	10.3	216.1
MW236D	15/11/2022 9:40	Clear, low turbidity, sulfurous odour, no sheen. Minor white suspended gelatinous material.	1.13	19.4	138.4	5.88	-57.4	148.4
MW236D	15/05/2023 10:10	Light yellow, low turbidity, sulfurous odour, no sheen. Suspended organic matter (white).	1.13	18.9	163.4	5.48	-99.4	106.4
MW236D	27/11/2023 13:45	Light yellow, low turbidity, sulfurous odour, no sheen.	2.00	21.1	120.0	6.02	-65.1	140.7
MW236S	11/11/2021 11:39	Grey / Brown, putrefied odour, no sheen. Brown suspended particulates.	0.84	19.4	429.7	4.10	-15.1	190.7
MW236S	16/05/2022 9:40	Clear, medium turbidity, no odour, no sheen. White suspended organic matter.	2.16	19.4	473.3	4.71	105.9	311.7
MW236S	15/11/2022 9:29	Light yellow, low turbidity, sulfurous odour, no sheen. White gelatinous material suspended and at base of hydrasleeve.	1.42	19.2	262.3	5.28	-10.2	195.6

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW236S	15/05/2023 10:03	Yellow, low turbidity, sulfurous odour, no sheen. Suspended organic matter (white, slimy lumps).	0.46	18.9	530.6	4.80	-63.5	142.3
MW236S	27/11/2023 13:57	Light brown, medium turbidity, no odour, no sheen. Sediment at base of Hydrasleeve.	3.53	21.6	304.8	5.47	24.1	229.9
MW238D	11/11/2021 9:36	Grey, low turbidity, no odour, no sheen.	1.66	19.9	3,332.0	7.25	82.9	288.7
MW238D	16/05/2022 12:38	Clear, no turbidity, no odour, no sheen.	1.45	21.9	137.1	5.76	50.2	256.0
MW238D	14/11/2022 10:49	Light grey, low turbidity, no odour, no sheen.	2.16	23.5	163.5	6.19	-23.9	181.9
MW238D	15/05/2023 11:51	Light grey, low turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	1.59	19.8	197.4	6.08	-16.5	189.3
MW238D	27/11/2023 13:04	Light yellow, low turbidity, no odour, no sheen. Sediment at base of Hydrasleeve.	1.80	23.7	214.8	6.54	-27.0	178.8
MW238S	11/11/2021 9:49	Grey / Brown, medium turbidity, no odour, no sheen. Brown sediment at base of Hydrasleeve brown orange suspended organic material.	1.35	19.5	308.0	5.27	-127.5	78.3
MW238S	16/05/2022 12:02	Yellow, low turbidity, no odour, no sheen. Brown suspended organic matter.	0.59	21.0	133.0	5.12	50.1	255.9
MW238S	14/11/2022 10:42	Brown, medium turbidity, no odour, no sheen. Suspended solids.	2.01	21.8	123.9	5.19	-12.7	193.1
MW238S	15/05/2023 11:43	Grey/brown, high turbidity, no odour, no sheen.	0.95	19.6	141.8	5.45	26.2	232.0
MW238S	27/11/2023 13:10	Light brown, low turbidity, no odour, no sheen.	1.41	20.2	85.3	5.17	85.3	291.1
MW240D	26/05/2022 10:22	Grey / Brown, medium turbidity, no odour, no sheen.	2.51	18.6	79.9	3.96	91.0	296.8
MW240D	10/11/2022 9:50	Brown, medium turbidity, no odour, no sheen.	0.93	19.3	371.4	5.43	54.3	260.1
MW240D	10/05/2023 9:00	Clear, low turbidity, sulfurous odour, no sheen.	2.73	17.3	75.9	4.32	76.6	282.4
MW240D	22/11/2023 13:41	Clear, no turbidity, sulfurous odour, no sheen.	0.64	21.4	81.3	5.21	-60.6	145.2
MW241D	15/11/2021 9:25	Light yellow, low turbidity, no odour, no sheen. Trace sediment at base of Hydrasleeve.	1.42	17.7	209.8	6.23	-26.3	179.5
MW241D	24/05/2022 14:46	Black / Grey, medium turbidity, no odour, no sheen. Suspended and settling silt.	0.61	18.2	111.3	5.66	18.5	224.3
MW241D	10/11/2022 15:04	Light yellow, medium turbidity, no odour, no sheen.	1.24	20.5	113.1	6.13	-52.4	153.4
MW241D	12/05/2023 10:46	Light brown, medium turbidity, organic odour, no sheen.	0.91	19.2	182.2	5.96	-10.6	195.2
MW241D	23/11/2023 8:42	Light brown, no turbidity, organic odour, no sheen.	0.73	19.5	13.3	6.15	-170.1	35.7
MW241S	15/11/2021 9:13	Clear, low turbidity, no odour, no sheen.	3.38	17.5	101.4	5.07	100.2	306.0
MW241S	24/05/2022 14:42	Light Brown, low turbidity, no odour, no sheen. Suspended light brown sediment and organic matter.	1.47	19.6	116.1	5.21	91.0	296.8
MW241S	10/11/2022 14:48	Clear, medium turbidity, no odour, no sheen.	5.99	22.2	223.8	5.99	-47.3	158.5
MW241S	12/05/2023 10:46	Light yellow, medium turbidity, organic odour, no sheen. Dead lizard in HydraSleeve.	2.71	21.4	153.8	6.09	-64.9	140.9
MW241S	23/11/2023 9:15	Light brown, medium turbidity, sulfurous odour, no sheen. No Hydrasleeve in well, only 1.2 m water column, sample taken using bailer, Hydrasleeve installed for next round.	1.52	20.8	87.2	5.28	-100.9	104.9
MW244D	10/11/2021 9:56	Clear, no turbidity, organic odour, no sheen. Brown organic material at base of Hydrasleeve.	1.02	21.0	246.6	6.29	-53.5	152.3
MW244D	30/05/2022 9:49	Grey / Brown, medium turbidity, organic odour, no sheen. Silt at base of Hydrasleeve.	1.17	19.6	216.7	5.46	100.9	306.7
MW244D	9/11/2022 9:34	Clear, no turbidity, no odour, no sheen. Brown suspended solids in hydrasleeve.	2.32	19.6	239.0	6.15	64.1	269.9
MW244D	10/05/2023 10:23	Light yellow, low turbidity, sulfurous odour, no sheen.	1.94	20.3	204.3	5.95	-31.0	174.8
MW244D	22/11/2023 8:30	Light brown, low turbidity, no odour, no sheen.	0.86	20.7	296.7	6.33	-36.7	169.1
MW244S	10/11/2021 9:36	Clear, no turbidity, organic odour, no sheen. Brown organic material at base of Hydrasleeve.	2.61	20.9	129.5	4.16	-54.7	151.1
MW244S	30/05/2022 9:57	Clear, no turbidity, no odour, no sheen.	1.19	18.2	112.8	3.95	127.8	333.6
MW244S	9/11/2022 9:23	Clear, no turbidity, no odour, no sheen.	2.25	20.2	93.6	4.28	93.8	299.6
MW244S	10/05/2023 10:17	Light yellow, no turbidity, sulfurous odour, no sheen. Organic matter at base of HydraSleeve.	0.89	20.4	97.8	4.73	3.8	209.6
MW244S	22/11/2023 8:38	Light yellow, no turbidity, no odour, no sheen.	0.77	21.0	128.7	5.22	-104.7	101.1
MW245D	30/05/2022 11:11	Clear, low turbidity, no odour, no sheen. Some suspended organic matter.	2.30	17.9	222.0	5.40	137.7	343.5
MW245D	10/05/2023 11:53	Light yellow, low turbidity, organic odour, no sheen. Organic matter and sediment at base of HydraSleeve.	1.79	18.9	135.2	4.98	157.9	363.7
MW245S	30/05/2022 11:16	Light Yellow, low turbidity, no odour, no sheen. No Hydrasleeve present, sample collected with bailer. New Hydrasleeve installed.	0.71	16.4	136.5	4.16	133.4	339.2
MW245S	10/05/2023 12:02	Yellow, medium turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.33	16.8	90.1	4.56	209.2	415.0
MW247D	12/11/2021 9:29	Clear, low turbidity, no odour, no sheen. Sandy sediment at base of Hydrasleeve.	0.98	20.1	185.8	6.28	77.2	283.0
MW247D	18/05/2022 11:45	Clear, no turbidity, no odour, no sheen.	1.14	18.2	64.5	5.61	113.2	319.0
MW247D	8/11/2022 14:52	Clear, no turbidity, no odour, no sheen.	1.31	22.9	153.2	6.10	91.2	297.0
MW247D	8/05/2023 14:47	Light yellow, no turbidity, no odour, no sheen.	1.01	18.7	121.1	5.29	83.9	289.7
MW247D	24/11/2023 11:22	Light brown, low turbidity, no odour, no sheen.	0.59	19.6	145.0	6.14	-12.2	193.6
MW247S	12/11/2021 9:56	Dark brown, high turbidity, no odour, no sheen. Grey sandy sediment at base of Hydrasleeve.	1.32	24.9	311.6	5.80	-111.9	93.9

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW247S	18/05/2022 11:40	Light Brown, low turbidity, no odour, no sheen.	1.36	19.5	29.7	4.83	92.0	297.8
MW247S	8/11/2022 14:56	Light brown, medium turbidity, sulfurous odour, no sheen.	1.20	20.7	118.5	5.51	-47.5	158.3
MW247S	8/05/2023 14:37	Light brown, low turbidity, sulfurous odour, no sheen.	1.55	20.3	163.0	4.68	-4.2	201.6
MW247S	24/11/2023 11:10	Yellow, low turbidity, organic odour, no sheen.	0.59	21.1	342.6	5.23	-27.2	178.6
MW252S	11/05/2023 10:33	Brown, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	2.71	19.0	307.6	6.24	135.7	341.5
MW255D	18/05/2022 11:04	Light Grey, no turbidity, organic odour, no sheen. Back film on Hydrasleeve.	2.36	20.8	2,566.0	6.30	-25.2	180.6
MW255D	9/05/2023 10:28	Clear, low turbidity, no odour, no sheen.	1.88	19.7	6.3	6.34	-81.8	124.0
MW255S	18/05/2022 11:16	Light Brown, medium turbidity, no odour, no sheen. Sediment at base of Hydrasleeve.	0.40	21.3	368.8	5.83	-61.9	143.9
MW255S	9/05/2023 10:36	Dark brown, high turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	0.45	21.9	634.0	6.16	-47.2	158.6
MW256D	9/11/2021 10:17	Light yellow, low turbidity, no odour, no sheen. Suspended particulates. Dark brown sediment at base of Hydrasleeve.	1.45	22.3	130.6	6.51	-32.1	173.7
MW256D	17/05/2022 12:27	Clear, low turbidity, no odour, no sheen. Suspended particulates and sediment at base of Hydrasleeve.	1.50	18.9	90.0	5.66	26.6	232.4
MW256D	7/11/2022 13:32	Brown, medium turbidity, organic odour, no sheen. Silt and settled solids at base of hydrasleeve.	1.62	21.5	80.8	5.97	-154.7	51.1
MW256D	8/05/2023 9:43	Brown, high turbidity, no odour, no sheen.	2.35	16.0	520.7	6.30	-135.0	70.8
MW256D	21/11/2023 13:26	Light brown, low turbidity, sulfurous odour, no sheen.	0.47	20.3	212.1	6.79	-179.4	26.4
MW256S	9/11/2021 10:38	Light yellow, low turbidity, sulfurous odour, no sheen. Brown sediment at base of Hydrasleeve.	1.19	20.5	136.2	5.28	-54.1	151.7
MW256S	17/05/2022 12:44	Brown, high turbidity, no odour, no sheen. Dark brown silt at base of Hydrasleeve.	4.19	19.5	92.2	4.67	47.3	253.1
MW256S	7/11/2022 13:52	Brown, medium turbidity, no odour, no sheen. Silt and settled solids at base of hydrasleeve.	1.54	20.1	95.7	4.70	-79.4	126.4
MW256S	8/05/2023 10:05	Brown, high turbidity, no odour, no sheen.	1.28	17.0	191.7	5.13	-52.0	153.8
MW256S	21/11/2023 13:25	Light brown, low turbidity, no odour, no sheen.	0.49	21.7	110.7	5.19	-37.3	168.5
MW257D	9/11/2021 11:02	Black / Grey, low turbidity, no odour, no sheen.	1.60	22.4	163.5	6.50	-82.1	123.7
MW257D	17/05/2022 12:02	Clear, low turbidity, no odour, no sheen. Black suspended solids and sediment at base of Hydrasleeve.	2.13	19.1	61.8	5.40	104.3	310.1
MW257D	7/11/2022 14:12	Clear, no turbidity, no odour, no sheen. Silt at base of hydrasleeve.	1.16	20.2	88.3	5.79	-125.4	80.4
MW257D	8/05/2023 9:13	Clear, low turbidity, no odour, no sheen.	2.13	15.9	565.0	5.55	-83.0	122.8
MW257D	21/11/2023 14:05	Light brown, no turbidity, septic odour, no sheen. Sediment at base of Hydrasleeve.	0.43	21.2	517.0	7.12	-176.3	29.5
MW257S	9/11/2021 11:24	Orange / Brown, low turbidity, no odour, no sheen. Brown suspended particulates.	2.69	23.9	74.4	5.19	115.3	321.1
MW257S	17/05/2022 11:42	Light Brown, medium turbidity, no odour, no sheen. Organic suspended matter and sediment at base of Hydrasleeve.	6.08	20.0	54.9	4.59	152.8	358.6
MW257S	7/11/2022 14:25	Brown/orange, medium turbidity, no odour, no sheen. Brown settled solids at base of hydrasleeve.	0.94	19.9	58.7	4.91	57.3	263.1
MW257S	8/05/2023 9:21	Brown, medium turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	1.59	16.6	109.0	5.44	-48.3	157.5
MW257S	21/11/2023 13:50	Light brown, low turbidity, no odour, no sheen.	0.67	21.6	69.4	5.93	-49.7	156.1
MW258D	9/11/2021 12:20	Red / Brown, no odour, no sheen.	1.45	23.6	-160.1	6.92	-158.1	47.7
MW258D	17/05/2022 10:35	Light Brown, low turbidity, no odour, no sheen.	3.77	18.3	344.5	6.16	19.2	225.0
MW258D	7/11/2022 15:27	Yellow/brown, low turbidity, no odour, no sheen.	0.66	21.1	354.7	6.59	-161.3	44.5
MW258D	9/05/2023 9:35	Yellow, medium turbidity, organic odour, no sheen.	1.98	18.3	343.1	6.62	-70.2	135.6
MW258D	20/11/2023 13:32	Yellow, no turbidity, no odour, no sheen.	3.02	20.4	226.4	7.17	-112.5	93.3
MW258S	9/11/2021 12:00	Brown, low turbidity, no odour, no sheen.	1.13	21.4	329.4	4.86	-63.7	142.1
MW258S	17/05/2022 10:55	Dark Brown, high turbidity, organic odour, no sheen. Brown sediment at base of Hydrasleeve.	3.61	19.4	144.0	4.93	19.9	225.7
MW258S	7/11/2022 15:10	Light brown, medium turbidity, sulfurous odour, no sheen. Silt and settled solids at base of hydrasleeve.	1.11	21.3	107.6	4.74	-76.9	128.9
MW258S	9/05/2023 9:21	Dark brown, high turbidity, organic odour, no sheen.	2.03	18.4	120.8	4.41	-2.5	203.3
MW258S	20/11/2023 13:39	Brown, low turbidity, organic odour, no sheen. Sediment at base of Hydrasleeve.	0.81	20.0	118.0	5.03	-62.4	143.4
MW260D	12/11/2021 15:53	Light grey, low turbidity, no odour, no sheen. Sandy sediment at base of Hydrasleeve.	3.03	23.0	26,037.0	5.60	60.2	266.0
MW260D	18/05/2022 10:30	Brown, medium turbidity, no odour, no sheen. Silt at base of Hydrasleeve.	0.78	19.8	1,382.0	6.79	-34.7	171.1
MW260D	8/11/2022 9:45	Clear, low turbidity, no odour, no sheen. Trace suspended solids.	0.58	20.1	1,321.0	6.26	-121.2	84.6
MW260D	8/05/2023 10:35	Clear, no turbidity, no odour, no sheen.	1.26	19.4	25,255.0	5.76	-11.2	194.6
MW260D	21/11/2023 14:45	Clear, no turbidity, no odour, no sheen.	1.28	20.7	2,744.0	6.04	-60.7	145.1
MW260S	12/11/2021 16:10	Orange / Brown, medium turbidity, metallic odour, no sheen. Orange rust-like laminations at base of Hydrasleeve.	1.47	22.9	2,371.0	6.76	-41.5	164.3
MW260S	18/05/2022 10:17	Clear, low turbidity, no odour, no sheen. Suspended organics and sediment at base of Hydrasleeve.	1.03	22.2	1,673.0	6.48	-39.6	166.2

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW260S	8/11/2022 9:32	Light brown, low turbidity, no odour, no sheen. Silt and suspended solids.	1.51	20.1	3,660.0	6.65	-149.9	55.9
MW260S	8/05/2023 10:26	Dark brown, high turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	1.43	20.0	8,254.0	6.57	-111.0	94.8
MW260S	21/11/2023 14:34	Orange, high turbidity, no odour, no sheen. Suspended orange organics.	0.80	22.3	2,400.0	6.66	-104.5	101.3
MW263D	9/11/2021 13:10	Black / Grey, no odour, no sheen.	1.55	23.4	1,920.0	7.16	-65.7	140.1
MW263D	18/05/2022 8:38	Light Grey, low turbidity, no odour, no sheen. Black suspended sediment.	2.44	17.1	1,339.0	7.51	-66.1	139.7
MW263D	8/11/2022 8:37	Light yellow, no turbidity, no odour, no sheen. Trace black suspended solids.	0.71	19.0	615.0	6.93	-135.5	70.3
MW263D	9/05/2023 11:29	Clear, medium turbidity, organic odour, no sheen.	1.33	18.4	135.2	7.44	-84.7	121.1
MW263D	20/11/2023 13:05	Light yellow, no turbidity, no odour, no sheen. Suspended solids.	0.67	20.0	484.8	7.34	-182.2	23.6
MW263S	9/11/2021 13:33	Light brown, low turbidity, no odour, no sheen.	0.94	21.3	414.0	5.46	-61.2	144.6
MW263S	18/05/2022 8:59	Light Brown, medium turbidity, no odour, no sheen. Silt at base of Hydrasleeve.	0.80	18.3	389.2	5.17	-66.4	139.4
MW263S	8/11/2022 8:25	Light yellow, low turbidity, sulfurous odour, no sheen.	3.83	19.1	238.3	4.85	-68.8	137.0
MW263S	9/05/2023 11:32	Light yellow, low turbidity, no odour, no sheen. Sediment at base of HydraSleeve.	1.61	19.4	353.2	5.87	-5.7	200.1
MW263S	20/11/2023 12:55	Light brown, low turbidity, no odour, no sheen. Sediment at base of Hydrasleeve.	0.72	21.1	531.0	5.43	-69.6	136.2
MW264D	2/06/2022 8:51	Grey / Brown, medium turbidity, no odour, no sheen. Fine grey/brown sand at base of Hydrasleeve.	0.74	14.4	342.2	5.77	60.9	266.7
MW264D	12/05/2023 9:15	Light brown, low turbidity, organic odour, no sheen.	1.18	17.6	256.2	5.79	72.3	278.1
MW264S	2/06/2022 8:57	Yellow, medium turbidity, sulfurous odour, no sheen. Suspended white organic matter. Brown and white sediment at base of Hydrasleeve.	1.24	15.5	160.0	4.84	41.1	246.9
MW264S	12/05/2023 9:15	Light yellow, low turbidity, no odour, no sheen.	0.88	16.7	198.1	4.53	175.7	381.5
MW266D	19/11/2021 9:45	Grey / Brown, medium turbidity, no odour, no sheen. Black suspended particulates and sediment at base of well.	1.62	21.1	40,466.0	6.96	-52.6	153.2
MW266S	19/11/2021 9:30	Clear, low turbidity, no odour, no sheen. Trace black suspended particulates and sediment at base of Hydrasleeve.	1.35	20.1	35,408.0	7.01	-158.0	47.8
MW267D	19/11/2021 11:21	Light brown, medium turbidity, no odour, no sheen. Brown sand at base of Hydrasleeve.	2.50	20.9	398.4	7.35	-39.4	166.4
MW267S	19/11/2021 11:27	Grey, medium turbidity, septic odour, no sheen. Brown sand at base of Hydrasleeve. Suspended white unknown material present.	1.25	20.6	532.0	6.47	-116.8	89.0
MW270D	17/05/2022 13:50	Yellow / Brown, medium turbidity, sulfurous odour, no sheen. Suspended organic particles and sediment.	0.44	19.7	286.4	6.31	-54.9	150.9
MW270D	16/05/2023 11:26	Light grey, low turbidity, no odour, no sheen.	1.83	19.9	229.5	6.51	-125.9	79.9
MW270D	9/08/2023 8:15	Yellow, low turbidity, sulfurous odour, no sheen. Suspended and settled organic matter in Hydrasleeve.	2.56	11.8	190.5	6.43	-217.0	-11.2
MW270S	17/05/2022 13:36	Light Yellow, low turbidity, sulfurous odour, no sheen. Sediment at base of Hydrasleeve.	4.51	20.1	659.0	5.98	24.3	230.1
MW270S	16/05/2023 11:13	Yellow, low turbidity, sulfurous odour, no sheen. Organic matter at base of HydraSleeve. Suspended organic m	1.15	20.0	804.0	6.88	-129.1	76.7
MW270S	9/08/2023 8:40	Yellow, low turbidity, sulfurous odour, no sheen. Suspended and settled organic matter in Hydrasleeve.	1.29	13.9	408.0	6.80	-149.0	56.8
MW271D	12/11/2021 13:44	Brown, medium turbidity, no odour, no sheen.	1.57	22.4	218.2	6.15	-32.2	173.6
MW271D	16/05/2022 10:55	Brown, high turbidity, no odour, no sheen.	0.76	18.2	187.0	5.69	40.7	246.5
MW271D	14/11/2022 11:28	Grey, medium turbidity, no odour, no sheen.	1.35	20.0	213.6	6.08	-32.9	172.9
MW271D	15/05/2023 10:52	Grey, low turbidity, no odour, no sheen.	1.02	18.8	220.3	6.12	-24.0	181.8
MW271D	27/11/2023 11:40	Light brown, low turbidity, no odour, no sheen. Suspended orange sediments.	1.53	24.6	267.0	6.38	-24.5	181.3
MW271S	12/11/2021 13:30	Light brown, low turbidity, no odour, no sheen. Black and brown suspended particulates.	1.41	23.9	437.5	5.32	-38.8	167.0
MW271S	16/05/2022 10:45	Clear, low turbidity, organic odour, no sheen.	1.01	19.0	401.3	4.92	35.0	240.8
MW271S	14/11/2022 11:18	Clear, no turbidity, sulfurous odour, no sheen. Suspended black solids.	1.99	20.2	554.0	5.01	-6.3	199.5
MW271S	15/05/2023 11:09	Orange, low turbidity, no odour, no sheen.	4.00	18.0	422.2	5.28	19.1	224.9
MW271S	27/11/2023 11:52	Light brown, low turbidity, no odour, no sheen. Suspended orange sediments.	1.19	19.8	458.2	5.46	2.7	208.5
MW278D	9/11/2021 15:19	Brown, high turbidity, no odour, no sheen.	1.51	22.2	169.8	6.54	-117.4	88.4
MW278D	9/11/2022 11:38	Light yellow, no turbidity, organic odour, no sheen. Black suspended solids.	1.68	21.3	133.5	6.19	172.4	378.2
MW278D	11/05/2023 14:38	Yellow/brown, low turbidity, sulfurous odour, no sheen. Organic matter at base of HydraSleeve.	0.93	20.9	290.0	6.24	132.3	338.1
MW278D	21/11/2023 15:36	Yellow, no turbidity, no odour, no sheen.	1.88	20.7	309.5	6.77	-156.4	49.4
MW278S	9/11/2021 15:29	Grey / Brown, no turbidity, sulfurous odour, no sheen.	1.68	19.6	210.7	6.37	-96.4	109.4
MW278S	9/11/2022 11:51	Light yellow, low turbidity, organic odour, biosheen.	1.12	19.9	200.0	6.65	-116.6	89.2
MW278S	11/05/2023 14:47	Light brown, low turbidity, no odour, no sheen.	1.16	20.7	236.9	5.68	-33.2	172.6
MW278S	21/11/2023 15:42	Light brown, low turbidity, organic odour, no sheen.	1.20	20.0	298.4	6.22	-127.2	78.6
MW279S	11/11/2021 10:26	Black / Grey, medium turbidity, no odour, no sheen. Black suspended particulates.	2.11	18.3	867.0	7.08	-126.1	79.7

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW279S	19/05/2022 16:05	Light Grey, medium turbidity, no odour, no sheen. Silt at base of Hydrasleeve.	5.34	16.9	1,028.0	6.45	-25.1	180.7
MW279S	7/11/2022 13:32	Yellow/brown, medium turbidity, no odour, no sheen.	1.20	19.1	1,157.0	7.08	-119.4	86.4
MW279S	9/05/2023 10:55	Light yellow, medium turbidity, no odour, no sheen.	2.17	16.5	2,367.0	6.95	-86.3	119.5
MW279S	21/11/2023 13:40	Light yellow, medium turbidity, organic odour, no sheen.	1.23	19.2	1,761.0	7.37	-168.8	37.0
MW280S	20/05/2022 10:02	Clear, low turbidity, organic odour, no sheen. Fine suspended organic matter. No Hydrasleeve present, sample collected with bailer. New Hydrasleeve not reinstalled due to flooding gatic.	6.46	15.4	192.8	6.06	-18.1	187.7
MW280S	11/11/2022 10:45	Light yellow, low turbidity, no odour, no sheen. Brown suspended solids.	1.79	23.0	164.7	4.04	55.5	261.3
MW280S	18/05/2023 9:05	Light brown, low turbidity, septic odour, no sheen. Suspended organic matter (decomposing).	1.03	16.4	144.0	5.02	-42.5	163.3
MW280S	23/11/2023 9:35	Brown, medium turbidity, sulfurous odour, no sheen. Sediment at base of Hydrasleeve.	1.30	19.9	159.7	4.54	-58.9	146.9
MW281S	10/11/2021 11:12	Brown, high turbidity, organic odour, no sheen. Brown suspended particulates.	2.90	20.6	269.1	4.96	-104.4	101.4
MW281S	26/05/2022 10:02	Orange / Brown, high turbidity, sulfurous odour, no sheen.	0.04	17.5	934.0	6.10	-77.9	127.9
MW281S	10/11/2022 10:21	Grey, medium turbidity, sulfurous odour, no sheen. Dark brown suspended solids in sleeve.	2.03	19.6	149.5	4.94	16.5	222.3
MW281S	10/05/2023 9:23	Clear, low turbidity, sulfurous odour, no sheen.	1.81	17.8	221.0	4.85	1.2	207.0
MW281S	22/11/2023 13:45	Brown, high turbidity, sulfurous odour, no sheen.	2.65	19.8	229.1	4.97	-60.0	145.8
MW282S	10/11/2021 10:53	Light yellow, low turbidity, organic odour, no sheen. Brown organic material at base of Hydrasleeve.	1.76	19.9	380.0	4.91	-68.9	136.9
MW282S	26/05/2022 10:13	Orange / Brown, high turbidity, organic odour, no sheen.	1.03	16.5	131.7	3.59	60.0	265.8
MW282S	10/11/2022 10:09	Dark yellow, medium turbidity, no odour, no sheen.	1.67	19.5	120.1	4.29	97.0	302.8
MW282S	10/05/2023 9:10	Light yellow, medium turbidity, sulfurous odour, no sheen.	3.40	16.9	148.2	4.97	3.9	209.7
MW282S	22/11/2023 13:35	Light brown, low turbidity, organic odour, no sheen.	4.00	20.3	135.6	4.85	-50.5	155.3
MW315D	26/05/2022 15:31	Yellow, medium turbidity, sulfurous odour, no sheen. Sand at base of Hydrasleeve.	1.69	19.5	98.5	5.19	87.0	292.8
MW315D	11/11/2022 9:42	Clear, no turbidity, sulfurous odour, no sheen. Brown solids in bottom of hydrasleeve.	1.54	20.1	171.6	5.34	2.3	208.1
MW315D	18/05/2023 10:05	Clear, no turbidity, sulfurous odour, no sheen.	1.16	18.3	100.5	5.41	-50.3	155.5
MW315D	23/11/2023 11:21	Clear, no turbidity, no odour, no sheen.	0.96	20.0	91.3	5.68	-103.9	101.9
MW315S	26/05/2022 15:35	Clear, low turbidity, sulfurous odour, no sheen. Sand at base of Hydrasleeve.	0.82	17.9	233.7	4.30	51.9	257.7
MW315S	11/11/2022 9:52	Light yellow, no turbidity, sulfurous odour, no sheen. Brown and white suspended solids.	1.05	19.3	205.8	4.46	-70.5	135.3
MW315S	18/05/2023 9:45	Yellow, no turbidity, sulfurous odour, no sheen.	3.69	18.4	163.5	5.05	-19.4	186.4
MW315S	23/11/2023 11:15	Light brown, no turbidity, sulfurous odour, no sheen.	1.32	21.1	139.4	5.04	-76.4	129.4
MW316D	11/11/2021 14:56	Grey, medium turbidity, no odour, no sheen. Black suspended particulates. Hydrasleeve covered in black film.	2.27	18.3	25,175.0	6.83	-145.9	59.9
MW316D	20/05/2022 10:24	Black / Grey, medium turbidity, no odour, no sheen. Silt at base of Hydrasleeve.	1.40	16.8	22,261.0	6.59	109.7	315.5
MW316D	7/11/2022 11:35	Clear, no turbidity, no odour, no sheen. Orange suspended solids.	1.73	20.6	24,855.0	6.56	-41.7	164.1
MW316D	9/05/2023 13:18	Grey, medium turbidity, no odour, no sheen. Organic matter at base of HydraSleeve.	1.94	17.7	24,035.0	7.02	-94.0	111.8
MW316D	21/11/2023 12:21	Clear, low turbidity, no odour, no sheen.	0.69	21.4	24,063.0	6.84	-113.1	92.7
MW317D	30/05/2022 12:10	Light Brown, medium turbidity, sulfurous odour, no sheen. Brown sand at base of Hydrasleeve.	10.32	18.5	194.6	5.03	77.0	282.8
MW317D	12/05/2023 9:16	Brown/orange, low turbidity, no odour, no sheen.	0.95	20.4	153.5	5.31	128.1	333.9
MW317S	18/11/2021 8:56	Yellow / Brown, medium turbidity, sulfurous odour, no sheen. Brown sandy sediment at base of Hydrasleeve. Suspended organic particulates.	3.67	21.4	135.7	5.04	-3.4	202.4
MW317S	30/05/2022 12:18	Yellow, low turbidity, organic odour, no sheen. Organic matter suspended and at base of Hydrasleeve.	0.72	17.8	123.2	4.20	85.1	290.9
MW317S	12/05/2023 9:23	Yellow, low turbidity, organic odour, no sheen. Suspended organic matter. Strong odour (decomposing/rotting).	0.81	19.8	84.0	4.57	-7.9	197.9
MW318D	15/11/2021 12:34	Light brown, low turbidity, no odour, no sheen.	2.34	19.9	237.2	5.96	-26.8	179.0
MW318D	31/05/2022 9:48	Brown, high turbidity, no odour, no sheen. Brown sand at base of Hydrasleeve.	1.16	18.8	291.7	5.54	27.0	232.8
MW318D	8/11/2022 13:34	Clear, no turbidity, no odour, no sheen.	1.99	23.1	2,382.0	6.38	17.2	223.0
MW318D	11/05/2023 11:03	Clear, medium turbidity, no odour, no sheen.	0.88	19.6	273.2	6.17	-55.5	150.3
MW318D	23/11/2023 13:30	Clear, no turbidity, no odour, no sheen.	1.22	21.0	250.0	6.27	-132.0	73.8
MW318S	15/11/2021 12:27	Brown, low turbidity, organic odour, no sheen. Suspended organic material.	2.06	20.6	231.0	5.23	-19.4	186.4
MW318S	31/05/2022 9:24	Brown, high turbidity, organic odour, no sheen. Brown sediment at base of Hydrasleeve.	1.01	17.0	355.4	5.09	4.7	210.5
MW318S	8/11/2022 13:49	Clear, no turbidity, no odour, no sheen.	1.07	22.4	266.7	5.67	-62.0	143.8
MW318S	11/05/2023 11:03	Clear, medium turbidity, sulfurous odour, no sheen. Sediment at base of HydraSleeve. White suspended partic	0.92	19.7	186.3	5.14	-52.3	153.5
MW318S	23/11/2023 13:33	Clear, no turbidity, sulfurous odour, no sheen. Sediment at base of Hydrasleeve.	0.65	22.4	165.5	4.77	-69.1	136.7

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
MW406	24/05/2022 9:45	Light Brown, low turbidity, no odour, no sheen.	3.57	18.7	72.3	5.44	136.7	342.5
MW406	8/05/2023 10:43	Light yellow, no turbidity, no odour, no sheen.	2.35	20.4	122.2	4.85	213.2	419.0
MW433	8/11/2021 15:24	Clear, low turbidity, no odour, no sheen.	1.87	20.4	136.3	5.90	-141.7	64.1
MW433	24/05/2022 10:52	Light Brown, medium turbidity, no odour, no sheen. Sand at base of Hydrasleeve.	4.44	18.7	114.7	5.67	34.0	239.8
MW433	8/11/2022 11:10	Light yellow, medium turbidity, no odour, no sheen. Orange suspended solids.	2.87	21.1	144.7	6.12	-48.2	157.6
MW433	9/05/2023 14:18	Dark brown, high turbidity, sulfurous odour, no sheen. Sampled with bailer by purging 7 L of water until water q	1.05	19.7	103.4	5.53	-14.4	191.4
MW433	23/11/2023 9:32	Dark brown, high turbidity, organic odour, no sheen. Sediment at base of Hydrasleeve.	0.63	20.3	189.3	5.87	-36.7	169.1
MW466	16/11/2021 11:27	Light yellow, low turbidity, no odour, no sheen.	2.39	20.7	120.2	5.83	-78.8	127.0
MW466	19/05/2022 10:39	Yellow, low turbidity, no odour, no sheen.	6.09	17.9	99.5	4.81	18.4	224.2
MW466	10/11/2022 9:55	Light yellow, low turbidity, sulfurous odour, no sheen. Orange suspended solids.	1.22	18.9	165.3	5.01	-74.4	131.4
MW466	10/05/2023 10:14	Light yellow, no turbidity, sulfurous odour, no sheen. Sediment at base of HydraSleeve. Trace orange/brown su	0.87	18.0	102.4	5.31	-40.5	165.3
MW466	22/11/2023 14:20	Light brown, no turbidity, organic odour, no sheen.	1.09	21.5	122.0	5.38	-74.8	131.0
MW468	16/11/2021 11:42	Yellow, low turbidity, no odour, no sheen.	1.52	19.2	136.2	5.45	-33.6	172.2
MW468	19/05/2022 10:20	Light Yellow, medium turbidity, no odour, no sheen. White suspended particles.	3.53	15.6	1,700.0	6.75	-59.3	146.5
MW468	10/11/2022 9:43	Yellow, low turbidity, sulfurous odour, no sheen. Suspended yellow slime.	1.18	19.0	174.2	4.83	-40.4	165.4
MW468	10/05/2023 10:02	Yellow, low turbidity, sulfurous odour, no sheen. Sediment at base of HydraSleeve.	1.41	17.8	115.5	5.01	0.7	206.5
MW468	22/11/2023 14:30	Light brown, no turbidity, organic odour, no sheen.	0.70	21.6	120.4	5.79	-115.4	90.4
MW471	10/05/2023 9:54	Yellow, low turbidity, sulfurous odour, no sheen. Sediment at base of HydraSleeve.	2.59	16.7	268.6	5.16	-35.2	170.6
MW829	15/11/2021 15:55	Clear, no turbidity, no odour, no sheen.	2.24	22.9	177.7	5.73	94.2	300.0
MW829	30/05/2022 14:22	Clear, no turbidity, no odour, no sheen. Orange fine suspended matter. No Hydrasleeve present, sample collected with bailer. New Hydrasleeve installed.	4.29	17.5	132.9	5.17	153.2	359.0
MW829	8/11/2022 14:03	Clear, no turbidity, no odour, no sheen. Sample collected with bailer.	1.60	19.5	87.2	5.74	11.6	217.4
MW829	11/05/2023 13:14	Light yellow, medium turbidity, no odour, no sheen. Sampled with bailer.	5.14	21.1	129.7	5.40	7.5	213.3
MW829	23/11/2023 12:59	Light brown, no turbidity, no odour, no sheen.	4.08	22.8	11.5	5.40	6.2	212.0
MW842	2/06/2022 9:39	Clear, no turbidity, no odour, no sheen. Grab sample with peristaltic pump.	1.61	18.7	183.9	5.89	77.8	283.6
MW842	18/05/2023 13:25	Clear, no turbidity, sulfurous odour, no sheen. Sampled with peristaltic pump.	0.36	19.7	246.0	5.08	-42.0	163.8
MW844	2/06/2022 9:51	Clear, no turbidity, no odour, no sheen. Grab sample with peristaltic pump.	2.47	16.9	234.0	5.55	99.0	304.8
MW844	18/05/2023 13:00	Clear, no turbidity, organic odour, no sheen. Sampled with peristaltic pump.	0.21	20.2	106.8	4.99	-26.6	179.2
POT046	27/05/2022 10:42	Clear, no turbidity, sulfurous odour, no sheen.	1.45	16.9	194.6	5.15	14.7	220.5
POT046	16/05/2023 14:25	Clear, no turbidity, sulfurous odour, no sheen.	1.90	20.9	233.8	5.24	-17.6	188.2
POT085	19/11/2021 10:56	Clear, low turbidity, sulfurous odour, no sheen.	1.54	20.7	877.0	6.53	-80.0	125.8
POT085	16/05/2022 15:45	Clear, no turbidity, no odour, no sheen.	6.36	20.8	217.6	6.23	521.0	726.8
POT085	15/05/2023 14:45	Light yellow, no turbidity, sulfurous odour, no sheen.	1.70	21.4	222.0	5.12	57.7	263.5
POT087	27/05/2022 11:26	Clear, no turbidity, sulfurous odour, no sheen.	0.84	18.8	389.9	5.26	58.8	264.6
POT087	17/05/2023 11:06	Light yellow, no turbidity, sulfurous odour, no sheen.	0.68	18.0	338.1	5.48	0.9	206.7
POT089	27/05/2022 11:49	Clear, no turbidity, no odour, no sheen.	0.62	16.8	263.5	4.96	137.7	343.5
POT089	17/05/2023 11:16	Clear, no turbidity, sulfurous odour, no sheen.	1.13	18.4	338.7	5.27	9.3	215.1
POT107	31/05/2022 11:17	Clear, no turbidity, no odour, no sheen.	6.23	17.3	464.5	5.85	122.9	328.7
POT107	14/11/2022 13:03	Clear, no turbidity, no odour, no sheen.	1.54	26.9	531.0	5.72	-42.5	163.3
POT107	15/05/2023 15:30	Light yellow, no turbidity, sulfurous odour, no sheen.	1.48	20.2	491.5	5.84	2.6	208.4
POT144	16/05/2022 9:45	Clear, no turbidity, no odour, no sheen.	6.40	19.5	248.0	4.54	134.8	340.6
POT144	17/05/2023 10:25	Clear, no turbidity, sulfurous odour, no sheen.	2.04	18.6	328.8	5.11	-16.6	189.2
POT236	18/05/2022 14:52	Clear, no turbidity, sulfurous odour, no sheen.	4.17	19.9	165.5	5.86	44.0	249.8
POT236	16/05/2023 12:55	Light yellow, no turbidity, no odour, no sheen.	3.11	19.9	132.1	5.84	111.0	316.8
POT257	18/05/2022 15:12	Clear, no turbidity, no odour, no sheen.	7.14	17.2	316.2	5.35	95.0	300.8
POT257	16/05/2023 12:07	Light brown, no turbidity, no odour, no sheen.	3.95	17.2	427.7	6.02	108.3	314.1
POT382	12/11/2021 10:39	Clear, no turbidity, no odour, no sheen.	0.58	26.7	2,163.0	7.98	-95.3	110.5
POT382	18/05/2022 10:10	Clear, no turbidity, no odour, no sheen.	1.39	22.1	2,125.0	7.55	40.3	246.1
POT382	14/11/2022 16:37	Clear, no turbidity, no odour, no sheen.	0.76	26.9	2,382.0	7.51	-63.1	142.7
POT382	17/05/2023 13:44	Clear, no turbidity, no odour, no sheen.	1.60	19.5	2,271.0	8.42	-146.3	59.5

Table T2 - Groundwater Quality Parameters and Observations

			Water Quality Parameters					
			Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
			mg/L	°C	µS/cm	pH_Units	mV	mV
Location Code	**Sampled Date Time**	**Sample Comment**						
POT382	28/11/2023 8:15	Clear, no turbidity, no odour, no sheen.	1.11	23.2	2,202.0	7.54	18.3	224.1

Notes

mg/L	milligrams per Litre
°C	degrees Celsius
µS/cm	microSiemens per centimetre
mV	milliVolts
Corrected field Redox measurement Eh = Er + 205.8	
n/a	not applicable

Table T3 - Surface Water Quality Parameters and Observations

							Water Quality Parameters					
							Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
							mg/L	°C	µS/cm	pH Units	mV	mV
Location Code	**Alternative Name**	**Sampled Date/Time**	**Location Comments**	**Sample Depth From (m)**	**Sample Depth To (m)**	**Sample Comment**						
SW001	MD1	19/11/2021 14:49	Drainage channel. Weeds and grasses in drain. Waterbody width (approx.): 2.0 m, banks up to 4.0 m. Waterbody depth (approx.): 1.0 m. Water flow observed.	0.05	0.1	Clear, low turbidity, no odour, no sheen.	4.83	22.5	162.0	6.19	95.5	301.3
SW001	MD1	18/05/2022 10:45	Drainage channel. Weeds and grasses in drain. Waterbody width (approx.): 3.0 m, banks up to 4.0 m. Waterbody depth (approx.): 0.5 m. Water flow observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	6.80	19.3	233.2	6.34	3.6	209.4
SW001	MD1	8/11/2022 15:38	Drainage channel. Waterbody width (approx.): 3.0 m, banks up to 4.0 m. Waterbody depth (approx.): 0.5 m. Water flow observed.	0.1	0.2	Clear, low turbidity, no odour, no sheen.	5.71	23.4	183.7	6.09	48.7	254.5
SW001	MD1	8/05/2023 15:43	Creek/drainage channel. Waterbody 3 m wide, 0.8 m deep. Water flow not observed.	0.1	0.2	Light yellow, low turbidity, no odour, no sheen. Suspended organic matter (decomposing).	5.73	17.9	180.6	5.55	138.3	344.1
SW001	MD1	21/11/2023 10:02	Creek/stormwater drain. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.4 m. Water flow not observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	4.96	23.8	153.1	6.26	92.9	298.7
SW005	MD5	17/11/2021 14:53	Drainage channel with concrete outlet. Grasses and trees along banks. Waterbody width (approx.): 5.0 m. Waterbody depth (approx.): 0.2 m. Water flow observed.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	4.30	21.1	457.8	6.31	89.4	295.2
SW005	MD5	18/05/2022 9:35	Drainage channel with concrete outlet. Grasses and trees along banks. Waterbody width (approx.): 5.0 m. Waterbody depth (approx.): 0.2 m.	0.1	0.2	Pale yellow, low turbidity, no odour, no sheen. Suspended organic material.	8.14	15.1	208.4	5.73	48.4	254.2
SW005	MD5	8/11/2022 9:06	Drainage channel with concrete culvert. Waterbody width (approx.): 4 m. Depth (approx.): 0.8 m. Water flow observed.	0.1	0.2	Light brown, low turbidity, no odour, no sheen.	2.77	21.6	21,470.0	6.68	27.5	233.3
SW005	MD5	9/05/2023 11:17	Drainage channel with concrete culvert. Waterbody 4 m wide, 0.5 m deep. Water flow not observed.	0	0.3	Clear, low turbidity, no odour, no sheen. Biofilm on water body surface.	4.39	13.8	259.4	6.44	92.1	297.9
SW005	MD5	21/11/2023 12:25	Creek. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.2 m. Water flow not observed.	0.05	0.1	Brown, low turbidity, no odour, no sheen.	4.31	22.4	5,814.0	6.79	-18.6	187.2
SW006	MD6	17/11/2021 13:27	Drainage channel. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 1.0 m.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	5.49	23.8	183.1	7.93	80.1	285.9
SW006	MD6	18/05/2022 11:15	Drainage channel. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 1.0 m. Water flow observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	6.83	18.0	51.2	6.45	70.0	275.8
SW006	MD6	8/11/2022 14:56	Drainage channel with concrete culvert. Waterbody width (approx.): 1.0 m. Depth: (approx.) 0.1 m. Water flow not observed.	0.1	0.2	Brown/orange, medium turbidity, no odour, no sheen. Suspended solids.	5.53	28.5	220.6	6.31	64.6	270.4
SW006	MD6	8/05/2023 16:13	Creek/drainage channel. Waterbody 2 m wide, 0.3 m deep. Shrubs on both banks. Water flow not observed.	0.1	0.2	Light brown, no turbidity, no odour, no sheen.	6.28	13.5	126.6	6.21	133.4	339.2
SW006	MD6	n/a	Creek/stormwater drain. Dry. Water flow not observed.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW007	MD7	16/11/2021 15:40	Drainage channel. Grasses in drain and bushes along banks. Waterbody width (approx.): 2.0 m. Waterbody depth (approx.): 0.3 m. No water flow observed.	0.05	0.1	Clear, low turbidity, no odour, no sheen.	3.85	21.8	133.2	6.81	109.6	315.4
SW007	MD7	18/05/2022 11:01	Drainage channel. Grasses in drain and bushes along banks. Waterbody width (approx.): 2.0 m. Waterbody depth (approx.): 0.3 m. Water flow observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	7.95	18.7	59.6	6.35	39.0	244.8
SW007	MD7	8/11/2022 14:44	Drainage channel with concrete culvert. Grasses in creek. Waterbody width (approx.): 1.0 m. Depth (approx.): 0.2 m. Water flow observed.	0.1	0.2	Light yellow, no turbidity, no odour, no sheen. Suspended solids.	7.10	28.3	178.5	6.76	40.7	246.5
SW007	MD7	8/05/2023 15:57	Drainage channel with concrete culvert. Waterbody 1.5 m wide, 0.4 m deep. Water flow observed.	0.1	0.2	Light yellow, no turbidity, no odour, no sheen.	3.65	16.4	82.4	6.62	98.1	303.9
SW007	MD7	21/11/2023 10:21	Creek/stormwater drain. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 0.1 m. Water flow not observed.	0.05	0.1	Clear, no turbidity, no odour, no sheen.	7.34	26.3	136.9	6.06	41.2	247.0
SW009	MD8	17/11/2021 13:43	Drainage channel. Aquatic vegetation present. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.5 m.	0.05	0.1	Clear, no turbidity, no odour, no sheen.	3.49	26.7	180.0	6.21	106.0	311.8
SW009	MD8	17/05/2022 11:25	Drainage channel. Aquatic vegetation present. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.5 m. No water flow observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	4.15	18.9	90.3	6.30	86.3	292.1
SW009	MD8	8/11/2022 15:12	Drainage channel. Waterbody width (approx.) 3 m. Depth (approx.) 0.7 m. Water flow observed.	0.1	0.2	Clear, low turbidity, no odour, no sheen. Orange suspended solids.	6.98	26.2	167.7	6.47	-18.1	187.7
SW009	MD8	8/05/2023 15:12	Creek/drainage channel. Waterbody 2 m wide, 0.3 m deep. Algae observed. Decomposing organic matter on bottom. Water flow observed.	0.1	0.2	Light brown, no turbidity, no odour, no sheen.	7.86	16.2	149.8	5.22	155.8	361.6
SW009	MD8	28/11/2023 9:47	Creek. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.3 m. Water flow not observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	6.30	23.6	170.0	6.15	95.9	301.7
SW011	MD10	11/05/2023 10:30	Moors Drain. Waterbody 3 m wide, 0.3 m deep. Algae observed. Water flow observed.	0	0.3	Clear, no turbidity, no odour, no sheen.	8.46	16.4	169.0	5.82	201.5	407.3
SW011	MD10	27/11/2023 14:14	Ephemeral stormwater drain. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 0.1 m. Water flow not observed.	0.1	0.1	Brown, no turbidity, no odour, no sheen.	5.39	29.3	204.7	5.85	24.7	230.5
SW011	MD10	n/a	Not accessible, pathway flooded.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW011	MD10	n/a	Not accessible, Moors Drain flooded.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW011	MD10	n/a	Unable to access, path flooded.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW014	MD14	17/11/2021 14:24	Drainage channel with concrete outlet. Trees along banks; aquatic vegetation and suspended organic material present. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.5 to 1.0 m. Water flow observed.	0.05	0.1	Clear, low turbidity, no odour, no sheen.	4.74	23.1	170.8	6.21	79.4	285.2
SW014	MD14	16/05/2022 14:50	Drainage channel with concrete outlet. Trees along banks; aquatic vegetation and suspended organic material present. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.5 to 1.0 m. No water flow observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	5.75	20.7	98.4	5.71	91.8	297.6

Table T3 - Surface Water Quality Parameters and Observations

							Water Quality Parameters					
							Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
							mg/L	°C	µS/cm	pH Units	mV	mV
Location Code	**Alternative Name**	**Sampled Date/Time**	**Location Comments**	**Sample Depth From (m)**	**Sample Depth To (m)**	**Sample Comment**						
SW014	MD14	7/11/2022 14:51	Drainage channel. Waterbody width (approx.): 4.0 m. Depth (approx.): 0.3 m. Aquatic plants present. Water flow not observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	6.15	27.0	219.3	5.77	94.1	299.9
SW014	MD14	9/05/2023 10:00	Drainage channel with concrete outlet. Waterbody 5 m wide, 0.4 m deep. Water flow observed.	0	0.2	Clear, no turbidity, no odour, no sheen.	7.19	12.4	205.3	6.31	48.1	253.9
SW014	MD14	21/11/2023 11:53	Creek. Waterbody width (approx.): 5.0 m. Waterbody depth (approx.): 0.4 m. Water flow not observed.	0.1	0.2	Brown, no turbidity, no odour, no sheen.	4.10	21.2	361.0	5.55	-80.5	125.3
SW019	TC12	12/11/2021 12:16	Creek. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 2.0 m. Water flow observed.	0.05	0.1	Light brown, medium turbidity, no odour, no sheen.	4.27	25.8	744.0	8.02	9.0	214.8
SW019	TC12	27/05/2022 12:05	Creek. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 2.0 m. Water flow observed.	0.1	0.2	Yellow / brown, medium turbidity, no odour, no sheen.	4.14	17.2	360.8	5.86	121.7	327.5
SW019	TC12	14/11/2022 13:42	Creek. Waterbody width (approx.): 5.0 m. Depth (approx.): 1.0 m. Water flow observed.	0.1	0.2	Light brown, low turbidity, no odour, no sheen.	5.38	28.7	8.2	6.99	10.8	216.6
SW019	TC12	17/05/2023 11:42	Creek. Waterbody 4 m wide, 1.5 m deep. Water flow observed.	0.1	0.25	Light yellow, no turbidity, no odour, no sheen.	4.71	15.6	1,029.0	7.02	4.9	210.7
SW019	TC12	28/11/2023 10:15	Creek with drain. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 1.0 m. Water flow observed.	0.1	0.2	Yellow, low turbidity, no odour, biosheen.	2.46	23.7	2,038.0	7.72	-25.3	180.5
SW023	TC6A	17/11/2021 15:49	Creek / Drainage channel. Grass and trees along banks. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.4 m. Water flow observed.	0.05	0.1	Brown, low turbidity, no odour, no sheen.	3.91	23.7	799.0	7.17	43.6	249.4
SW023	TC6A	17/05/2022 10:58	Creek / Drainage channel. Grass and trees along banks. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.4 m. Water flow observed.	0.1	0.2	Yellow, low turbidity, no odour, no sheen. Suspended organic material.	4.06	18.7	830.0	6.46	129.0	334.8
SW023	TC6A	8/11/2022 10:57	Creek with concrete bridge. Waterbody width (approx.): 5.0 m. Depth (approx.): 0.5 m. Water flow observed.	0.1	0.2	Brown, low turbidity, no odour, biosheen.	4.29	23.4	1,209.0	6.87	55.8	261.6
SW023	TC6A	9/05/2023 10:51	Creek with concrete bridge. Waterbody 5 m wide, 1 m deep. Water flow not observed.	0	0.3	Grey/brown, no turbidity, no odour, no sheen.	6.20	14.3	952.0	6.62	31.5	237.3
SW023	TC6A	20/11/2023 11:35	Creek. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.3 m. Water flow observed.	0.1	0.2	Light brown, no turbidity, no odour, biosheen.	3.41	25.7	1,534.0	7.61	73.2	279.0
SW024	TC7	17/11/2021 15:18	Creek / Drainage channel with concrete outlets. Trees and reeds on one side of bank and grass on the other. Waterbody width (approx.): 8.0 to 9.0 m. Waterbody depth (approx.): 1.0 to 2.0 m. Water flow observed. Some brown suspended organic material. Sample taken near autosampler.	0.05	0.1	Brown, high turbidity, sulfurous odour, no sheen.	4.07	23.2	6,332.0	6.85	95.7	301.5
SW024	TC7	16/05/2022 15:26	Creek / Drainage channel with concrete outlets. Trees and reeds on one side of bank and grass on the other. Waterbody width (approx.): 8.0 to 9.0 m. Waterbody depth (approx.): 1.0 to 2.0 m. No water flow observed.	0.1	0.2	Yellow, medium turbidity, no odour, no sheen.	3.58	21.7	772.0	6.49	118.9	324.7
SW024	TC7	8/11/2022 10:10	Creek with large concrete culvert. Waterbody width (approx.): 8.0 m. Depth (approx.) 2.0 m. Foam observed and foam sample collected (OTH075). Water flow observed.	0.1	0.2	Brown, low turbidity, no odour, no sheen.	5.38	25.2	7,085.0	6.84	13.7	219.5
SW024	TC7	9/05/2023 11:53	Creek with large concrete culvert. Waterbody 10 m wide, 0.5 m deep. Foam on surface observed Water flow observed.	0	0.3	Light yellow, no turbidity, no odour, no sheen.	5.01	13.9	21,108.0	6.84	107.5	313.3
SW024	TC7	20/11/2023 10:50	Creek. Waterbody width (approx.): 10.0 m. Waterbody depth (approx.): 0.3 m. Water flow observed.	0.1	0.2	Light brown, low turbidity, no odour, no sheen.	1.59	23.3	21,871.0	6.95	71.7	277.5
SW047	BD03	16/11/2021 13:20	Drainage channel. Dense vegetation along banks; aquatic plants and suspended algal growth present. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 2.0 m. Water flow observed.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	3.59	20.4	132.0	5.97	93.5	299.3
SW047	BD03	19/05/2022 13:28	Drainage channel. Dense vegetation along banks; aquatic plants and suspended algal growth present. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 0.5 m. No water flow observed.	0.05	0.1	Clear, low turbidity, no odour, no sheen. Suspended organic material.	2.30	20.0	50.5	5.53	125.1	330.9
SW047	BD03	10/11/2022 11:58	Drainage channel. Waterbody width (approx.): 6 m. Depth (approx.) 0.1 m. Decaying organic matter, aquatic veg (lily pads), orange decayed matter fines settled on edges. Water flow observed.	0.1	0.2	Light brown, low turbidity, no odour, no sheen.	3.85	24.3	118.1	5.35	158.0	363.8
SW047	BD03	10/05/2023 14:02	Creek/ drainage line. Waterbody 4 m wide, 1 m deep. Algae and lily pads observed. Water flow not observed.	0.2	0.3	Clear, no turbidity, no odour, no sheen.	3.55	20.3	121.7	5.25	186.2	392.0
SW047	BD03	22/11/2023 11:32	Creek, Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 0.4 m. Water flow not observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	3.94	24.3	139.8	6.36	5.3	211.1
SW048	BD04	16/11/2021 13:01	Drainage channel. Reeds and grasses in drain. Waterbody width (approx.): 5.0 m. Waterbody depth (approx.): 0.3 m. No water flow observed.	0.05	0.1	Light brown, low turbidity, no odour, no sheen.	6.85	25.1	87.5	5.61	172.0	377.8
SW048	BD04	19/05/2022 12:51	Drainage channel. Reeds and grasses in drain. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): 0.2 m.	0.04	0.05	Clear, low turbidity, no odour, no sheen.	8.21	18.6	23.4	5.15	78.8	284.6
SW048	BD04	10/11/2022 11:33	Drainage channel. Waterbody width (approx.): 5 m. Depth (approx.) 0.3 m. Vegetation either side of bank. Suspended organic product in water. Water flow not observed.	0.1	0.2	Clear, low turbidity, no odour, no sheen.	9.48	23.4	111.3	5.90	99.7	305.5
SW048	BD04	10/05/2023 12:08	Drain. Waterbody 5 m wide, 0.3m deep. Moderately vegetated. Water flow not observed.	0	0.3	Clear, no turbidity, no odour, no sheen. Suspended organic matter.	8.31	23.3	84.5	5.85	84.9	290.7
SW048	BD04	22/11/2023 11:38	Creek. Waterbody width (approx.): 5.0 m. Waterbody depth (approx.): 0.2 m. Water flow not observed.	0.1	0.2	Clear, low turbidity, sulfurous odour, biosheen.	4.37	25.4	104.6	5.71	-9.3	196.5
SW055	DD1	16/11/2021 12:34	Concrete drainage channel. Waterbody width (approx.): 3.5 m. Waterbody depth (approx.): 0.3 m. Water flow observed.	0.05	0.1	Yellow, no turbidity, no odour, no sheen.	4.98	18.7	89.2	6.18	62.0	267.8
SW055	DD1	19/05/2022 11:06	Concrete drainage channel. Waterbody width (approx.): 2.0 m. Waterbody depth (approx.): 0.4 m. Water flow observed.	0.1	0.2	Clear, low turbidity, no odour, biosheen appearance.	4.00	16.8	91.2	5.90	-6.9	198.9
SW055	DD1	10/11/2022 10:36	Drainage channel with concrete culvert beneath gravel road.Waterbody width (approx.): 5 m. Depth (approx.): 0.3 m deep, flowing, aquatic plants submerged and of edges. Water flow observed.	0.1	0.2	Yellow/brown, low turbidity, no odour, no sheen.	2.72	20.6	110.5	5.81	65.6	271.4
SW055	DD1	10/05/2023 10:45	Creek/drainage channel. Waterbody 2 m wide, 0.3 m deep. Vegetation on edges. Water flow observed.	0	0.2	Clear, low turbidity, no odour, no sheen.	3.28	15.2	96.7	5.12	109.1	314.9
SW055	DD1	22/11/2023 14:11	Stormwater drain. Waterbody width (approx.): 2.0 m. Waterbody depth (approx.): 0.3 m. Water flow not observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	4.40	24.8	112.8	6.37	-39.6	166.2

Table T3 - Surface Water Quality Parameters and Observations

							Water Quality Parameters					
							Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
							mg/L	°C	µS/cm	pH Units	mV	mV
Location Code	**Alternative Name**	**Sampled Date/Time**	**Location Comments**	**Sample Depth From (m)**	**Sample Depth To (m)**	**Sample Comment**						
SW059	DD2	15/11/2021 11:47	Drainage channel. Vegetation along banks. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): >1.0 m.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	2.69	18.8	151.5	6.11	137.0	342.8
SW059	DD2	17/05/2022 9:52	Drainage channel. Vegetation along banks. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): >1.0 m.	0.1	0.2	Pale yellow, no turbidity, no odour, no sheen.	2.65	17.0	100.1	5.32	74.0	279.8
SW059	DD2	9/11/2022 9:26	Drainage channel with concrete culvert. Water flow observed.	0.1	0.2	Brown/orange, no turbidity, organic odour, no sheen.	2.76	19.7	188.7	5.61	-17.0	188.8
SW059	DD2	16/05/2023 13:20	Creek/drainage channel. Waterbody 4 m wide, 0.4 m deep. Water flow not observed.	0.1	0.2	Yellow, no turbidity, no odour, biosheen.	2.68	18.9	283.5	5.21	179.9	385.7
SW059	DD2	23/11/2023 11:33	Creek. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 0.5 m. Water flow observed.	0.2	0.2	Brown, low turbidity, no odour, no sheen.	3.66	23.6	245.3	6.29	46.6	252.4
SW060	DD3	15/11/2021 12:24	Drainage channel. Vegetation along banks. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): >1.0 m.	0.05	0.1	Light brown, low turbidity, no odour, biosheen.	38.30	20.3	164.7	6.09	120.4	326.2
SW060	DD3	18/05/2022 14:57	Drainage channel. Vegetation and duckweed along banks. Waterbody width (approx.): 4.0 m. Waterbody depth (approx.): >1.0 m. No water flow observed.	0.1	0.2	clear, low turbidity, no odour, no sheen. Suspended organic material.	4.60	19.9	83.7	5.72	108.7	314.5
SW060	DD3	9/11/2022 12:35	Drainage channel with concrete culvert. Waterbody width (approx.): 3.0 m. Depth (approx.): 0.2 m. Algal growth in water. Water flow observed.	0.1	0.2	Light yellow, low turbidity, no odour, no sheen. Trace suspended solids.	4.43	24.7	154.4	5.65	87.2	293.0
SW060	DD3	11/05/2023 11:47	Creek/drainage channel. Waterbody 4 m wide, 1 m deep. Algae and duck weed observed. Water flow not observed.	0.2	0.2	Light yellow, no turbidity, no odour, no sheen.	4.28	17.9	236.1	5.73	187.2	393.0
SW060	DD3	23/11/2023 10:31	Drain. Waterbody width (approx.): 2.0 m. Waterbody depth (approx.): 0.5m. Water flow observed.	0.2	0.2	Yellow, low turbidity, no odour, biosheen.	3.11	25.4	369.5	7.23	-8.5	197.3
SW062	DD5	17/11/2021 12:05	Concrete drainage channel. Waterbody width (approx.): 6.0 m. Waterbody depth (approx.): 0.6 m.	0.05	0.1	Light brown, medium turbidity, no odour, biosheen.	2.67	23.7	857.0	7.06	47.6	253.4
SW062	DD5	16/05/2022 13:17	Concrete drainage channel. Waterbody width (approx.): 6.0 m. Waterbody depth (approx.): 0.6 m. No water flow observed.	0.1	0.2	Yellow, low turbidity, no odour, biosheen appearance.	3.72	19.8	930.0	6.57	102.1	307.9
SW062	DD5	7/11/2022 14:28	Drainage channel with culvert beneath road. Width (approx.): 7 m. Depth (approx.) 0.3 m. Some algae growth and submerged aquatic plants. Water flow observed.	0.1	0.2	Yellow/brown, low turbidity, no odour, no sheen.	2.37	22.6	1,420.0	7.07	-0.5	205.3
SW062	DD5	11/05/2023 10:06	Creek/drainage channel with culvert beneath road. Waterbody 6 m wide, 0.4 m deep. Water flow not observed.	0.1	0.2	Yellow, low turbidity, no odour, no sheen.	3.47	14.0	1,741.0	6.65	143.6	349.4
SW062	DD5	23/11/2023 13:12	Creek. Waterbody width (approx.): 2.0 m. Waterbody depth (approx.): 0.5 m. Water flow observed.	0.2	0.2	Clear, low turbidity, no odour, no sheen.	7.71	27.4	2,299.9	7.88	89.3	295.1
SW072	FFD4	n/a	Not accessible, unable to secure appoiuntment with property owner.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW072	FFD4	n/a	Not accessible, unable to secure appointment with property owner.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW079	TC2	12/11/2021 15:00	Creek. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 1.5 m.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	2.91	24.7	796.0	6.64	73.5	279.3
SW079	TC2	16/05/2022 12:05	Creek. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 1.5 m.	0.1	0.2	Pale yellow, low turbidity, organic odour, no sheen. Suspended black particles.	4.49	21.7	1,107.0	6.89	-5.1	200.7
SW079	TC2	7/11/2022 12:49	Creek. Waterbody width (approx.): 3 m. Depth unable to be estimated. Reeds and aquatic plants in water and along banks. Water flow not observed.	0.1	0.2	Grey, low turbidity, no odour, no sheen.	3.83	23.2	3,315.0	7.03	6.3	212.1
SW079	TC2	9/05/2023 11:50	Creek. Waterbody 4 m wide, 1m deep. Vegetation on both banks. Water flow not observed.	0.4	0.4	Light brown, medium turbidity, no odour, no sheen.	4.34	13.7	2,483.0	6.78	-44.0	161.8
SW079	TC2	21/11/2023 13:25	Creek. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 1.0 m. Water flow not observed.	0.1	0.3	Clear, no turbidity, no odour, biosheen.	10.25	27.4	1,356.0	8.41	61.7	267.5
SW081	TFD1	30/11/2021 16:30	Drainage channel with concrete outlet. Reeds in water and along banks; algal growth and biosheen on water surface. Waterbody width (approx.): 1.0 to 3.0 m at different points. Waterbody depth (approx.): 0.5 to 1.0 m.	0.05	0.1	Brown, high turbidity, no odour, biosheen.	0.40	18.7	742.0	6.69	-37.8	168.0
SW081	TFD1	16/05/2022 12:57	Drainage channel with concrete outlet. Reeds in water and along banks; algal growth and biosheen on water surface. Waterbody width (approx.): 1.0 to 3.0 m at different points. Waterbody depth (approx.): 0.5 to 1.0 m. No water flow observed.	0.05	0.1	Yellow, medium turbidity, no odour, biosheen appearance. Suspended organic material.	4.49	21.3	550.0	6.71	65.5	271.3
SW081	TFD1	8/11/2022 9:27	Drainage channel with culvert. Waterbody width (approx.): 3 m. Depth (approx.): 0.5 m. Organic sheen on waterbody surface observed. Water flow not observed.	0.1	0.2	Light yellow, low turbidity, no odour, biosheen. Brown suspended solids.	1.55	19.4	428.7	6.63	-50.1	155.7
SW081	TFD1	11/05/2023 9:43	Creek/drainage channel. Waterbody 6 m wide, 0.4m deep. Water flow observed.	0.2	0.3	Light yellow, low turbidity, no odour, no sheen.	5.90	13.3	1,179.0	6.36	208.3	414.1
SW081	TFD1	23/11/2023 12:58	Creek. Waterbody width (approx.): 3.0 m. Waterbody depth (approx.): 0.5 m. Water flow observed.	0.2	0.2	Light yellow, medium turbidity, organic odour, no sheen.	7.31	27.7	1,960.6	7.75	103.9	309.7
SW082	TFD2	19/11/2021 12:23	Drainage channel in front of concrete outlets. Grass along banks. Waterbody width (approx.): 8.0 m. Waterbody depth (approx.): > 2.0 m. Water flow observed.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	3.49	23.5	1,272.0	7.13	39.7	245.5
SW082	TFD2	n/a	Not accessible, unable to secure appointment with property owner.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW108	LC	16/11/2021 14:06	Lake Cochran. Vegetation along banks. Waterbody width (approx.): 250 x 150 m. Waterbody depth (approx.): >2 m. No water flow observed.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	4.88	24.6	100.2	6.63	34.5	240.3
SW108	LC	19/05/2022 9:44	Lake Cochran. Vegetation along banks. Waterbody width (approx.): 250 x 150 m. Waterbody depth (approx.): >2 m. No water flow observed.	0.05	0.1	Clear, low turbidity, no odour, no sheen. Suspended organic material.	5.68	16.2	112.6	6.06	153.8	359.6
SW108	LC	10/11/2022 11:36	Lake Cochran. Waterbody width (approx.): 60 m. Depth (approx.) 0.3 m at sample point. Decomposing organic matter, aquatic plants present. Water flow not observed.	0.1	0.2	Light yellow, low turbidity, no odour, no sheen. Light yellow, orange/brown suspended solids.	6.42	24.9	126.0	6.08	120.8	326.6
SW108	LC	10/05/2023 13:46	Lake Cochran. Waterbody 100 m wide, approx. 2 m deep. Water flow not observed.	0.4	0.5	Light yellow, medium turbidity, no odour, no sheen. Suspended organic matter (decomposing).	5.84	17.3	102.1	6.18	146.6	352.4

Table T3 - Surface Water Quality Parameters and Observations

							Water Quality Parameters					
							Dissolved Oxygen	Temperature	Electrical Conductivity	pH	Redox Potential Er	Redox Potential Eh (Corrected)
							mg/L	°C	µS/cm	pH Units	mV	mV
Location Code	**Alternative Name**	**Sampled Date/Time**	**Location Comments**	**Sample Depth From (m)**	**Sample Depth To (m)**	**Sample Comment**						
SW108	LC	22/11/2023 14:40	Lake Cochran. Waterbody width (approx.): 50.0 m. Waterbody depth (approx.): 5.0 m. Water flow not observed.	0.2	0.3	Clear, no turbidity, no odour, no sheen.	7.24	27.4	119.9	6.69	54.0	259.8
SW110	LC_B	16/11/2021 12:16	Lake Cochran. Vegetation along banks. Waterbody width (approx.): 250 x 150 m. Waterbody depth (approx.): >2 m. Water flow observed. Sample collected upstream of filtration system.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	6.04	21.2	92.1	6.67	33.6	239.4
SW110	LC_B	19/05/2022 9:13	Lake Cochran. Vegetation along banks. Waterbody width (approx.): 250 x 150 m. Waterbody depth (approx.): >2 m. Water flow observed.	0.05	0.1	Clear, low turbidity, no odour, no sheen.	6.88	17.0	110.8	7.15	94.6	300.4
SW110	LC_B	10/11/2022 11:11	Lake Cochran. Waterbody width (approx.) 60 m. Depth (approx.) 0.2 m at sample point. Aquatic plants present, brown film on surface. Decaying organic matter (leaves, sticks, branches). Water flow observed.	0.1	0.2	Brown, low turbidity, no odour, no sheen. Orange/brown suspended solids.	5.14	23.7	112.6	6.08	102.2	308.0
SW110	LC_B	10/05/2023 11:20	Lake Cochran. Waterbody approx. 75 m x 150 m wide, approx. 2 m deep. Water flow not observed.	0	0.3	Clear, no turbidity, no odour, no sheen.	7.02	15.9	92.7	5.60	216.3	422.1
SW110	LC_B	22/11/2023 14:58	Lake Cochran. Waterbody width (approx.): 50.0 m. Waterbody depth (approx.): 5.0 m. Water flow not observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	4.22	26.8	117.7	6.71	-64.7	141.1
SW259	FCD4	26/11/2021 8:15	Drainage channel. Waterbody width (approx.): 3.0 to 4.0 m. Waterbody depth (approx.): 2.0 m.	0.05	0.1	Yellow, low turbidity, no odour, no sheen.	2.52	20.6	1,869.0	7.05	126.0	331.8
SW259	FCD4	27/05/2022 8:18	Drainage channel. Waterbody width (approx.): 10.0 m. Waterbody depth (approx.): 2.0 m. Water flow observed.	0.1	0.2	Pale yellow, no turbidity, no odour, no sheen.	3.22	14.9	949.0	7.14	51.7	257.5
SW259	FCD4	15/11/2022 8:20	Drainage channel. Waterbody width (approx.): 10 m. Depth (approx.): 1 m. Water flow observed.	0.1	0.2	Brown, low turbidity, no odour, no sheen.	4.17	21.3	2,916.0	7.01	34.0	239.8
SW259	FCD4	16/05/2023 10:03	Creek/drainage channel. Waterbody 6 m wide, 0.4 m deep. Water flow not observed.	0.1	0.2	Light yellow, low turbidity, no odour, no sheen.	4.51	17.3	15,254.0	7.16	115.3	321.1
SW259	FCD4	27/11/2023 15:10	Creek. Waterbody width (approx.): 6.0 m. Waterbody depth (approx.): 2.0 m. Water flow observed.	0.1	0.2	Clear, no turbidity, no odour, no sheen.	8.21	26.0	47,018.0	7.80	25.2	231.0
SW600		25/11/2022 11:36	Drainage channel. Waterbody width (approx.) 7 m. Duck weed cover, dense aquatic plants on banks. Water flow observed.	0.1	0.2	Yellow, low turbidity, organic odour, no sheen. Suspended solids.	4.37	28.3	1,352.0	7.84	31.1	236.9
SW600		15/05/2023 13:09	Creek/drainage channel. Waterbody 4 m wide, 0.4 m deep. Water flow not observed.	0.1	0.2	Light yellow, no turbidity, organic odour, no sheen.	4.79	18.0	2,820.0	7.09	-33.1	172.7
SW600		27/11/2023 10:25	Creek. Waterbody width (approx.): 5.0 m. Waterbody depth (approx.): 1.0 m. Water flow not observed.	0.2	0.2	Clear, no turbidity, no odour, biosheen.	2.39	26.7	3,279.8	7.38	86.1	291.9

Notes

mg/L	milligrams per Litre
°C	degrees Celsius
µS/cm	microSiemens per centimetre
mV	milliVolts
n/a	not applicable

Corrected field Redox measurement Eh = Er + 205.8

Table T4 - Sediment Observations

Location Code	Alternative Name	Sampled Date Time	Sample Depth From (m)	Sample Depth To (m)	Sample Comment
SD001	MD1	19/11/2021 14:30	0.1	0.2	Sandy SILT: brown, medium grained sand, 20% organic material (leaves and roots). No odour or staining.
SD001	MD1	18/05/2022 10:47	0.05	0.1	SAND: yellow brown, medium to fine grain, 10% organic material. No odour or staining.
SD001	MD1	8/11/2022 15:39	0.05	0.1	Silty SAND: brown, with organic material, organic odour.
SD001	MD1	8/05/2023 15:45	0.00	0.20	Silty SAND: dark grey, medium to coarse grained, high organic content (leaves, sticks). Organic odour, no staining.
SD001	MD1	21/11/2023 10:03	0.10	0.20	CLAY: dark brown, medium plasticity, saturated, with organic inclusions (rootlets, leaf litter). No odour, no staining.
SD005	MD5	17/11/2021 14:58	0.1	0.15	Gravelly SAND: brown, fine to medium gravel, with fine to medium grained sand, 20% organic material (decomposing leaves). No odour or staining.
SD005	MD5	18/05/2022 9:35	0.05	0.1	Gravelly SAND silt: brown, medium grained, with fine to medium gravel with some silt. No odour or staining.
SD005	MD5	8/11/2022 9:06	0.05	0.1	Sandy SILT: brown, low plasticity, medium grained sand, with rootlets, saturated.
SD005	MD5	9/05/2023 11:14	0.00	0.20	Silty CLAY: brown, medium plasticity, with gravel inclusions, angular to subangular, up to 10 mm, and organic inclusions (roots, leaves). No odour or staining.
SD005	MD5	21/11/2023 12:25	0.10	0.20	Sandy SILT: dark brown, low plasticity, sand is medium grain, poorly graded, saturated, with organics (leaf litter). No odour, no staining.
SD006	MD6	17/11/2021 13:26	0	0.1	Silty SAND: brown, fine to medium grained, 15% organic material (roots). No odour or staining.
SD006	MD6	18/05/2022 11:17	0.1	0.3	SAND: light brown-yellow, fine to medium grained, 5% organic material. No odour or staining.
SD006	MD6	8/11/2022 14:56	0.05	0.1	Silty SAND: dark grey, fine to coarse grained, with roots, saturated.
SD006	MD6	8/05/2023 16:09	0.00	0.20	Sandy SILT: dark brown, low plasticity, fine grained sand, fine organic matter, saturated. Organic odour, no staining.
SD006	MD6	21/11/2023 10:43	0.10	0.20	CLAY: dark brown, medium plasticity, saturated, with significant organic inclusions (rootlets). No odour, no staining.
SD007	MD7	16/11/2021 15:39	0.1	0.2	SAND: light brown, medium grain, 5% organic material. No odour or staining.
SD007	MD7	18/05/2022 11:03	0.05	0.3	SAND: Yellow-brown, fine to medium grained. 5% organic material. No odour or staining.
SD007	MD7	8/11/2022 14:42	0.05	0.1	SAND: light brown, medium to coarse grained, trace fine gravels, saturated.
SD007	MD7	8/05/2023 15:59	0.00	0.20	Silty SAND: dark brown, fine to medium grained, with gravel inclusions, rounded, and fine organic inclusions. No odour or staining.
SD007	MD7	21/11/2023 10:21	0.10	0.20	SAND: brown, medium grain, poorly graded, saturated. No odour, no staining.
SD009	MD8	17/11/2021 13:42	0	0.05	SAND: light brown, fine to medium grained. No odour or staining.
SD009	MD8	17/05/2022 11:25	0.2	0	SAND: light brown, fine to medium grained, 10% organic material. No odour or staining.
SD009	MD8	8/11/2022 15:15	0.05	0.1	SAND: brown, fine to medium grain, moist.
SD009	MD8	8/05/2023 15:08	0.00	0.20	Silty SAND: grey-black, medium to coarse grained, sub-angular sand, trace organic material, saturated. Organic odour, no staining.
SD009	MD8	21/11/2023 11:28	0.10	0.20	SAND: dark grey, medium grain, saturated, organic inclusions (leaf litter). No odour, no staining.
SD011	MD10	11/05/2023 10:26	0.00	0.30	Silty SAND: brown-grey, fine to medium grained, with organic inclusions. No odour or staining.
SD011	MD10	28/11/2023 9:16	0.10	0.20	Silty SAND: dark brown, medium grained, poorly graded, saturated, silt is dark brown, low plasticity, with organic inclusions (rootlets, leaf litter). No odour, no staining.
SD011	MD10	n/a	n/a	n/a	Unable to access, path flooded.
SD011	MD10	n/a	n/a	n/a	Not sampled. Area flooded, no access to Location.
SD011	MD10	n/a	n/a	n/a	Not sampled. Location not accessible, pathway flooded.
SD014	MD14	17/11/2021 14:30	0.1	0.2	Sandy SILT: black-brown, fine grained sand, 10% organic material (rootlets). No odour or staining.
SD014	MD14	16/05/2022 14:52	0.05	0.3	SAND: light brown, fine grained, 40% organic matter, saturated. No odour or staining.
SD014	MD14	7/11/2022 14:55	0.05	0.1	SILT: brown, low plasticity, with organic material (rootlets and leaves), saturated.
SD014	MD14	9/05/2023 10:02	0.00	0.20	Silty SAND: brown, fine to coarse grained, high organic content (leaves, sticks). Organic odour, no staining.
SD014	MD14	21/11/2023 11:55	0.10	0.20	CLAY: dark brown, medium plasticity, saturated, with significant organic inclusions (rootlets and leaf litter). No odour, no staining.
SD019	TC12	12/11/2021 12:15	0.05	0.1	Sandy SILT: grey, fine grained sand, 10-15% organic material (leaves and twigs), trace shell fragments. No odour or staining.
SD019	TC12	27/05/2022 12:05	0.2	0.3	Sandy SILT: brown, medium grain sand, 10% organic material. No odour or staining.
SD019	TC12	14/11/2022 13:42	0.05	0.1	Gravelly SILT: brown, low plasticity, fine gravels, high organic content (rootlets).
SD019	TC12	17/05/2023 11:48	0.00	0.20	SILT: dark brown, saturated, high organic content (sticks). Organic odour, no staining.
SD019	TC12	28/11/2023 10:23	0.20	0.30	Sandy SILT: black, low plasticity, fine grained, saturated, organic inclusions. No odour, no staining.
SD023	TC6A	17/11/2021 15:51	0.05	0.1	Sandy SILT: brown, fine to medium grained sand, 5% organic material. No odour or staining.
SD023	TC6A	17/05/2022 11:00	0.05	0.1	Sandy CLAY: dark brown, fine grained sand, 10% organic material. No odour or staining.
SD023	TC6A	8/11/2022 10:57	0.05	0.1	SILT: brown, medium plasticity, fine to medium grained sand, trace roots, saturated.
SD023	TC6A	9/05/2023 10:54	0.00	0.30	Sandy SILT: dark brown, low plasticity, saturated, medium grained sand. No odour or staining.
SD023	TC6A	20/11/2023 11:35	0.10	0.20	CLAY: dark brown, medium plasticity, wet. No odour, no staining.
SD024	TC7	17/11/2021 15:20	0.1	0.2	CLAY: brown-black, low to medium plasticity, trace organic material. No odour or staining.
SD024	TC7	16/05/2022 15:27	0.05	0.1	Sandy SILT: light brown, fine to medium grained sand, 20% organic material. No odour or staining.
SD024	TC7	8/11/2022 10:10	0.05	0.1	SILT: brown, high plasticity, with roots, saturated.
SD024	TC7	9/05/2023 11:53	0.00	0.30	Silty CLAY: brown, low plasticity, with organic inclusions (roots). Organic odour, no staining.
SD024	TC7	20/11/2023 10:50	0.10	0.20	CLAY: dark brown, medium to high plasticity, wet, trace fine subangular gravels and organics. No odour, no staining.
SD047	BD03	16/11/2021 13:26	0.1	0.2	Silty SAND: brown, medium grained, 50% organic material (decomposing leave and algae). No odour or staining.
SD047	BD03	19/05/2022 13:33	0.05	0.1	Gravelly SAND: brown, large (20-40mm) semi angular gravel pieces. No odour or staining.
SD047	BD03	10/11/2022 11:59	0.05	0.1	SAND: light brown, medium to coarse grained.
SD047	BD03	10/05/2023 14:07	0.10	0.30	SAND: brown-orange, fine to medium grained, sub-angular to sub-rounded, with organic inclusions (rootlets). No odour or staining.
SD047	BD03	23/11/2023 14:40	0.30	0.30	SAND: orange, fine grained, moist, with rootlets and trace fine gravels. No odour, no staining.
SD048	BD04	16/11/2021 13:06	0.1	0.15	Sandy SILT: brown, medium grained sand, 10% organic material. No odour or staining.
SD048	BD04	19/05/2022 12:55	0.05	0.1	SAND: brown, fine to medium grained, 15% organic material, saturated. No odour or staining .
SD048	BD04	10/11/2022 11:41	0.05	0.1	SAND: grey, saturated, decomposing organic material present.
SD048	BD04	10/05/2023 12:08	0.00	0.30	Silty SAND: grey, fine to medium grained, with organic inclusions (rootlets). No odour or staining.
SD048	BD04	22/11/2023 11:40	0.10	0.30	SAND: dark brown, fine grained, poorly graded, with trace rootlets. No odour, no staining.
SD055	DD1	16/11/2021 12:44	0.05	0.1	Silty SAND: light brown, fine grained sand, 20% organic material. No odour or staining.
SD055	DD1	19/05/2022 11:12	0.05	0.1	Gravelly SAND: brown, fine grained sand, 5-20mm sub angular graves, 10% organic material (rootlets). No odour or staining.
SD055	DD1	10/11/2022 10:41	0.05	0.1	Silty SAND: dark brown, fine to coarse grain, with rootlets, saturated.
SD055	DD1	10/05/2023 10:51	0.00	0.10	Silty SAND: brown, fine to course grained, with organic inclusions (roots). No odour or staining.
SD055	DD1	22/11/2023 14:13	0.10	0.20	SAND: brown, medium grained, poorly graded, saturated, with organic inclusions (rootlets). No odour, no staining.
SD059	DD2	15/11/2021 11:50	0.05	0.1	SAND: brown, 10% organic material. No odour or staining.

Table T4 - Sediment Observations

Location Code	Alternative Name	Sampled Date Time	Sample Depth From (m)	Sample Depth To (m)	Sample Comment
SD059	DD2	17/05/2022 9:50	0.1	0.3	Silty SAND: brown, medium grained, trace gravels (10-30mm). No odour or staining.
SD059	DD2	9/11/2022 9:27	0.05	0.1	SAND: light brown, medium to coarse grained, trace fine gravels, saturated.
SD059	DD2	16/05/2023 13:25	0.00	0.20	SAND: light brown, medium to coarse grained, sub-angular to sub-rounded, with organic inclusions (rootlets), saturated. No odour or staining.
SD059	DD2	23/11/2023 11:36	0.10	0.30	SAND: dark grey, fine grained, trace organic material (leaves). No odour, no staining.
SD060	DD3	15/11/2021 12:30	0.05	0.1	Sandy SILT: dark brown/black, trace organic material. No odour or staining.
SD060	DD3	18/05/2022 14:59	0.2	0.3	Sandy SILT: brown, fine to medium grained. No odour or staining.
SD060	DD3	9/11/2022 12:35	0.05	0.1	Silty SAND: grey, fine to medium grained, with clay, saturated.
SD060	DD3	11/05/2023 11:45	0.00	0.20	SAND: medium to coarse grained, sub-angular to sub-rounded, dark brown, saturated, with organic inclusions (rootlets). No odour or staining.
SD060	DD3	23/11/2023 10:28	0.20	0.30	Silty CLAY: dark brown, high plasticity, saturated, with organic inclusions (rootlets). No odour, no staining.
SD062	DD5	17/11/2021 12:08	0.05	0.1	Sandy CLAY: brown-grey, fine to medium grained sand, low plasticity. No odour or staining.
SD062	DD5	16/05/2022 13:19	0.05	0.1	Silty CLAY: Brown, medium plasticity, saturated, 10% organic matter, organic odour no staining.
SD062	DD5	7/11/2022 14:29	0.05	0.1	Silty SAND: yellow/grey, with gravels up to 20 mm, moist.
SD062	DD5	11/05/2023 10:09	0.00	0.20	Sandy SILT: dark grey, low plasticity, fine to medium grained sand, with fine gravel and organic inclusions (sticks and tree nuts). No odour, no staining.
SD062	DD5	23/11/2023 13:19	0.20	0.30	Silty CLAY: black, high plasticity, saturated, trace fine subangular gravels, with organic inclusions (rootlets). No odour, no staining.
SD072	FFD4	n/a	n/a	n/a	Not sampled. Location not accessed, residential appointment declined.
SD072	FFD4	n/a	n/a	n/a	Not sampled. Location not accessible,unable to secure appointment with property owner.
SD079	TC2	12/11/2021 15:05	0.1	0.15	Sandy SILT: black, fine to medium grained sand, 10-15% organic material. No odour or staining.
SD079	TC2	16/05/2022 11:58	0.1	0.3	sandy CLAY: black-brown, medium plasticity, fine to medium grained sand, 30% organic matter. Strong organic odour no staining
SD079	TC2	7/11/2022 12:50	0.05	0.1	Silty SAND: black/dark brown, low plasticity, fine to medium grain sand, saturated.
SD079	TC2	9/05/2023 11:56	0.00	0.20	SILT: dark brown-black, low plasticity, with trace organic content, saturated. No odour or staining.
SD079	TC2	21/11/2023 13:30	0.10	0.30	Silty SAND: black, fine grained, saturated, trace subrounded gravels. No odour or staining.
SD081	TFD1	17/11/2021 10:42	0.1	0.2	Sandy CLAY: brown, fine grained sand, low plasticity, trace fine gravels, 10% organic material. No odour or staining.
SD081	TFD1	16/05/2022 13:00	0.1	0.3	Sandy CLAY: brown, fine grained sand, high plasticity, 10% organic matter (rootlets). Slight organic odour no staining.
SD081	TFD1	8/11/2022 9:30	0.05	0.1	Silty SAND: black/dark brown, decomposing organic material present, organic odour.
SD081	TFD1	11/05/2023 9:47	0.00	0.20	SILT: black, low plasticity, with trace organic content, saturated. Organic odour, no staining.
SD081	TFD1	23/11/2023 13:03	0.20	0.30	Silty SAND: brown, low plasticity, dry, fine grained sand, with organic inclusions (rootlets). No odour, no staining.
SD082	TFD2	19/11/2021 12:25	0.1	0.15	CLAY: brown, low plasticity. No odour or staining.
SD082	TFD2	n/a	n/a	n/a	Not sampled. Location not accessed, residential appointment declined.
SD108	LC	16/11/2021 14:09	0.1	0.2	Sandy SILT: brown, medium grained sand, 30% organic material. No odour or staining.
SD108	LC	19/05/2022 9:45	0.05	0.1	Sandy SILT: brown, fine to medium grained sand, 35% organic material. Slight organic odour no staining
SD108	LC	10/11/2022 11:39	0.05	0.1	Silty SAND: brown, medium to coarse grain, roots, saturated.
SD108	LC	10/05/2023 13:50	0.00	0.30	Silty SAND: brown, fine to medium grained, sub-angular to sub-rounded, with organic inclusions (vegetation and roots). Organic odour, no staining.
SD108	LC	23/11/2023 14:35	0.20	0.30	SAND: dark brown, fine grained, wet, with organic inclusions (rootlets). No odour, no staining.
SD110	LC_B	16/11/2021 12:25	0.1	0.2	Sandy SILT: brown, medium grained sand, 50% organic material (decomposing leaves and algal growth). No odour or staining.
SD110	LC_B	19/05/2022 9:18	0.05	0.1	SAND: brown, fine to medium grained, 30% organic material. No odour or staining
SD110	LC_B	10/11/2022 11:19	0.05	0.1	Silty SAND: brown, medium to coarse grain, roots, moist.
SD110	LC_B	10/05/2023 11:20	0.00	0.30	Sandy SILT: brown, low plasticity, fine to coarse grained sand, high organic content (roots). No odour or staining.
SD110	LC_B	23/11/2023 14:19	0.20	0.30	SAND: dark brown, fine to medium grained, wet, with organic inclusions (rootlets). No odour, no staining.
SD254	FC1A	26/11/2021 8:45	0	0.1	Silty CLAY: brown with black mottling, high plasticity, 15% organic material (roots). No odour or staining.
SD254	FC1A	27/05/2022 8:35	0.05	0.1	Silty CLAY: brown, 20% organic material (rootlets), <5% shell content, saturated. Organic odour no staining
SD254	FC1A	15/11/2022 8:43	0.05	0.1	CLAY: dark grey-brown, high plasticity, high organic content, with rootlets, wet.
SD254	FC1A	16/05/2023 10:39	0.00	0.20	Sandy CLAY: brown, medium plasticity, fine grained sand, sub-angular to sub-rounded, with organic inclusions (rootlets). Organic odour, black staining.
SD254	FC1A	27/11/2023 15:31	0.10	0.10	Sandy SILT: black, low plasticity, saturated, medium grained sand, with shells. Organic odour, no staining.
SD255	FC1B	26/11/2021 8:50	0.05	0.1	Sandy SILT: dark brown, medium plasticity, 20% organic material (rootlets) and shell fragments. Organic odour, no staining.
SD255	FC1B	27/05/2022 8:30	0.05	0.1	Silty Clay: brown, 15% organic material, 5% shell content, saturated. Organic odour no staining
SD255	FC1B	15/11/2022 8:38	0.05	0.1	CLAY: dark grey, high plasticity, with high organic content, with rootlets, wet.
SD255	FC1B	16/05/2023 10:31	0.00	0.20	Silty CLAY: brown, medium plasticity, with organic inclusions (rootlets). Organic odour, black staining.
SD255	FC1B	27/11/2023 15:35	0.10	0.10	Sandy SILT: black, low plasticity, saturated, coarse grained sand. Organic odour, no staining.
SD259	FCD4	26/11/2021 8:15	0.05	0.1	Silty SAND: brown, fine to medium grained, 10% organic material (roots). No odour or staining.
SD259	FCD4	27/05/2022 8:21	0.2	0.3	Clayey SAND: brown-grey, medium grained sand, high plasticity clay, saturated. No odour or staining
SD259	FCD4	15/11/2022 8:20	0.05	0.1	SAND: grey-brown, medium to coarse grained, with roots, saturated.
SD259	FCD4	16/05/2023 10:00	0.00	0.20	Silty SAND: dark brown, medium to coarse grained, sub-angular to sub-rounded, saturated. No odour or staining.
SD259	FCD4	27/11/2023 15:15	0.10	0.10	SAND: dark brown, coarse grained, well graded, saturated. No odour, no staining.
SD326	FC1C	26/11/2021 8:44	0.05	0.1	Silty SAND: brown, fine to medium grained, 20% organic material (rootlets) and shell fragments. No odour or staining.
SD326	FC1C	27/05/2022 8:25	0.05	0.1	CLAY: grey with black intrusions, 40% organic material, saturated. Organic odour, no staining.
SD326	FC1C	15/11/2022 8:33	0.05	0.1	Clayey SAND, dark brown-grey, coarse grained, high plasticity, with shell fragments, wet.
SD326	FC1C	16/05/2023 10:20	0.00	0.20	Sandy SILT: brown, low plasticity, fine grained sand, with organic inclusions (rootlets) and shell inclusions. Organic odour, black staining.
SD326	FC1C	27/11/2023 15:29	0.10	0.10	Sandy SILT: black, low plasticity, saturated, medium grained sand, shell inclusions. Organic odour, no staining.
SD600		25/11/2022 11:30	0.05	0.1	Sandy SILT: black/brown, fine grain sand, rootlets present, saturated, organic odour.
SD600		15/05/2023 13:12	0.00	0.20	Sandy SILT: black-grey, fine to medium grained sand, sub-angular to sub-rounded, with organic inclusions (sticks and vegetation). Organic odour, no staining.
SD600		27/11/2023 10:15	0.1	0.2	Silty CLAY: black, low plasticity, saturated, organic inclusions (roots and grass). No odour, no staining.
SS101	SS001, SS01	17/11/2021 14:30	0.05	0.1	Sandy SILT: brown-black, fine grained sand, 15% organic material (grass roots). No odour or staining.
SS101	SS001, SS01	16/05/2022 14:54	0.01	0.1	Silty SAND: brown, fine to medium grained, moist. No odour no staining.
SS101	SS001, SS01	7/11/2022 14:41	0.01	0.1	Sandy SILT: dark brown, medium plasticity, medium grained sand, with roots, moist.
SS101	SS001, SS01	9/05/2023 9:50	0.00	0.20	Silty SAND: brown, fine to medium grained, medium plasticity, with organic inclusions (roots and grass). No odour or staining.
SS102	SS002, SS02	17/11/2021 14:03	0.05	0.1	Sandy SILT: brown-black, medium grained sand, 10% organic material (roots). No odour or staining.
SS102	SS002, SS02	16/05/2022 14:24	0.05	0.1	Sandy SILT: brown, fine grained sand, moist. 5% organic material (rootlets). No odour or staining.

Table T4 - Sediment Observations

Location Code	Alternative Name	Sampled Date Time	Sample Depth From (m)	Sample Depth To (m)	Sample Comment
SS102	SS002, SS02	7/11/2022 12:18	0.01	0.1	Sandy CLAY: brown, high plasticity, fine sand, moist.
SS102	SS002, SS02	9/05/2023 8:53	0.00	0.20	Sandy SILT: brown-yellow, high plasticity, fine grained, with organic inclusions (roots and grass). No odour or staining.
SS103	SS003, SS03	19/11/2021 8:57	0	0.1	Sandy SILT: brown-black, medium grained sand, 10% organic material (roots). No odour or staining.
SS103	SS003, SS03	16/05/2022 14:11	0.01	0.1	Sandy SILT: brown, some sub angular gravels (5-30mm), saturated. No odour or staining.
SS103	SS003, SS03	7/11/2022 12:04	0.01	0.1	CLAY: brown, high plasticity, trace fine to medium sand, with roots, moist.
SS103	SS003, SS03	9/05/2023 14:42	0.20	0.20	Sandy SILT: dark brown, low plasticity, fine to medium grained sand, with fine gravel and trace organic matter. Organic odour, no staining.
SS104	SS004, SS04	19/11/2021 8:18	0.05	0.15	Sandy CLAY: brown, fine grained sand, low plasticity, 10-15% organic material (roots). No odour or staining.
SS104	SS004, SS04	16/05/2022 13:55	0.01	0.1	Silty SAND: brown, fine to medium grained, semi-angular gravels (5-10mm), moist. No odour or staining.
SS104	SS004, SS04	10/11/2022 14:44	0.01	0.1	Silty SAND: dark brown, fine to coarse grain, trace gravels and roots, dry.
SS104	SS004, SS04	9/05/2023 14:58	0.20	0.20	Sandy SILT: dark brown, low plasticity, fine grained sand, sub-angular to sub-rounded, with organic inclusions (rootlets). Organic odour, no staining.
SS105	SS005, SS05	17/11/2021 13:02	0	0.1	Silty SAND: light brown, fine to medium grained sand, 15% organic material. No odour or staining.
SS105	SS005, SS05	16/05/2022 13:45	0.01	0.1	Silty SAND: brown, 20% organic material (rootlets), moist. No odour or staining
SS105	SS005, SS05	10/11/2022 14:27	0.01	0.1	Silty SAND: dark brown, fine to coarse, roots and trace gravel, moist.
SS105	SS005, SS05	9/05/2023 15:20	0.10	0.10	Sandy SILT: dark brown, low plasticity, fine grained sand, sub-angular to sub-rounded, with organic inclusions (rootlets). Organic odour, no staining.
SS106	SS006, SS06	15/11/2021 16:38	0	0.1	Sandy CLAY: dark brown, fine grained sand, 20% organic material. No odour or staining.
SS106	SS006, SS06	16/05/2022 15:45	0.05	0.1	Sandy CLAY: brown, fine grained sand, 20% organic material. No odour or staining.
SS106	SS006, SS06	7/11/2022 14:10	0.01	0.1	Silty SAND: black, friable, fine to medium sand, no odour.
SS106	SS006, SS06	9/05/2023 7:57	0.00	0.20	Sandy SILT: dark brown, low plasticity, fine grained, sand, sub-angular to sub-rounded, wet, with trace rootlets. No odour, no staining.
SS107	SS007, SS07	15/11/2021 12:45	0	0.1	Sandy SILT: brown, <10% organic material. No odour or staining.
SS107	SS007, SS07	18/05/2022 14:27	0.03	0.1	Silty SAND: brown fine to medium grained, <5% organic content (rootlets), moist. No odour or staining.
SS107	SS007, SS07	10/11/2022 14:14	0.01	0.1	SAND: dark brown, fine to coarse grained, with trace silt and roots, moist
SS107	SS007, SS07	11/05/2023 10:27	0.10	0.20	Sandy SILT: dark brown, low plasticity, medium to course grained, sub-angular to sub-rounded, with organic inclusions (rootlets). No odour, no staining.
SS108	SS008, SS08	15/11/2021 11:57	0	0.1	Sandy SILT: brown, 10% organic material. No odour or staining.
SS108	SS008, SS08	17/05/2022 9:45	0.01	0.1	SAND: brown, fine to medium grained, 15% organic content (rootlets). No odour or staining.
SS108	SS008, SS08	9/11/2022 9:47	0.01	0.1	Silty SAND: brown, fine to coarse grained, with roots, moist.
SS108	SS008, SS08	16/05/2023 13:35	0.00	0.15	Silty SAND: brown, medium to coarse grained, sub-angular to sub-rounded, with organic inclusions (rootlets), dry. No odour or staining.
SS109	SS009, SS09	15/11/2021 12:12	0	0.1	Sandy SILT: brown, medium grained sand, 20% organic material. No odour or staining.
SS109	SS009, SS09	27/05/2022 10:10	0.02	0.1	Gravelly SAND: brown, rounded graves (10-30 mm), 20% organic material (rootlets), saturated. No odour or staining.
SS109	SS009, SS09	9/11/2022 10:52	0.01	0.1	Silty SAND: brown, medium to coarse sand, trace rootlets, moist.
SS109	SS009, SS09	11/05/2023 11:59	0.10	0.20	Sandy Silt: brown, low plasticity, fine to medium grained, sub-angular to sub-rounded, organic inclusions (rootlets and grass). No odour or staining.
SS110	SS010, SS10	17/11/2021 12:15	0.05	0.1	Sandy SILT: brown, fine grained sand, low plasticity, 10% organic material (roots). No odour or staining.
SS110	SS010, SS10	16/05/2022 13:15	0.05	0.1	Sandy SILT: brown, 40% organic material, moist. No odour or staining
SS110	SS010, SS10	7/11/2022 14:35	0.01	0.1	Silty SAND: brown, rootlets, dry.
SS110	SS010, SS10	11/05/2023 10:03	0.20	0.20	Sandy SILT: dark brown, fine to medium grained, sub-angular to sub-rounded, with organic inclusions (rootlets), wet. Organic odour, no staining.
SS111	SS011, SS11	17/11/2021 11:04	0	0.1	Gravelly CLAY: brown, fine to medium gravels, low plasticity, >10% organic material. No odour or staining.
SS111	SS011, SS11	16/05/2022 12:39	0	0.1	Sandy CLAY: brown, high plasticity, fine to medium gained, 10% organic matter, moist. No odour or staining.
SS111	SS011, SS11	15/11/2022 10:04	0.01	0.1	Sandy CLAY: dark brown, high plasticity, coarse grained sand, trace fine gravels and rootlets.
SS111	SS011, SS11	11/05/2023 9:20	0.00	0.20	Silty SAND: brown, medium to coarse grained, sub-angular to sub-rounded, damp, low plasticity. Organic odour, no staining.
SS112	SS012, SS12	17/11/2021 10:47	0.05	0.1	CLAY: brown with orange mottling, low plasticity, 10% organic material (grass roots). No odour or staining.
SS112	SS012, SS12	16/05/2022 13:01	0.05	0.1	SAND: brown, mine to medium grained. No odour or staining.
SS112	SS012, SS12	8/11/2022 9:34	0.01	0.1	SAND: brown, rootlets present, trace rounded to subrounded gravel pieces up to 20 mm.
SS112	SS012, SS12	11/05/2023 9:53	0.00	0.20	Gravelly SAND: brown, medium to coarse grained, fine to medium gravel, sub-angular to sub-rounded sand, angular gravel, with organic inclusions (rootlets). No odour or staining.

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids									PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW103D	13 Apr 2015	MW103-D_20150413	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.01	<0.01	0.57	**0.57**	0.58	0.02	-	-	<0.01	-	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW103D	13 Apr 2015	QC100_HW_20150413	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.01	<0.01	0.63	**0.63**	0.64	0.02	-	-	<0.01	-	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW103D	07 Mar 2016	MW103D_07032016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW103D	03 Feb 2017	MW103D_GW_030217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.03	*0.03*	0.45	**0.48**	0.51	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	01 May 2018	MW103D_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.02	<0.01	0.32	**0.32**	0.44	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	01 May 2018	MW103D_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	-	-	-	**0.33**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW103D	01 May 2018	QC106_GW_01052018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.02	*0.01*	0.34	**0.35**	0.48	0.02	0.04	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	01 May 2018	QC206_GW_01052018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.02	<0.01	0.33	**0.33**	0.48	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	01 May 2018	QC206_GW_01052018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	-	-	-	**0.34**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW103D	27 Nov 2018	0908_MW103D_181127	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.05	*0.03*	0.47	**0.5**	0.74	0.1	0.02	0.04	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	31 May 2019	0908_MW103D_190531	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.01	*0.02*	0.28	**0.3**	0.38	<0.02	0.02	0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	18 Jun 2019	0908_MW103D_190618	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	0.04	*0.02*	0.49	**0.51**	0.63	<0.02	<0.02	0.05	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	25 Sep 2019	0908_MW103D_190925	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	0.008	<0.0003	0.299	**0.299**	0.398	0.0216	0.0209	0.0164	<0.0005	<0.002	0.0027	0.0254	0.0038	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW103D	03 Dec 2019	0908_MW103D_191203	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.03	<0.01	0.41	**0.41**	0.5	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	17 Mar 2020	0908_MW103D_200317	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	0.04	*0.07*	0.4	**0.47**	0.62	<0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW103D	29 May 2020	0908_MW103D_200529	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	0.03	<0.01	0.25	**0.25**	0.37	<0.02	<0.02	0.09	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	26 Nov 2020	0908_MW103_D_201126	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	0.02	*0.14*	0.16	**0.3**	0.41	<0.02	<0.02	0.09	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	13 Apr 2015	MW103-S_20150413	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<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	0.05	<0.01	-
MW103S	07 Mar 2016	MW103S_07032016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW103S	07 Mar 2016	QC147_07032016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW103S	03 Feb 2017	MW103S_GW_030217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	*0.05*	<0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	01 May 2018	MW103S_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.07	0.07	0.09	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	01 May 2018	MW103S_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	-	-	-	**0.08**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW103S	27 Nov 2018	0908_MW103S_181127	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.04	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	27 Nov 2018	0908_MW103S_181127	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW103S	29 Mar 2019	0908_MW103S_190329	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	31 May 2019	0908_MW103S_190531	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.05	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	31 May 2019	0908_MW103S_190531	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW103S	18 Jun 2019	0908_MW103S_190618	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.05	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	25 Sep 2019	0908_MW103S_190925	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	0.0008	<0.0003	0.0587	0.0587	0.076	0.005	0.0035	<0.0005	<0.0005	<0.002	<0.0005	0.0073	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW103S	03 Dec 2019	0908_MW103S_191203	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.06	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	17 Mar 2020	0908_MW103S_200317	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.05	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	17 Mar 2020	0908_QC102_200317	Field_D	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.05	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	29 May 2020	0908_MW103S_200529	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.05	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	26 Nov 2020	0908_MW103_S_201126	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B	<0.01	<0.01	0.07	0.07	0.07	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104D	11 Nov 2014	MW104_D_11112014	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	**2.6**	*70*	20	**90**	92.6	2.3	-	-	<0.01	-	1.2	5.6	0.94	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW104D	15 Feb 2017	MW104D_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	**4.75**	*103*	33.8	**136.8**	167	4.5	4.13	3.78	<0.02	1.3	1.37	9.02	1.51	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104D	15 Feb 2017	MW104D_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**137**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW104D	21 Jun 2019	0908_MW104D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	**2.3**	*101*	17.6	**118.6**	134	1.62	1.93	3.44	<0.02	0.5	0.67	4.7	0.79	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104D	21 Jun 2019	0908_MW104D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**119**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW104D	27 May 2020	0908_MW104D_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	**1.44**	*58.8*	13.7	**72.5**	84.2	1.21	1.72	2.1	0.06	0.4	0.53	3.72	0.53	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104D	13 May 2021	0908_MW104D_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	**0.84**	*31.2*	7.97	**39.2**	46	0.68	0.99	1.21	<0.02	0.1	0.38	2.32	0.36	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104D	17 May 2022	0908_MW104D_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	**0.88**	*44.3*	8	**52.3**	59.6	0.6	0.97	1.1	0.04	0.3	0.47	2.48	0.45	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104D	17 May 2023	0908_MW104D_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.56	*37.3*	4.96	**42.3**	46.3	0.28	0.43	0.88	0.03	0.2	0.24	1.22	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104S	11 Nov 2014	MW104_S_11112014	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.02	*0.51*	0.6	**1.11**	1.13	0.07	-	-	<0.01	-	<0.01	0.1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW104S	11 Nov 2014	QC106_GW_11112014	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.06	*0.94*	1.3	**2.24**	2.3	0.11	-	-	<0.01	-	<0.01	0.22	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW104S	15 Feb 2017	MW104S_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.47	*6.66*	5.26	**11.9**	15.2	0.62	0.57	0.45	<0.02	<0.1	0.15	0.88	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104S	15 Feb 2017	MW104S_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**11.92**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW104S	21 Jun 2019	0908_MW104S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.32	*19.6*	2.71	**22.3**	24.6	0.21	0.29	0.35	<0.02	<0.1	0.17	0.87	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104S	21 Jun 2019	0908_MW104S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**22.31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW104S	27 May 2020	0908_MW104S_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.35	*25.6*	3.51	**29.1**	32	0.24	0.35	0.44	<0.02	0.1	0.2	1.05	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104S	13 May 2021	0908_MW104S_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.19	*6.43*	2.14	**8.57**	10	0.18	0.24	0.2	<0.02	<0.1	0.09	0.47	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104S	17 May 2022	0908_MW104S_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.07	*4.76*	0.85	**5.61**	6.09	0.06	0.09	0.07	<0.02	<0.1	0.02	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW104S	17 May 2023	0908_MW104S_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.04	*2.25*	0.92	**3.17**	3.6	0.06	0.09	0.04	<0.02	<0.1	0.04	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW106D	10 Nov 2014	MW106D_10112014	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.14*	2.1	**2.24**	2.24	0.18	-	-	<0.01	-	<0.01	0.49	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW106D	19 Jan 2016	MW106D_19012016	Normal	NSW_0908_PFAS	On Base	-	**0.66**	<0.01	3.89	**3.89**	4.55	0.21	-	-	<0.02	-	-	0.48	0.07	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW106D	25 Aug 2016	MW106D_250816	Normal	NSW_0908_PFAS	On Base	-	0.14	*0.77*	1.2	**1.97**	2.11	0.03	-	-	<0.01	<0.05	0.01	0.18	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-

Table T5 - Historical Groundwater Analytical Results

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW103D	13 Apr 2015	MW103-D_20150413	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.05	<0.05	-	-	<0.05	-	-
MW103D	13 Apr 2015	QC100_HW_20150413	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.05	<0.05	-	-	<0.05	-	-
MW103D	07 Mar 2016	MW103D_07032016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103D	03 Feb 2017	MW103D_GW_030217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW103D	01 May 2018	MW103D_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	01 May 2018	MW103D_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103D	01 May 2018	QC106_GW_01052018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	01 May 2018	QC206_GW_01052018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	01 May 2018	QC206_GW_01052018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103D	27 Nov 2018	0908_MW103D_181127	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	31 May 2019	0908_MW103D_190531	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	18 Jun 2019	0908_MW103D_190618	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	25 Sep 2019	0908_MW103D_190925	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW103D	03 Dec 2019	0908_MW103D_191203	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	17 Mar 2020	0908_MW103D_200317	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	29 May 2020	0908_MW103D_200529	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103D	26 Nov 2020	0908_MW103_D_201126	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	13 Apr 2015	MW103-S_20150413	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.05	<0.05	-	-	<0.05	-	-
MW103S	07 Mar 2016	MW103S_07032016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103S	07 Mar 2016	QC147_07032016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103S	03 Feb 2017	MW103S_GW_030217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW103S	01 May 2018	MW103S_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	01 May 2018	MW103S_GW_01052018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103S	27 Nov 2018	0908_MW103S_181127	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	27 Nov 2018	0908_MW103S_181127	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103S	29 Mar 2019	0908_MW103S_190329	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	31 May 2019	0908_MW103S_190531	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	31 May 2019	0908_MW103S_190531	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW103S	18 Jun 2019	0908_MW103S_190618	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	25 Sep 2019	0908_MW103S_190925	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW103S	03 Dec 2019	0908_MW103S_191203	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	17 Mar 2020	0908_MW103S_200317	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	17 Mar 2020	0908_QC102_200317	Field_D	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	29 May 2020	0908_MW103S_200529	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW103S	26 Nov 2020	0908_MW103_S_201126	Normal	NSW_0908_PFASMGMT	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104D	11 Nov 2014	MW104_D_11112014	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.05	<0.05	-	-	<0.05	-	-
MW104D	15 Feb 2017	MW104D_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104D	15 Feb 2017	MW104D_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		-	-	-	-	-	-	-
MW104D	21 Jun 2019	0908_MW104D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104D	21 Jun 2019	0908_MW104D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		-	-	-	-	-	-	-
MW104D	27 May 2020	0908_MW104D_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104D	13 May 2021	0908_MW104D_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104D	17 May 2022	0908_MW104D_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104D	17 May 2023	0908_MW104D_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104S	11 Nov 2014	MW104_S_11112014	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.05	<0.05	-	-	<0.05	-	-
MW104S	11 Nov 2014	QC106_GW_11112014	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.05	<0.05	-	-	<0.05	-	-
MW104S	15 Feb 2017	MW104S_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104S	15 Feb 2017	MW104S_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		-	-	-	-	-	-	-
MW104S	21 Jun 2019	0908_MW104S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104S	21 Jun 2019	0908_MW104S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		-	-	-	-	-	-	-
MW104S	27 May 2020	0908_MW104S_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104S	13 May 2021	0908_MW104S_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104S	17 May 2022	0908_MW104S_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW104S	17 May 2023	0908_MW104S_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	10 Nov 2014	MW106D_10112014	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW106D	19 Jan 2016	MW106D_19012016	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW106D	25 Aug 2016	MW106D_250816	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW106D	17 Oct 2016	MW106D_171016	Normal	NSW_0908_PFAS	On Base	-	0.1	*0.36*	0.84	**1.2**	1.3	0.04	-	-	<0.01	<0.05	0.02	0.14	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW106D	19 Jan 2017	MW106D_1901117	Normal	NSW_0908_PFAS	On Base	-	0.13	*0.82*	0.75	**1.57**	1.7	0.03	-	-	<0.01	<0.05	0.01	0.14	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW106D	19 Jan 2017	MW106D_190117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW106D	20 Jan 2017	MW106D_GW_170120	Normal	NSW_0908_PFAS	On Base	-	0.16	*0.7*	1.8	**2.5**	3.19	0.05	0.05	0.3	<0.02	<0.1	0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	09 May 2017	MW106D_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.22	*0.65*	1.1	**1.75**	1.97	0.04	0.04	0.37	<0.01	<0.05	0.02	0.13	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW106D	03 Apr 2018	MW106D_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.1*	0.41	**0.51**	0.58	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	21 Nov 2018	0908_MW106D_181121	Normal	NSW_0908_PFAS	On Base	-	0.05	*1.3*	0.74	**2.04**	2.54	0.05	0.04	0.26	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	28 May 2019	0908_MW106D_190528	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.24*	0.34	**0.58**	0.63	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	04 Nov 2019	0908_MW106D_191104	Normal	NSW_0908_PFASOMP	On Base	-	0.08	*2.22*	1.35	**3.57**	4.28	0.04	0.03	0.45	<0.02	<0.1	<0.02	0.09	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	19 May 2020	0908_MW106D_200519	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.49*	0.31	**0.8**	0.93	<0.02	<0.02	0.08	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	17 Nov 2020	0908_MW106_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.05	*1.93*	0.42	**2.35**	2.8	<0.02	<0.02	0.36	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	14 May 2021	0908_MW106D_210514	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*1.23*	0.77	**2**	2.6	0.11	0.08	0.09	<0.02	<0.1	0.04	0.23	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	08 Nov 2021	0908_MW106D_211108	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.22*	0.3	**0.52**	0.6	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	24 May 2022	0908_MW106D_220524	Normal	NSW_0908_PFASOMP	On Base	-	0.14	*1.64*	2.57	**4.21**	5.62	0.23	0.24	0.2	<0.02	<0.1	0.07	0.46	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	08 Nov 2022	0908_MW106D_221108	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*0.48*	0.78	**1.26**	1.52	0.05	0.05	0.03	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	08 May 2023	0908_MW106D_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	0.08	*1.21*	1.52	**2.73**	3.54	0.14	0.12	0.1	<0.02	<0.1	0.06	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106D	23 Nov 2023	0908_MW106D_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	0.03	*0.39*	0.62	**1.01**	1.23	0.04	0.04	0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	10 Nov 2014	MW106S_10112014	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.08*	0.27	**0.35**	0.35	<0.01	-	-	<0.01	-	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW106S	19 Jan 2016	MW106S_19012016	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.06*	0.27	**0.33**	0.35	<0.02	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW106S	25 Aug 2016	MW106S_250816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	0.08	**0.12**	0.12	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW106S	17 Oct 2016	MW106S_171016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.08*	0.17	**0.25**	0.25	0.01	-	-	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW106S	19 Jan 2017	MW106S_1901117	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	0.13	**0.17**	0.17	<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	-
MW106S	19 Jan 2017	MW106S_190117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW106S	19 Jan 2017	QC115_190117	Field_D	ACTNSW_Hist_202012-3	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW106S	20 Jan 2017	MW106S_GW_170120	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	0.67	**0.71**	0.71	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	09 May 2017	MW106S_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*0.07*	0.3	**0.37**	0.39	0.01	0.02	<0.01	<0.01	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW106S	03 Apr 2018	MW106S_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	0.2	**0.24**	0.26	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	21 Nov 2018	0908_MW106S_181121	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	0.14	**0.18**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	28 May 2019	0908_MW106S_190528	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.08*	0.06	**0.14**	0.14	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	04 Nov 2019	0908_MW106S_191104	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	0.08	**0.12**	0.12	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	12 May 2020	0908_MW106S_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	0.08	**0.12**	0.12	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	17 Nov 2020	0908_MW106_S_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.01*	0.02	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	14 May 2021	0908_MW106S_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.03*	0.16	**0.19**	0.21	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	08 Nov 2021	0908_MW106S_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	0.15	**0.19**	0.19	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	24 May 2022	0908_MW106S_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	0.17	**0.21**	0.24	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	08 Nov 2022	0908_MW106S_221108	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.03*	0.25	**0.28**	0.35	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	08 May 2023	0908_MW106S_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	0.02	*0.08*	0.23	**0.31**	0.33	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW106S	23 Nov 2023	0908_MW106S_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	0.01	*0.08*	0.11	**0.19**	0.2	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	13 Apr 2015	MW107-D_20150413	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<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	<0.05	<0.01	-
MW107D	10 Mar 2016	MW107D_10032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW107D	01 Feb 2017	MW107D_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	01 Feb 2017	QC820_GW_01022017	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	-	-	<0.02	<0.05	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-
MW107D	01 May 2018	MW107D_GW_01052018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	07 Aug 2018	0908_MW107D_180807	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	07 Sep 2018	0908_MW107D_180907	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	05 Oct 2018	0908_MW107D_181005	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	27 Nov 2018	0908_MW107D_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	23 Jan 2019	0908_MW107D_190123	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	23 Jan 2019	0908_QC101_190123	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	23 Jan 2019	0908_QC201_190123	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW107D	29 Mar 2019	0908_MW107D_190329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	31 May 2019	0908_MW107D_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	18 Jun 2019	0908_MW107D_190618	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005
MW107D	25 Sep 2019	0908_MW107D_190925	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.0003	<0.0005	<0.0003	0.028	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.028	<0.001	<0.001
MW107D	19 Nov 2019	0908_MW107D_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	19 Nov 2019	0908_QC107_191119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW107D	19 Nov 2019	0908_QC207_191119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW106D	17 Oct 2016	MW106D_171016	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW106D	19 Jan 2017	MW106D_1901117	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW106D	19 Jan 2017	MW106D_190117	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW106D	20 Jan 2017	MW106D_GW_170120	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	09 May 2017	MW106D_090517	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	<0.2	<0.05	<0.05	<0.2	<0.05	<0.05
MW106D	03 Apr 2018	MW106D_GW_03042018	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	21 Nov 2018	0908_MW106D_181121	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	28 May 2019	0908_MW106D_190528	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	04 Nov 2019	0908_MW106D_191104	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	19 May 2020	0908_MW106D_200519	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	17 Nov 2020	0908_MW106_D_201117	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	14 May 2021	0908_MW106D_210514	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	08 Nov 2021	0908_MW106D_211108	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	24 May 2022	0908_MW106D_220524	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	08 Nov 2022	0908_MW106D_221108	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	08 May 2023	0908_MW106D_230508	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106D	23 Nov 2023	0908_MW106D_231123	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	10 Nov 2014	MW106S_10112014	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW106S	19 Jan 2016	MW106S_19012016	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW106S	25 Aug 2016	MW106S_250816	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW106S	17 Oct 2016	MW106S_171016	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW106S	19 Jan 2017	MW106S_1901117	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW106S	19 Jan 2017	MW106S_190117	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW106S	19 Jan 2017	QC115_190117	Field_D	ACTNSW_Hist_202012-3	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW106S	20 Jan 2017	MW106S_GW_170120	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	09 May 2017	MW106S_090517	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	<0.2	<0.05	<0.05	<0.2	<0.05	<0.05
MW106S	03 Apr 2018	MW106S_GW_03042018	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	21 Nov 2018	0908_MW106S_181121	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	28 May 2019	0908_MW106S_190528	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	04 Nov 2019	0908_MW106S_191104	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	12 May 2020	0908_MW106S_200512	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	17 Nov 2020	0908_MW106_S_201117	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	14 May 2021	0908_MW106S_210514	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	08 Nov 2021	0908_MW106S_211108	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	24 May 2022	0908_MW106S_220524	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	08 Nov 2022	0908_MW106S_221108	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	08 May 2023	0908_MW106S_230508	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW106S	23 Nov 2023	0908_MW106S_231123	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	13 Apr 2015	MW107-D_20150413	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.05	<0.05	-	-	<0.05	-	-
MW107D	10 Mar 2016	MW107D_10032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW107D	01 Feb 2017	MW107D_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	01 Feb 2017	QC820_GW_01022017	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	-	-	-	-	-	-
MW107D	01 May 2018	MW107D_GW_01052018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	07 Aug 2018	0908_MW107D_180807	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	07 Sep 2018	0908_MW107D_180907	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	05 Oct 2018	0908_MW107D_181005	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	27 Nov 2018	0908_MW107D_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	23 Jan 2019	0908_MW107D_190123	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	23 Jan 2019	0908_QC101_190123	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	23 Jan 2019	0908_QC201_190123	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW107D	29 Mar 2019	0908_MW107D_190329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	31 May 2019	0908_MW107D_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	18 Jun 2019	0908_MW107D_190618	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107D	25 Sep 2019	0908_MW107D_190925	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107D	19 Nov 2019	0908_MW107D_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	19 Nov 2019	0908_QC107_191119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	19 Nov 2019	0908_QC207_191119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW107D	02 Dec 2019	0908_MW107D_191202	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0005	*0.0042*	<0.0005	0.0042	0.0562	<0.0005	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.052	<0.001	<0.001
MW107D	12 Mar 2020	0908_MW107D_200312	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0053*	<0.0005	0.0053	0.0132	<0.0005	<0.0005	<0.0005	<0.0005	0.006	<0.0005	0.0019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107D	19 May 2020	0908_MW107D_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107D	23 Jun 2020	0908_MW107D_200623	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	*0.002*	<0.002	0.002	0.031	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.029	<0.005	<0.005
MW107D	29 Sep 2020	0908_MW107D_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107D	29 Sep 2020	0908_MW107D_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	<0.002	<0.002	0.013	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.013	<0.005	<0.005
MW107D	19 Nov 2020	0908_MW107_D_201119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107D	11 Jan 2021	0908_MW107_D_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0012*	<0.0005	0.0012	0.0012	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107D	20 Sep 2021	0908_MW107D_210920	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	<0.002	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW107D	17 Nov 2021	0908_MW107D_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107D	17 Nov 2021	0908_QC111_211117	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107D	13 Jan 2022	0908_MW107D_220113	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.0003	<0.0005	<0.0003	0.0036	0.0012	0.0006	<0.0005	<0.0005	<0.002	<0.0005	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107D	11 Nov 2022	0908_MW107D_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107D	12 May 2023	0908_MW107D_230512	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107D	23 Nov 2023	0908_MW107D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	13 Apr 2015	MW107-S_20150413	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<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	<0.05	<0.01	-
MW107S	10 Mar 2016	MW107S_10032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW107S	10 Mar 2016	QC150_10032016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW107S	01 Feb 2017	MW107S_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	01 Feb 2017	QC721_GW_01022017	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	01 May 2018	MW107S_GW_01052018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	07 Aug 2018	0908_MW107S_180807	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	07 Sep 2018	0908_MW107S_180907	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	05 Oct 2018	0908_MW107S_181005	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	27 Nov 2018	0908_MW107S_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	23 Jan 2019	0908_MW107S_190123	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	29 Mar 2019	0908_MW107S_190329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	29 Mar 2019	0908_QC100_190329	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	29 Mar 2019	0908_QC200_190329	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW107S	22 May 2019	0908_QC200_190522	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	0.12	*8.8*	1.4	**10.2**	10.32	0.078	0.094	0.09	<0.01	0.089	0.13	0.47	0.049	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.026	<0.01	<0.01
MW107S	31 May 2019	0908_MW107S_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	18 Jun 2019	0908_MW107S_190618	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW107S	18 Jun 2019	0908_QC100_190618	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	25 Sep 2019	0908_MW107S_190925	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.0003	<0.0005	<0.0003	0.0022	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	0.0005	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107S	19 Nov 2019	0908_MW107S_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	02 Dec 2019	0908_MW107S_191202	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0005	*0.001*	<0.0005	0.001	0.0021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107S	12 Mar 2020	0908_MW107S_200312	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0029*	<0.0005	0.0029	0.0046	0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107S	19 May 2020	0908_MW107S_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	23 Jun 2020	0908_MW107S_200623	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW107S	29 Sep 2020	0908_MW107S_2009329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	29 Sep 2020	0908_MW107S_2009329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW107S	19 Nov 2020	0908_MW107_S_201119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	11 Jan 2021	0908_MW107_S_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0004*	<0.0005	0.0004	0.0004	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107S	11 Jan 2021	0908_QC100_210111	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0003*	<0.0005	0.0003	0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107S	11 Jan 2021	0908_QC200_210111	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
MW107S	20 Sep 2021	0908_MW107S_210920	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	0.002	0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW107S	17 Nov 2021	0908_MW107S_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	13 Jan 2022	0908_MW107S_220113	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0008*	0.0016	0.0024	0.0178	0.0011	0.0005	<0.0005	<0.0005	0.008	0.0028	0.003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW107S	11 Nov 2022	0908_MW107S_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	12 May 2023	0908_MW107S_230512	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW107S	23 Nov 2023	0908_MW107S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	17 Nov 2014	MW108-D_17112014	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.11	**0.11**	0.11	<0.01	-	-	<0.01	-	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW108D	21 Jan 2016	MW108D_21012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW108D	29 Aug 2016	MW108D_290816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.01*	0.03	0.04	0.04	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW108D	17 Oct 2016	MW108D_171016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW108D	13 Jan 2017	MW108D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.04*	0.43	**0.47**	0.47	<0.01	-	-	<0.01	<0.05	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW108D	24 Jan 2017	MW108D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	1.14	**1.14**	1.29	0.02	0.05	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW107D	02 Dec 2019	0908_MW107D_191202	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107D	12 Mar 2020	0908_MW107D_200312	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107D	19 May 2020	0908_MW107D_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	23 Jun 2020	0908_MW107D_200623	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107D	29 Sep 2020	0908_MW107D_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	29 Sep 2020	0908_MW107D_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107D	19 Nov 2020	0908_MW107_D_201119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	11 Jan 2021	0908_MW107_D_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107D	20 Sep 2021	0908_MW107D_210920	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107D	17 Nov 2021	0908_MW107D_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	17 Nov 2021	0908_QC111_211117	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	13 Jan 2022	0908_MW107D_220113	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107D	11 Nov 2022	0908_MW107D_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	12 May 2023	0908_MW107D_230512	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107D	23 Nov 2023	0908_MW107D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	13 Apr 2015	MW107-S_20150413	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	-	-	<0.05	-	-
MW107S	10 Mar 2016	MW107S_10032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW107S	10 Mar 2016	QC150_10032016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW107S	01 Feb 2017	MW107S_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	01 Feb 2017	QC721_GW_01022017	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	01 May 2018	MW107S_GW_01052018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	07 Aug 2018	0908_MW107S_180807	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	07 Sep 2018	0908_MW107S_180907	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	05 Oct 2018	0908_MW107S_181005	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	27 Nov 2018	0908_MW107S_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	23 Jan 2019	0908_MW107S_190123	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	29 Mar 2019	0908_MW107S_190329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	29 Mar 2019	0908_QC100_190329	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	29 Mar 2019	0908_QC200_190329	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW107S	22 May 2019	0908_QC200_190522	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW107S	31 May 2019	0908_MW107S_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	18 Jun 2019	0908_MW107S_190618	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107S	18 Jun 2019	0908_QC100_190618	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	25 Sep 2019	0908_MW107S_190925	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107S	19 Nov 2019	0908_MW107S_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	02 Dec 2019	0908_MW107S_191202	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107S	12 Mar 2020	0908_MW107S_200312	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107S	19 May 2020	0908_MW107S_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	23 Jun 2020	0908_MW107S_200623	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107S	29 Sep 2020	0908_MW107S_2009329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	29 Sep 2020	0908_MW107S_2009329	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107S	19 Nov 2020	0908_MW107_S_201119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	11 Jan 2021	0908_MW107_S_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107S	11 Jan 2021	0908_QC100_210111	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107S	11 Jan 2021	0908_QC200_210111	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
MW107S	20 Sep 2021	0908_MW107S_210920	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW107S	17 Nov 2021	0908_MW107S_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	13 Jan 2022	0908_MW107S_220113	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW107S	11 Nov 2022	0908_MW107S_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	12 May 2023	0908_MW107S_230512	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW107S	23 Nov 2023	0908_MW107S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	17 Nov 2014	MW108-D_17112014	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW108D	21 Jan 2016	MW108D_21012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW108D	29 Aug 2016	MW108D_290816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW108D	17 Oct 2016	MW108D_171016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW108D	13 Jan 2017	MW108D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW108D	24 Jan 2017	MW108D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW108D	07 Mar 2017	MW108D_070317	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.56	**0.56**	0.63	<0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	02 May 2017	MW108D_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.01*	0.55	**0.56**	0.56	<0.01	0.02	<0.01	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW108D	04 Apr 2018	MW108D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.4	**0.4**	0.58	0.02	0.02	<0.02	<0.02	0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	04 Apr 2018	MW108D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.41**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW108D	29 Nov 2018	0908_MW108D_181129	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.37	**0.37**	0.46	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	29 Nov 2018	0908_MW108D_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.38**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW108D	31 May 2019	0908_MW108D_190531	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.38	**0.38**	0.54	0.05	0.04	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	31 May 2019	0908_MW108D_190531	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.39**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW108D	31 May 2019	0908_QC105_190531	Field_D	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.37	**0.37**	0.51	0.04	0.04	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	31 May 2019	0908_QC105_190531	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	**0.38**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW108D	31 May 2019	0908_QC205_190531	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	<0.02	0.36	**0.38**	0.36	0.046	0.041	<0.01	<0.01	<0.05	<0.02	0.059	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW108D	08 Nov 2019	0908_MW108D_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.46	**0.46**	0.76	0.08	0.08	<0.02	<0.02	<0.1	0.03	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	11 May 2020	0908_MW108D_200511	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.44	**0.44**	0.8	0.1	0.11	<0.02	<0.02	<0.1	0.02	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	17 Nov 2020	0908_MW108_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.23	**0.23**	0.35	0.04	0.04	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	17 May 2021	0908_MW108D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.55	**0.55**	0.86	0.07	0.1	<0.02	<0.02	<0.1	0.02	0.1	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	10 Nov 2021	0908_MW108D_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	1.41	**1.41**	2.25	0.21	0.2	<0.02	<0.02	<0.1	0.05	0.33	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	19 May 2022	0908_MW108D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.21	**0.21**	0.26	<0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	10 Nov 2022	0908_MW108D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.36	**0.36**	0.47	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	10 May 2023	0908_MW108D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.02	<0.01	1.56	**1.56**	2.15	0.12	0.19	<0.02	<0.02	<0.1	0.04	0.18	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	10 May 2023	0908_QC219_230510	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	1.6	**1.6**	2.1	0.11	0.18	<0.01	<0.02	<0.02	0.03	0.16	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW108D	22 Nov 2023	0908_MW108D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.44	**0.44**	0.59	0.04	0.06	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	17 Nov 2014	MW108-S_17112014	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.21	**0.23**	0.23	<0.01	-	-	<0.01	-	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW108S	21 Jan 2016	MW108S_21012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW108S	29 Aug 2016	MW108S_290816	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.13*	1.9	**2.03**	2.05	0.07	-	-	<0.01	<0.05	0.04	0.46	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW108S	17 Oct 2016	MW108S_171016	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.2*	2.4	**2.6**	2.62	0.07	-	-	<0.01	<0.05	0.02	0.12	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW108S	13 Jan 2017	MW108S_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*0.38*	0.78	**1.16**	1.18	0.03	-	-	<0.01	<0.05	0.01	0.18	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW108S	24 Jan 2017	MW108S_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.46*	0.99	**1.45**	1.75	0.03	0.11	<0.02	<0.02	<0.1	<0.02	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	02 May 2017	MW108S_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*0.11*	0.82	**0.93**	0.95	0.02	0.03	<0.01	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW108S	04 Apr 2018	MW108S_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.25	**0.27**	0.27	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	09 Aug 2018	0908_MW108S_180809	Normal	NSW_0908_PFASMGMT	On Base	-	0.32	*0.06*	2.97	**3.03**	4.05	0.07	0.16	<0.02	<0.02	<0.1	0.05	0.38	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	05 Sep 2018	0908_MW108S_180905	Normal	NSW_0908_PFASMGMT	On Base	-	0.35	*0.09*	3.22	**3.31**	4.35	0.07	0.15	<0.02	<0.02	<0.1	0.03	0.39	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	03 Oct 2018	0908_MW108S_181003	Normal	NSW_0908_PFASMGMT	On Base	-	**0.57**	*0.1*	5.8	**5.9**	8.48	0.17	0.25	0.27	<0.02	<0.1	0.15	1.06	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	03 Oct 2018	0908_QC106_181003	Field_D	NSW_0908_PFASMGMT	On Base	-	**0.58**	*0.11*	5.84	**5.95**	8.49	0.16	0.24	0.28	<0.02	<0.1	0.16	1.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	03 Oct 2018	0908_QC206_181003	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.48	<0.02	4	**4**	4.48	0.13	0.2	0.063	<0.01	0.061	0.12	0.7	0.081	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW108S	29 Nov 2018	0908_MW108S_181129	Normal	NSW_0908_PFAS	On Base	-	0.55	*0.07*	4.46	**4.53**	6.52	0.13	0.2	0.27	<0.02	<0.1	0.1	0.67	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	22 Jan 2019	0908_MW108S_190122	Normal	NSW_0908_PFASMGMT	On Base	-	0.4	*0.08*	3.9	**3.98**	5.19	0.08	0.15	0.17	<0.02	<0.1	0.03	0.32	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	01 Apr 2019	0908_MW108S_190401	Normal	NSW_0908_PFASMGMT	On Base	-	0.22	*0.16*	2.49	**2.65**	3.33	0.09	0.08	0.1	<0.02	<0.1	0.02	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	31 May 2019	0908_MW108S_190531	Normal	NSW_0908_PFAS	On Base	-	0.07	*0.12*	0.23	**0.35**	0.54	0.06	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	20 Jun 2019	0908_MW108S_190620	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*0.09*	0.23	**0.32**	0.62	0.09	0.06	0.03	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	24 Sep 2019	0908_MW108S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	*0.06*	2.09	**2.15**	2.65	0.11	0.14	<0.02	<0.02	<0.1	0.03	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	08 Nov 2019	0908_MW108S_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*0.12*	3.13	**3.25**	3.65	0.09	0.1	<0.02	<0.02	<0.1	0.03	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	28 Nov 2019	0908_MW108S_191128	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.12*	2.63	**2.75**	2.92	0.05	0.05	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	16 Mar 2020	0908_MW108S_200316	Normal	NSW_0908_PFASMGMT	On Base	-	0.01	*0.2*	0.25	**0.45**	0.46	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	11 May 2020	0908_MW108S_200511	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.27*	0.2	**0.47**	0.47	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	22 Jun 2020	0908_MW108S_200622	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.04*	0.29	**0.33**	0.33	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	22 Jun 2020	0908_QC100_200622	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.04*	0.29	**0.33**	0.33	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	30 Sep 2020	0908_MW108S_200930	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.06*	0.15	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	17 Nov 2020	0908_MW108_S_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.03*	0.31	**0.34**	0.34	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	13 Jan 2021	0908_MW108_S_210113	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.09*	0.82	**0.91**	1	<0.02	<0.02	0.06	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	13 Jan 2021	0908_QC101_210113	Field_D	NSW_0908_PFASMGMT	On Base	-	0.03	*0.08*	0.77	**0.85**	0.93	<0.02	<0.02	0.05	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	13 Jan 2021	0908_QC201_210113	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.034*	0.61	**0.644**	0.644	<0.01	<0.01	0.017	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW108S	17 May 2021	0908_MW108S_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*0.12*	0.72	**0.84**	1.19	0.03	0.05	0.14	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	23 Jun 2021	0908_MW108S_210623	Normal	NSW_0908_PFASMGMT	On Base	-	0.08	*0.13*	0.88	**1.01**	1.41	0.03	0.04	0.18	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	05 Nov 2021	0908_MW108S_211105	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	*0.1*	0.91	**1.01**	1.21	0.03	0.04	0.05	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	05 Nov 2021	0908_QC101_211105	Field_D	NSW_0908_PFASMGMT	On Base	-	0.02	*0.1*	0.9	**1**	1.19	0.03	0.04	0.04	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	10 Nov 2021	0908_MW108S_211110	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.09*	0.7	**0.79**	0.95	0.03	0.03	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	10 Nov 2021	0908_QC203_211110	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.08*	0.75	**0.82**	0.98	0.02	0.03	0.04	<0.02	<0.02	<0.02	0.05	0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW108D	07 Mar 2017	MW108D_070317	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	02 May 2017	MW108D_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW108D	04 Apr 2018	MW108D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	04 Apr 2018	MW108D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW108D	29 Nov 2018	0908_MW108D_181129	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	29 Nov 2018	0908_MW108D_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW108D	31 May 2019	0908_MW108D_190531	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	31 May 2019	0908_MW108D_190531	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW108D	31 May 2019	0908_QC105_190531	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	31 May 2019	0908_QC105_190531	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW108D	31 May 2019	0908_QC205_190531	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW108D	08 Nov 2019	0908_MW108D_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	11 May 2020	0908_MW108D_200511	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	17 Nov 2020	0908_MW108_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	17 May 2021	0908_MW108D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	10 Nov 2021	0908_MW108D_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	19 May 2022	0908_MW108D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	10 Nov 2022	0908_MW108D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	10 May 2023	0908_MW108D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108D	10 May 2023	0908_QC219_230510	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW108D	22 Nov 2023	0908_MW108D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	17 Nov 2014	MW108-S_17112014	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW108S	21 Jan 2016	MW108S_21012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW108S	29 Aug 2016	MW108S_290816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW108S	17 Oct 2016	MW108S_171016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW108S	13 Jan 2017	MW108S_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW108S	24 Jan 2017	MW108S_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	02 May 2017	MW108S_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	04 Apr 2018	MW108S_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	09 Aug 2018	0908_MW108S_180809	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	05 Sep 2018	0908_MW108S_180905	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	03 Oct 2018	0908_MW108S_181003	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	03 Oct 2018	0908_QC106_181003	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	03 Oct 2018	0908_QC206_181003	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW108S	29 Nov 2018	0908_MW108S_181129	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	22 Jan 2019	0908_MW108S_190122	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	01 Apr 2019	0908_MW108S_190401	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	31 May 2019	0908_MW108S_190531	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	20 Jun 2019	0908_MW108S_190620	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	24 Sep 2019	0908_MW108S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	08 Nov 2019	0908_MW108S_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	28 Nov 2019	0908_MW108S_191128	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	16 Mar 2020	0908_MW108S_200316	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	11 May 2020	0908_MW108S_200511	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	22 Jun 2020	0908_MW108S_200622	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	22 Jun 2020	0908_QC100_200622	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	30 Sep 2020	0908_MW108S_200930	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	17 Nov 2020	0908_MW108_S_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	13 Jan 2021	0908_MW108_S_210113	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	13 Jan 2021	0908_QC101_210113	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	13 Jan 2021	0908_QC201_210113	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW108S	17 May 2021	0908_MW108S_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	23 Jun 2021	0908_MW108S_210623	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	05 Nov 2021	0908_MW108S_211105	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	05 Nov 2021	0908_QC101_211105	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	10 Nov 2021	0908_MW108S_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	10 Nov 2021	0908_QC203_211110	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW108S	12 Jan 2022	0908_MW108S_220112	Normal	NSW_0908_PFASMGMT	On Base	-	0.05	*0.08*	1.07	**1.15**	1.31	<0.02	0.03	0.05	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	14 Mar 2022	0908_MW108S_220314	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*0.1*	0.62	**0.72**	0.8	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	19 May 2022	0908_MW108S_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*0.83*	0.62	**1.45**	1.59	<0.02	<0.02	0.11	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	20 Jun 2022	0908_MW108S_220620	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.92*	0.6	**1.52**	1.75	<0.02	<0.02	0.17	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	12 Sep 2022	0908_MW108S_220912	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*2.02*	0.61	**2.63**	2.88	<0.02	0.03	0.14	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	10 Nov 2022	0908_MW108S_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*1.66*	0.55	**2.21**	2.48	0.02	0.04	0.13	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	10 May 2023	0908_MW108S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.42	*4.03*	2.86	**6.89**	8.7	0.05	0.11	0.88	<0.02	<0.1	0.04	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW108S	22 Nov 2023	0908_MW108S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.23	*4.68*	1.46	**6.14**	7.39	0.03	0.05	0.78	<0.02	<0.1	<0.02	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	17 Nov 2014	MW109-D_17112014	Normal	NSW_0908_PFAS	On Base	-	**0.83**	*44*	7.5	**51.5**	52.33	0.95	-	-	0.11	-	0.28	2.2	0.34	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	-
MW109D	02 Feb 2016	MW109D_02022016	Normal	NSW_0908_PFAS	On Base	-	**0.67**	*24.5*	-	**24.5**	25.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW109D	29 Aug 2016	MW109D_290816	Normal	NSW_0908_PFAS	On Base	-	0.42	*34*	3.9	**37.9**	38.32	0.32	-	-	0.02	0.11	0.18	1.4	0.18	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW109D	19 Oct 2016	MW109D_191016	Normal	NSW_0908_PFASMGMT	On Base	-	0.34	*15*	1.6	**16.6**	16.94	0.4	-	-	<0.01	0.12	0.16	1.1	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW109D	12 Jan 2017	MW109D_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.49	*35*	4	**39**	39.49	0.33	-	-	0.05	0.12	0.17	1.3	0.16	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	0.02	-
MW109D	24 Jan 2017	MW109D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	**0.89**	*49.4*	7.29	**56.69**	61.9	0.48	0.6	0.78	0.09	<0.1	0.32	1.74	0.31	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	24 Jan 2017	MW109D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**56.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW109D	02 May 2017	MW109D_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.37	*22*	3.1	**25.1**	25.47	0.19	0.27	0.36	0.09	0.1	0.19	0.93	0.14	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.18	0.02	<0.01
MW109D	20 Apr 2018	MW109D_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.94*	0.59	**1.53**	1.92	0.02	0.04	<0.02	<0.02	<0.1	0.04	0.08	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.18	<0.05	<0.05
MW109D	14 Sep 2018	0908_MW109D_180914	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	*3.25*	0.16	**3.41**	3.48	<0.02	<0.02	<0.02	<0.02	<0.1	0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	13 Dec 2018	0908_MW109D_181213	Normal	NSW_0908_PFAS	On Base	-	0.07	*6.22*	0.78	**7**	7.52	0.04	0.06	0.08	<0.02	<0.1	0.05	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	13 Dec 2018	0908_QC112_181213	Field_D	NSW_0908_PFAS	On Base	-	0.07	*6.35*	0.8	**7.15**	7.67	0.04	0.06	0.07	<0.02	<0.1	0.05	0.2	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	31 May 2019	0908_MW109D_190531	Normal	NSW_0908_PFAS	On Base	-	0.02	*3.98*	0.17	**4.15**	4.25	<0.02	<0.02	<0.02	<0.02	<0.1	0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	23 Nov 2020	0908_MW109_D_201123	Normal	NSW_0908_PFASOMP	On Base	-	0.14	*2.98*	2.85	**5.83**	6.92	0.16	0.19	0.11	<0.02	<0.1	0.08	0.35	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	23 Nov 2020	0908_QC106_201123	Field_D	NSW_0908_PFASOMP	On Base	-	0.15	*3.11*	3.01	**6.12**	7.24	0.17	0.2	0.11	<0.02	<0.1	0.08	0.36	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	23 Nov 2020	0908_QC206_201123	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.11	*2.6*	2.5	**5.1**	5.21	0.14	0.17	0.068	<0.01	0.063	0.075	0.28	0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW109D	17 May 2021	0908_MW109D_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.5	*14.9*	5.58	**20.5**	24.8	0.51	0.68	0.4	0.08	0.2	0.4	1.27	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.1	<0.05	<0.05
MW109D	16 Nov 2021	0908_MW109D_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.54	*15.4*	6.54	**21.9**	26.2	0.55	0.65	0.4	0.03	0.2	0.34	1.29	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05
MW109D	19 May 2022	0908_MW109D_220519	Normal	NSW_0908_PFASOMP	On Base	-	**0.6**	*30.9*	6.48	**37.4**	40.9	0.22	0.34	0.72	0.07	0.1	0.26	0.92	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW109D	10 Nov 2022	0908_MW109D_221110	Normal	NSW_0908_PFASOMP	On Base	-	**0.76**	*26.4*	7.94	**34.3**	38.2	0.33	0.48	0.64	<0.02	0.2	0.27	0.92	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	26 May 2023	0908_MW109D_230526	Normal	NSW_0908_PFASOMP_23	On Base	-	0.05	*3.82*	0.66	**4.48**	4.9	0.05	0.07	0.02	<0.02	<0.1	0.06	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	22 Nov 2023	0908_MW109D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	**0.88**	*9.64*	12.9	**22.5**	27.6	0.76	1.05	0.45	<0.02	0.1	0.26	1.19	0.32	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	12 Nov 2014	MW118_12112014	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.001	<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	-
MW118	29 Jan 2016	MW118_29012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW118	11 Jan 2017	MW118_GW_11012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	28 Mar 2018	MW118_GW_28032018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	19 Nov 2018	0908_MW118_181119	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	24 May 2019	0908_MW118_190524	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	05 Nov 2019	0908_MW118_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	05 Nov 2019	0908_QC101_191105	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	05 Nov 2019	0908_QC201_191105	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW118	19 May 2020	0908_MW118_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	23 Nov 2020	0908_MW118_201123	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	13 May 2021	0908_MW118_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	13 May 2021	0908_QC101_210513	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	13 May 2021	0908_QC201_210513	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW118	09 Nov 2021	0908_MW118_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	17 May 2022	0908_MW118_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	17 May 2022	0908_QC100_220517	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	07 Nov 2022	0908_MW118_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	28 Nov 2023	0908_MW118_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	28 Nov 2023	0908_QC114_231128	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW118	28 Nov 2023	0908_QC214_231128	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW120	13 Nov 2014	MW120_13112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.001	<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	-
MW120	25 Jan 2016	MW120_25012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW120	10 Jan 2017	MW120_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW120	30 Jan 2017	MW120_GW_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW120	21 Jun 2019	0908_MW120_190621	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.02*	0.06	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	13 Nov 2014	MW121_13112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.001	<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	-

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW108S	12 Jan 2022	0908_MW108S_220112	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	14 Mar 2022	0908_MW108S_220314	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	19 May 2022	0908_MW108S_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	20 Jun 2022	0908_MW108S_220620	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	12 Sep 2022	0908_MW108S_220912	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	10 Nov 2022	0908_MW108S_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	10 May 2023	0908_MW108S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW108S	22 Nov 2023	0908_MW108S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	17 Nov 2014	MW109-D_17112014	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW109D	02 Feb 2016	MW109D_02022016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW109D	29 Aug 2016	MW109D_290816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW109D	19 Oct 2016	MW109D_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW109D	12 Jan 2017	MW109D_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW109D	24 Jan 2017	MW109D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	24 Jan 2017	MW109D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW109D	02 May 2017	MW109D_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW109D	20 Apr 2018	MW109D_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	14 Sep 2018	0908_MW109D_180914	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	13 Dec 2018	0908_MW109D_181213	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	13 Dec 2018	0908_QC112_181213	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	31 May 2019	0908_MW109D_190531	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	23 Nov 2020	0908_MW109_D_201123	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	23 Nov 2020	0908_QC106_201123	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	23 Nov 2020	0908_QC206_201123	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW109D	17 May 2021	0908_MW109D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	16 Nov 2021	0908_MW109D_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	19 May 2022	0908_MW109D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	10 Nov 2022	0908_MW109D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	26 May 2023	0908_MW109D_230526	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW109D	22 Nov 2023	0908_MW109D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	12 Nov 2014	MW118_12112014	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.05	<0.05	-	-	<0.05	-	-
MW118	29 Jan 2016	MW118_29012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW118	11 Jan 2017	MW118_GW_11012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	28 Mar 2018	MW118_GW_28032018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	19 Nov 2018	0908_MW118_181119	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	24 May 2019	0908_MW118_190524	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	05 Nov 2019	0908_MW118_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	05 Nov 2019	0908_QC101_191105	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	05 Nov 2019	0908_QC201_191105	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05
MW118	19 May 2020	0908_MW118_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	23 Nov 2020	0908_MW118_201123	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	13 May 2021	0908_MW118_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	13 May 2021	0908_QC101_210513	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	13 May 2021	0908_QC201_210513	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW118	09 Nov 2021	0908_MW118_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	17 May 2022	0908_MW118_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	17 May 2022	0908_QC100_220517	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	07 Nov 2022	0908_MW118_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	28 Nov 2023	0908_MW118_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	28 Nov 2023	0908_QC114_231128	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW118	28 Nov 2023	0908_QC214_231128	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW120	13 Nov 2014	MW120_13112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.05	<0.05	-	-	<0.05	-	-
MW120	25 Jan 2016	MW120_25012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW120	10 Jan 2017	MW120_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW120	30 Jan 2017	MW120_GW_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW120	21 Jun 2019	0908_MW120_190621	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	13 Nov 2014	MW121_13112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.05	<0.05	-	-	<0.05	-	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids					PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																				
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																						
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																								
MW121	25 Jan 2016	MW121_25012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW121	10 Jan 2017	MW121_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	26 Mar 2018	QC201_GW_26032018	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.03	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW121	28 Mar 2018	MW121_GW_28032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	28 Mar 2018	QC101_GW_28032018	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	20 Nov 2018	0908_MW121_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	23 May 2019	0908_MW121_90523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	04 Nov 2019	0908_MW121_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	18 May 2020	0908_MW121_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	23 Nov 2020	0908_MW121_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.15*	0.17	**0.32**	0.39	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	13 May 2021	0908_MW121_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.04*	0.03	0.07	0.07	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	09 Nov 2021	0908_MW121_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	18 May 2022	0908_MW121_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.16*	0.04	**0.2**	0.2	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	08 Nov 2022	0908_MW121_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.02*	<0.01	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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	08 Nov 2022	0908_QC110_221108	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.02*	0.01	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	08 Nov 2022	0908_QC210_221108	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.02*	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW121	09 May 2023	0908_MW121_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.02*	<0.01	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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	09 May 2023	0908_QC106_230509	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW121	09 May 2023	0908_QC206_230509	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.01*	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW121	20 Nov 2023	0908_MW121_231120	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.02*	<0.01	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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	13 Nov 2014	MW122_13112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.03	0.03	0.03	<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	-
MW122	15 Feb 2016	MW122_15022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.05	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.1	-	<0.05
MW122	15 Feb 2016	QC135_WG_15022016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.05	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.1	-	<0.05
MW122	06 Apr 2018	MW122_GW_06042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	21 Nov 2018	0908__QC201_181121	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.02	0.019	0.039	0.019	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW122	21 Nov 2018	0908_MW122_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	21 Nov 2018	0908_QC102_181121	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	23 May 2019	0908_MW122_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	23 May 2019	0908_MW122_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW122	05 Nov 2019	0908_MW122_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	20 May 2020	0908_MW122_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	24 Nov 2020	0908_MW122_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	18 May 2022	0908_MW122_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	10 Nov 2022	0908_MW122_221110	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	19 May 2023	0908_MW122_230519	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW122	21 Nov 2023	0908_MW122_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	12 Nov 2014	MW123_12112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.48*	0.25	**0.73**	0.75	0.03	-	-	<0.01	-	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW123	08 Oct 2015	MW123	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	*0.1*	-	**0.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW123	29 Jan 2016	MW123_29012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	*0.76*	-	**0.76**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW123	11 Jan 2017	MW123_GW_11012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	*1.12*	0.41	**1.53**	1.91	0.26	<0.02	0.04	<0.02	<0.1	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	28 Mar 2018	MW123_GW_28032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	*0.8*	0.68	**1.48**	1.86	0.07	0.07	0.04	<0.02	<0.1	0.04	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	20 Nov 2018	0908_MW123_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	*0.67*	0.5	**1.17**	1.56	0.06	0.08	0.03	<0.02	<0.1	0.02	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	23 May 2019	0908_MW123_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.04	*0.87*	1.01	**1.88**	2.3	0.07	0.09	0.04	<0.02	<0.1	0.02	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	05 Nov 2019	0908_MW123_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.04	*0.89*	1.04	**1.93**	2.31	0.06	0.07	0.05	<0.02	<0.1	<0.02	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	26 May 2021	0908_MW123_210526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.58*	0.54	**1.12**	1.34	0.04	0.04	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	09 Nov 2021	0908_MW123_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.01	*0.34*	0.25	**0.59**	0.67	0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	09 Nov 2021	0908_QC101_211109	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.01	*0.37*	0.27	**0.64**	0.72	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	18 May 2022	0908_MW123_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.1*	0.08	**0.18**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	08 Nov 2022	0908_MW123_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.4*	0.33	**0.73**	0.86	0.02	0.03	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	09 May 2023	0908_MW123_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.02	*0.41*	0.39	**0.8**	0.97	0.03	0.04	0.03	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW123	21 Nov 2023	0908_MW123_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.01	*0.35*	0.21	**0.56**	0.61	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	11 Nov 2014	MW124_11112014	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<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	<0.01	<0.01	-
MW124	03 Feb 2016	MW124_03022016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW124	12 Jan 2017	MW124_GW_12012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	06 Apr 2018	MW124_GW_06042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	21 Nov 2018	0908_MW124_181121	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	22 May 2019	0908_MW124_190522	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

	PFAS - Perfluoroalkyl Sulfonamides						
	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water							
PFAS NEMP 2020 Freshwater 99%							

Location Code	Date	Field ID	Sample Type	Project ID	On Base/Management Zone	HHERA Risk Zone							
MW121	25 Jan 2016	MW121_25012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW121	10 Jan 2017	MW121_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	26 Mar 2018	QC201_GW_26032018	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW121	28 Mar 2018	MW121_GW_28032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	28 Mar 2018	QC101_GW_28032018	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	20 Nov 2018	0908_MW121_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	23 May 2019	0908_MW121_90523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	04 Nov 2019	0908_MW121_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	18 May 2020	0908_MW121_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	23 Nov 2020	0908_MW121_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	13 May 2021	0908_MW121_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	09 Nov 2021	0908_MW121_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	18 May 2022	0908_MW121_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	08 Nov 2022	0908_MW121_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	08 Nov 2022	0908_QC110_221108	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	08 Nov 2022	0908_QC210_221108	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW121	09 May 2023	0908_MW121_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	09 May 2023	0908_QC106_230509	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW121	09 May 2023	0908_QC206_230509	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW121	20 Nov 2023	0908_MW121_231120	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	13 Nov 2014	MW122_13112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.05	<0.05	-	-	<0.05	-	-
MW122	15 Feb 2016	MW122_15022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	15 Feb 2016	QC135_WG_15022016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	06 Apr 2018	MW122_GW_06042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	21 Nov 2018	0908__QC201_181121	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW122	21 Nov 2018	0908_MW122_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	21 Nov 2018	0908_QC102_181121	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	23 May 2019	0908_MW122_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	23 May 2019	0908_MW122_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW122	05 Nov 2019	0908_MW122_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	20 May 2020	0908_MW122_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	24 Nov 2020	0908_MW122_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	18 May 2022	0908_MW122_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	10 Nov 2022	0908_MW122_221110	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	19 May 2023	0908_MW122_230519	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW122	21 Nov 2023	0908_MW122_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	12 Nov 2014	MW123_12112014	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.05	<0.05	-	-	<0.05	-	-
MW123	08 Oct 2015	MW123	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW123	29 Jan 2016	MW123_29012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW123	11 Jan 2017	MW123_GW_11012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	28 Mar 2018	MW123_GW_28032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	20 Nov 2018	0908_MW123_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	23 May 2019	0908_MW123_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	05 Nov 2019	0908_MW123_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	26 May 2021	0908_MW123_210526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	09 Nov 2021	0908_MW123_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	09 Nov 2021	0908_QC101_211109	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	18 May 2022	0908_MW123_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	08 Nov 2022	0908_MW123_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	09 May 2023	0908_MW123_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW123	21 Nov 2023	0908_MW123_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	11 Nov 2014	MW124_11112014	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	-	-	<0.05	-	-
MW124	03 Feb 2016	MW124_03022016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW124	12 Jan 2017	MW124_GW_12012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	06 Apr 2018	MW124_GW_06042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	21 Nov 2018	0908_MW124_181121	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	22 May 2019	0908_MW124_190522	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW124	22 May 2019	0908_QC101_190522	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	22 May 2019	0908_QC201_190522	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.03	0	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW124	04 Nov 2019	0908_MW124_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	14 May 2020	0908_MW124_200514	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	13 Nov 2020	0908_MW124_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	12 May 2021	0908_MW124_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	09 Nov 2021	0908_MW124_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	09 Nov 2021	0908_QC201_211109	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW124	16 May 2022	0908_MW124_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	09 Nov 2022	0908_MW124_221109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	09 May 2023	0908_MW124_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW124	21 Nov 2023	0908_MW124_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	07 Feb 2017	MW125D_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	26 Mar 2018	MW125D_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	20 Nov 2018	0908_MW125D_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	22 May 2019	0908_MW125D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	22 May 2019	0908_MW125D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW125D	22 May 2019	0908_MW125D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	01 Nov 2019	0908_MW125D_191101	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	13 May 2020	0908_MW125D_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	24 Nov 2020	0908_MW125_D_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	13 May 2021	0908_MW125D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	09 Nov 2021	0908_MW125D_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	09 Nov 2022	0908_MW125D_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	09 May 2023	0908_MW125D_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125D	21 Nov 2023	0908_MW125D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	26 Mar 2018	MW125S_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	0.02	*0.02*	0.06	**0.08**	0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	20 Nov 2018	0908_MW125S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	22 May 2019	0908_MW125_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	22 May 2019	0908_MW125_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW125S	01 Nov 2019	0908_MW125S_191101	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	13 May 2020	0908_MW125S_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	13 Nov 2020	0908_MW125_S_201113	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	13 May 2021	0908_MW125S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	09 Nov 2021	0908_MW125S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	09 Nov 2022	0908_MW125S_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	09 May 2023	0908_MW125S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW125S	21 Nov 2023	0908_MW125S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	19 Dec 2016	MW126D_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	07 Feb 2017	MW126D_GW_07022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	26 Mar 2018	MW126D_GW_26032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	20 Nov 2018	0908_MW126D_181120	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	21 May 2019	0908_MW126D_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	01 Nov 2019	0908_MW126D_191101	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	*0.47*	0.03	**0.5**	0.5	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	13 May 2020	0908_MW126D_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	24 Nov 2020	0908_MW126_D_201124	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	*0.04*	<0.02	0.04	0.11	0.07	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	19 May 2021	0908_MW126D_210519	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	19 May 2021	0908_QC204_210519	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW126D	09 Nov 2021	0908_MW126D_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	31 May 2022	0908_MW126D_220531	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	09 Nov 2022	0908_MW126D_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	11 May 2023	0908_MW126D_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.01	<0.01	0.13	0.13	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126D	23 Nov 2023	0908_MW126D_231123	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	13 Nov 2014	MW126_13112014	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.04	*0.07*	0.49	**0.56**	0.6	0.05	-	-	<0.01	-	<0.01	0.24	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW126S	03 Feb 2016	MW126_03022016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.16	*0.49*	-	**0.49**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW126S	19 Dec 2016	MW126S_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.33	*2.26*	6.11	**8.37**	11.6	0.36	0.42	0.51	<0.02	<0.1	0.2	1.19	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	26 Mar 2018	MW126S_GW_26032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.09	*1.44*	1.59	**3.03**	4.19	0.2	0.16	0.18	<0.02	<0.1	0.09	0.37	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW124	22 May 2019	0908_QC101_190522	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	22 May 2019	0908_QC201_190522	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW124	04 Nov 2019	0908_MW124_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	14 May 2020	0908_MW124_200514	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	13 Nov 2020	0908_MW124_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	12 May 2021	0908_MW124_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	09 Nov 2021	0908_MW124_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	09 Nov 2021	0908_QC201_211109	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW124	16 May 2022	0908_MW124_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	09 Nov 2022	0908_MW124_221109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	09 May 2023	0908_MW124_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW124	21 Nov 2023	0908_MW124_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	07 Feb 2017	MW125D_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	26 Mar 2018	MW125D_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	20 Nov 2018	0908_MW125D_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	22 May 2019	0908_MW125D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	22 May 2019	0908_MW125D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW125D	22 May 2019	0908_MW125D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	01 Nov 2019	0908_MW125D_191101	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	13 May 2020	0908_MW125D_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	24 Nov 2020	0908_MW125_D_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	13 May 2021	0908_MW125D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	09 Nov 2021	0908_MW125D_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	09 Nov 2022	0908_MW125D_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	09 May 2023	0908_MW125D_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125D	21 Nov 2023	0908_MW125D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	26 Mar 2018	MW125S_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	20 Nov 2018	0908_MW125S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	22 May 2019	0908_MW125_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	22 May 2019	0908_MW125_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW125S	01 Nov 2019	0908_MW125S_191101	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	13 May 2020	0908_MW125S_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	13 Nov 2020	0908_MW125_S_201113	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	13 May 2021	0908_MW125S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	09 Nov 2021	0908_MW125S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	09 Nov 2022	0908_MW125S_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	09 May 2023	0908_MW125S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW125S	21 Nov 2023	0908_MW125S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	19 Dec 2016	MW126D_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	07 Feb 2017	MW126D_GW_07022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	26 Mar 2018	MW126D_GW_26032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	20 Nov 2018	0908_MW126D_181120	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	21 May 2019	0908_MW126D_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	01 Nov 2019	0908_MW126D_191101	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	13 May 2020	0908_MW126D_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	24 Nov 2020	0908_MW126_D_201124	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	19 May 2021	0908_MW126D_210519	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	19 May 2021	0908_QC204_210519	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW126D	09 Nov 2021	0908_MW126D_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	31 May 2022	0908_MW126D_220531	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	09 Nov 2022	0908_MW126D_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	11 May 2023	0908_MW126D_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126D	23 Nov 2023	0908_MW126D_231123	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	13 Nov 2014	MW126_13112014	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.05	<0.05	-	-	<0.05	-	-
MW126S	03 Feb 2016	MW126_03022016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	-	-	-	-
MW126S	19 Dec 2016	MW126S_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	26 Mar 2018	MW126S_GW_26032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids					PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW126S	26 Mar 2018	QC100_GW_26032018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.09	*1.42*	1.69	**3.11**	4.3	0.2	0.16	0.19	<0.02	<0.1	0.08	0.39	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	26 Mar 2018	QC200_GW_26032018	Interlab_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.077	*0.65*	1.3	**1.95**	2.027	0.14	0.13	0.12	<0.01	0.067	0.053	0.3	0.043	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW126S	26 Nov 2018	0908_MW126S_181126	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.13	*1.63*	2.64	**4.27**	5.82	0.28	0.28	0.21	<0.02	<0.1	0.1	0.48	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	21 May 2019	0908_MW126S_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.38	*3.6*	7.04	**10.6**	15.6	0.88	1.03	0.55	<0.02	<0.1	0.29	1.6	0.23	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	21 May 2019	0908_MW126S_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**10.64**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW126S	21 May 2019	0908_QC100_190521	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.38	*3.63*	7.29	**10.9**	15.9	0.88	1.06	0.55	<0.02	<0.1	0.27	1.6	0.23	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	21 May 2019	0908_QC100_190521	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**10.92**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW126S	21 May 2019	0908_QC200_190521	Interlab_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.32	*3.1*	8.2	**11.3**	11.62	0.77	0.72	0.34	<0.01	0.19	0.27	1.5	0.18	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW126S	01 Nov 2019	0908_MW126S_191101	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.35	*3.86*	7.02	**10.9**	15.6	1.02	0.7	0.55	<0.02	0.2	0.25	1.44	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	13 May 2020	0908_MW126S_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.53	*8.44*	8.7	**17.1**	23.2	0.97	1.16	0.7	<0.02	<0.1	0.33	2.08	0.32	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	13 May 2020	0908_QC102_200513	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.56	*9.2*	8.52	**17.7**	24	0.93	1.34	0.79	<0.02	<0.1	0.31	1.97	0.34	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	13 May 2020	0908_QC202_200513	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.32	*5.3*	6	**11.3**	11.62	0.75	0.76	0.35	<0.01	0.17	0.27	1.3	0.18	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW126S	24 Nov 2020	0908_MW126_S_201124	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.54	*9.88*	6.73	**16.6**	22.8	0.89	1.12	0.87	<0.02	0.2	0.33	1.96	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	19 May 2021	0908_MW126S_210519	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.4	*10.2*	7.3	**17.5**	22.5	0.66	0.86	0.81	<0.02	0.1	0.24	1.72	0.24	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	09 Nov 2021	0908_MW126S_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.25	*6.08*	6.26	**12.3**	15.8	0.52	0.45	0.43	<0.02	<0.1	0.18	1.5	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	31 May 2022	0908_MW126S_220531	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.28	*6.02*	5.03	**11**	14.4	0.37	0.47	0.61	<0.02	0.1	0.14	1.25	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	09 Nov 2022	0908_MW126S_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.45	*7.02*	10.3	**17.3**	23.6	0.7	0.85	0.79	<0.02	0.2	0.38	2.61	0.31	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	11 May 2023	0908_MW126S_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	**0.68**	*7.94*	13.1	**21**	28	0.93	0.55	0.51	<0.02	0.2	0.47	3.25	0.39	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	11 May 2023	0908_QC112_230511	Field_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.54	*7.4*	13.3	**20.7**	28.1	0.98	0.93	1.07	<0.02	0.2	0.49	2.81	0.34	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW126S	11 May 2023	0908_QC212_230511	Interlab_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.52	*7*	16	**23**	30	0.84	0.94	1.3	<0.02	0.25	0.41	2.9	0.35	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW126S	23 Nov 2023	0908_MW126S_231123	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.35	*4.25*	7.06	**11.3**	15.6	0.55	0.72	0.8	<0.02	0.1	0.23	1.31	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	27 Jan 2016	MW128D_27012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW128D	11 Jan 2017	MW128D_GW_11012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	10 Apr 2018	MW128D_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	26 Nov 2018	0908_MW128D_181126	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW128D	27 May 2019	0908_MW128D_190527	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	01 Nov 2019	0908_MW128D_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	18 May 2020	0908_MW128D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	25 Nov 2020	0908_MW128_D_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	20 May 2021	0908_MW128D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	20 May 2021	0908_QC110_210520	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	20 May 2021	0908_QC210_210520	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW128D	11 Nov 2021	0908_MW128D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	11 Nov 2021	0908_QC105_211111	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	16 May 2022	0908_MW128D_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	07 Nov 2022	0908_MW128D_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	09 May 2023	0908_MW128D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	*0.02*	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128D	28 Nov 2023	0908_MW128D_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	13 Nov 2014	MW128_13112014	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.05*	0.02	0.07	0.07	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	-
MW128S	27 Jan 2016	MW128_27012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW128S	11 Jan 2017	MW128S_GW_11012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	10 Apr 2018	MW128S_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW128S	27 May 2019	0908_MW128S_190527	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW128S	01 Nov 2019	0908_MW128S_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW128S	18 May 2020	0908_MW128S_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	25 Nov 2020	0908_MW128_S_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	20 May 2021	0908_MW128S_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	11 Nov 2021	0908_MW128S_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	16 May 2022	0908_MW128S_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.01*	0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	07 Nov 2022	0908_MW128S_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	09 May 2023	0908_MW128S_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW128S	28 Nov 2023	0908_MW128S_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	14 Apr 2015	MW130-D_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	0.02	-	<0.01	<0.01	<0.01	<0.01	0.01	0.03	0.04	0.03	<0.01	<0.01	<0.05	0.06	-
MW130D	31 Jan 2017	MW130D_GW_31022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	27 Apr 2018	MW130D_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	27 Nov 2018	0908_MW130D_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	30 May 2019	0908_MW130D_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW126S	26 Mar 2018	QC100_GW_26032018	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	26 Mar 2018	QC200_GW_26032018	Interlab_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW126S	26 Nov 2018	0908_MW126S_181126	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	21 May 2019	0908_MW126S_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	21 May 2019	0908_MW126S_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		-	-	-	-	-	-	-
MW126S	21 May 2019	0908_QC100_190521	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	21 May 2019	0908_QC100_190521	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		-	-	-	-	-	-	-
MW126S	21 May 2019	0908_QC200_190521	Interlab_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW126S	01 Nov 2019	0908_MW126S_191101	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	13 May 2020	0908_MW126S_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	13 May 2020	0908_QC102_200513	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	13 May 2020	0908_QC202_200513	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW126S	24 Nov 2020	0908_MW126_S_201124	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	19 May 2021	0908_MW126S_210519	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	09 Nov 2021	0908_MW126S_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	31 May 2022	0908_MW126S_220531	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	09 Nov 2022	0908_MW126S_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	11 May 2023	0908_MW126S_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	11 May 2023	0908_QC112_230511	Field_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW126S	11 May 2023	0908_QC212_230511	Interlab_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW126S	23 Nov 2023	0908_MW126S_231123	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	27 Jan 2016	MW128D_27012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW128D	11 Jan 2017	MW128D_GW_11012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	10 Apr 2018	MW128D_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	26 Nov 2018	0908_MW128D_181126	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW128D	27 May 2019	0908_MW128D_190527	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	01 Nov 2019	0908_MW128D_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	18 May 2020	0908_MW128D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	25 Nov 2020	0908_MW128_D_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	20 May 2021	0908_MW128D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	20 May 2021	0908_QC110_210520	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	20 May 2021	0908_QC210_210520	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW128D	11 Nov 2021	0908_MW128D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	11 Nov 2021	0908_QC105_211111	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	16 May 2022	0908_MW128D_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	07 Nov 2022	0908_MW128D_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	09 May 2023	0908_MW128D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128D	28 Nov 2023	0908_MW128D_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	13 Nov 2014	MW128_13112014	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.05	-	-	<0.05	-	-
MW128S	27 Jan 2016	MW128_27012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW128S	11 Jan 2017	MW128S_GW_11012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	10 Apr 2018	MW128S_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW128S	27 May 2019	0908_MW128S_190527	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW128S	01 Nov 2019	0908_MW128S_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW128S	18 May 2020	0908_MW128S_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	25 Nov 2020	0908_MW128_S_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	20 May 2021	0908_MW128S_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	11 Nov 2021	0908_MW128S_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	16 May 2022	0908_MW128S_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	07 Nov 2022	0908_MW128S_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	09 May 2023	0908_MW128S_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW128S	28 Nov 2023	0908_MW128S_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	14 Apr 2015	MW130-D_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.05	<0.05	-	-	<0.05	-	-
MW130D	31 Jan 2017	MW130D_GW_31022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	27 Apr 2018	MW130D_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	27 Nov 2018	0908_MW130D_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	30 May 2019	0908_MW130D_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW130D	06 Nov 2019	0908_MW130D_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	14 May 2020	0908_MW130D_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	25 Nov 2020	0908_MW130_D_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	15 Nov 2021	0908_MW130D_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	01 Jun 2022	0908_MW130D_220601	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	08 Nov 2022	0908_MW130D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	11 May 2023	0908_MW130D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	27 Nov 2023	0908_MW130D_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	27 Nov 2023	0908_QC109_231127	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130D	27 Nov 2023	0908_QC209_231127	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW130S	14 Apr 2015	MW130-S_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<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	<0.05	<0.01	-
MW130S	31 Jan 2017	MW130S_GW_31012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	31 Jan 2017	QC719_GW_31012017	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	27 Apr 2018	MW130S_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	21 Nov 2018	0908_MW130S_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	30 May 2019	0908_MW130S_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	06 Nov 2019	0908_MW130S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	14 May 2020	0908_MW130S_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	25 Nov 2020	0908_MW130_S_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	15 Nov 2021	0908_MW130S_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	08 Nov 2022	0908_MW130S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	11 May 2023	0908_MW130S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	27 Nov 2023	0908_MW130S_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	27 Nov 2023	0908_QC107_231127	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW130S	27 Nov 2023	0908_QC207_231127	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW132D	14 Apr 2015	MW132-D_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.01	<0.01	0.07	0.07	0.08	<0.01	-	-	<0.01	-	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.02	-
MW132D	01 Feb 2017	MW132D_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.07*	0.37	**0.44**	0.56	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	27 Apr 2018	MW132D_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.08*	0.72	**0.8**	1.27	0.04	0.07	<0.02	<0.02	<0.1	0.03	0.29	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	27 Nov 2018	0908_MW132D_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.09*	1.1	**1.19**	1.53	0.08	0.05	<0.02	<0.02	<0.1	0.03	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	22 May 2019	0908_MW132D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	*0.1*	1.11	**1.21**	1.67	0.09	0.08	0.03	<0.02	<0.1	0.02	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	06 Nov 2019	0908_MW132D_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.07	*0.08*	2.25	**2.33**	2.8	0.05	0.08	0.04	<0.02	<0.1	<0.02	0.21	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	14 May 2020	0908_MW132D_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.09	*0.1*	1.56	**1.66**	2.26	0.06	0.1	0.06	<0.02	<0.1	0.03	0.24	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	17 Nov 2020	0908_MW132_D_201117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.05	*0.1*	1.25	**1.35**	1.66	0.04	0.06	0.04	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	27 May 2021	0908_MW132D_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.07	*0.14*	1	**1.14**	1.5	0.09	0.04	0.08	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	15 Nov 2021	0908_MW132D_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.1	*0.31*	0.77	**1.08**	1.43	0.08	0.03	0.08	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	15 Nov 2021	0908_QC207_211115	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.08	*0.23*	0.79	**1**	1.3	0.01	0.03	0.1	<0.02	<0.02	<0.02	0.06	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW132D	30 May 2022	0908_MW132D_220530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.06	*0.41*	0.7	**1.11**	1.41	0.02	0.04	0.1	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	30 May 2022	0908_QC218_220530	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.06	*0.38*	0.61	**0.99**	1.3	0.02	0.02	0.1	<0.02	<0.02	<0.02	0.07	0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW132D	08 Nov 2022	0908_MW132D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.04	*0.44*	0.7	**1.14**	1.39	<0.02	0.04	0.1	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	11 May 2023	0908_MW132D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.03	*0.89*	0.32	**1.21**	1.42	0.02	<0.02	0.1	<0.02	<0.1	0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	23 Nov 2023	0908_MW132D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.02	*0.78*	0.23	**1.01**	1.13	<0.02	<0.02	0.07	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	23 Nov 2023	0908_QC103_231123	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.02	*0.74*	0.2	**0.94**	1.07	<0.02	<0.02	0.08	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132D	23 Nov 2023	0908_QC203_231123	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.02	*0.76*	0.24	**1**	1.1	<0.01	0.01	0.08	<0.02	<0.02	<0.02	0.03	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW132S	14 Apr 2015	MW132-S_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.02	0.02	0.02	<0.01	-	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW132S	18 Jan 2016	MW132S_18012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.04	0.04	0.04	<0.02	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW132S	01 Feb 2017	MW132S_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	27 Apr 2018	MW132S_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	27 Apr 2018	MW132S_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW132S	27 Nov 2018	0908_MW132S_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.4*	0.4	**0.8**	0.95	0.02	0.04	<0.02	<0.02	<0.1	0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	22 May 2019	0908_MW132S_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.46*	0.25	**0.71**	0.77	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	06 Nov 2019	0908_MW132S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.84*	0.45	**1.29**	1.41	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	14 May 2020	0908_MW132S_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.46*	0.13	**0.59**	0.63	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	17 Nov 2020	0908_MW132_S_201117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.74*	0.1	**0.84**	0.86	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	27 May 2021	0908_MW132S_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.22*	0.09	**0.31**	0.31	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	15 Nov 2021	0908_MW132S_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.4*	0.18	**0.58**	0.6	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	30 May 2022	0908_MW132S_220530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.34*	0.14	**0.48**	0.48	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	30 May 2022	0908_QC118_220530	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.52*	0.2	**0.72**	0.72	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW130D	06 Nov 2019	0908_MW130D_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	14 May 2020	0908_MW130D_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	25 Nov 2020	0908_MW130_D_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	15 Nov 2021	0908_MW130D_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	01 Jun 2022	0908_MW130D_220601	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	08 Nov 2022	0908_MW130D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	11 May 2023	0908_MW130D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	27 Nov 2023	0908_MW130D_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	27 Nov 2023	0908_QC109_231127	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130D	27 Nov 2023	0908_QC209_231127	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW130S	14 Apr 2015	MW130-S_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	-	-	<0.05	-	-
MW130S	31 Jan 2017	MW130S_GW_31012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	31 Jan 2017	QC719_GW_31012017	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	27 Apr 2018	MW130S_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	21 Nov 2018	0908_MW130S_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	30 May 2019	0908_MW130S_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	06 Nov 2019	0908_MW130S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	14 May 2020	0908_MW130S_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	25 Nov 2020	0908_MW130_S_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	15 Nov 2021	0908_MW130S_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	08 Nov 2022	0908_MW130S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	11 May 2023	0908_MW130S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	27 Nov 2023	0908_MW130S_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	27 Nov 2023	0908_QC107_231127	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW130S	27 Nov 2023	0908_QC207_231127	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW132D	14 Apr 2015	MW132-D_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.05	<0.05	-	-	<0.05	-	-
MW132D	01 Feb 2017	MW132D_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	27 Apr 2018	MW132D_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	27 Nov 2018	0908_MW132D_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	22 May 2019	0908_MW132D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	06 Nov 2019	0908_MW132D_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	14 May 2020	0908_MW132D_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	17 Nov 2020	0908_MW132_D_201117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	27 May 2021	0908_MW132D_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	15 Nov 2021	0908_MW132D_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	15 Nov 2021	0908_QC207_211115	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW132D	30 May 2022	0908_MW132D_220530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	30 May 2022	0908_QC218_220530	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW132D	08 Nov 2022	0908_MW132D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	11 May 2023	0908_MW132D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	23 Nov 2023	0908_MW132D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	23 Nov 2023	0908_QC103_231123	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132D	23 Nov 2023	0908_QC203_231123	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW132S	14 Apr 2015	MW132-S_20150414	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.05	<0.05	-	-	<0.05	-	-
MW132S	18 Jan 2016	MW132S_18012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW132S	01 Feb 2017	MW132S_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	27 Apr 2018	MW132S_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	27 Apr 2018	MW132S_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW132S	27 Nov 2018	0908_MW132S_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	22 May 2019	0908_MW132S_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	06 Nov 2019	0908_MW132S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	14 May 2020	0908_MW132S_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	17 Nov 2020	0908_MW132_S_201117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	27 May 2021	0908_MW132S_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	15 Nov 2021	0908_MW132S_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	30 May 2022	0908_MW132S_220530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	30 May 2022	0908_QC118_220530	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW132S	08 Nov 2022	0908_MW132S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.24*	0.05	**0.29**	0.29	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	11 May 2023	0908_MW132S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.22*	0.05	**0.27**	0.27	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	23 Nov 2023	0908_MW132S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.18*	0.05	**0.23**	0.23	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	23 Nov 2023	0908_QC105_231123	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.18*	0.04	**0.22**	0.22	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW132S	23 Nov 2023	0908_QC205_231123	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.16*	0.06	**0.22**	0.22	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW134D	13 Apr 2015	MW134-D_20150413	Normal	NSW_0908_PFAS	On Base	-	<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	0.13	0.03	-
MW134D	04 Feb 2016	MW134D_04022016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW134D	04 Feb 2016	QC127_WG_04022016	Field_D	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-
MW134D	05 Sep 2016	MW134D_050916	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.07*	<0.01	0.07	0.07	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW134D	19 Oct 2016	MW134D_191016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.2*	0.05	**0.25**	0.25	<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	-
MW134D	18 Jan 2017	MW134D_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.1*	0.02	**0.12**	0.12	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW134D	18 Jan 2017	QC108_180117	Field_D	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.08*	0.02	**0.1**	0.1	<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	<0.01	<0.05	<0.01	-
MW134D	25 Jan 2017	MW134D_GW_25012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.17*	0.1	**0.27**	0.27	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	09 May 2017	MW134D_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.05*	0.02	0.07	0.07	<0.01	<0.01	0.01	<0.01	<0.05	<0.01	<0.01	<0.01	0.02	0.02	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	0.03	<0.01
MW134D	19 Apr 2018	MW134D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.08*	0.06	**0.14**	0.14	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	30 Nov 2018	0908_MW134D_181130	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	0.07	**0.11**	0.11	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	29 May 2019	0908_MW134D_190529	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.06*	0.04	**0.1**	0.13	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	06 Nov 2019	0908_MW134D_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	15 May 2020	0908_MW134D_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	07 Dec 2020	0908_MW134_D_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	24 May 2021	0908_MW134D_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.04	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	18 Nov 2021	0908_MW134D_211118	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.01*	0.02	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	30 May 2022	0908_MW134D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	0.03	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	14 Nov 2022	0908_MW134D_221114	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	0.04	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	12 May 2023	0908_MW134D_230512	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.02*	0.02	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	12 May 2023	0908_QC114_230512	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	12 May 2023	0908_QC214_230512	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.01*	0.02	0.03	0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	
MW134D	22 Nov 2023	0908_MW134D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	13 Apr 2015	MW134-I_20150413	Normal	NSW_0908_PFAS	On Base	-	0.01	<0.01	0.04	0.04	0.05	<0.01	-	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.01	<0.01	<0.01	<0.01	<0.05	0.01	-	
MW134I	04 Feb 2016	MW134I_04022016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW134I	05 Sep 2016	MW134I_050916	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.21*	0.03	**0.24**	0.24	<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	-
MW134I	19 Oct 2016	MW134L_191016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.13*	0.03	**0.16**	0.16	<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	-
MW134I	25 Jan 2017	MW134I_GW_25012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.07*	0.03	**0.1**	0.1	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	09 May 2017	MW134I_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.06*	0.02	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.01	<0.01
MW134I	19 Apr 2018	MW134I_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.08	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	19 Apr 2018	MW134I_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.09**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW134I	30 Nov 2018	0908_MW134I_181130	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.03*	0.05	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	29 May 2019	0908_MW134I_190529	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.03	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	06 Nov 2019	0908_MW134I_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	0.03	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	15 May 2020	0908_MW134I_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	07 Dec 2020	0908_MW134_I_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	24 May 2021	0908_MW134I_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.08	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	18 Nov 2021	0908_MW134I_211118	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	0.03	0.05	0.05	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	18 Nov 2021	0908_QC209_211118	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.01*	0.03	0.05	0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	
MW134I	30 May 2022	0908_MW134I_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	14 Nov 2022	0908_MW134I_221114	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	12 May 2023	0908_MW134I_230512	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.01*	0.03	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	22 Nov 2023	0908_MW134I_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW137	27 Jan 2016	MW137_27012016	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW137	12 Jan 2017	MW137_GW_12012017	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW137	26 Apr 2018	MW137_GW_26042018	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW137	26 Apr 2018	MW137_GW_26042018	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW137	19 Jun 2018	MW137_GW_190618	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW137	04 Dec 2018	0908_MW137_18124	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW137	13 May 2020	0908_MW137_200513	Normal	NSW_0908_PFASOMP	Other: (Cabbage Tree Road)	-	<0.01	*0.01*	<0.02	0.01	0.04	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW137	12 May 2021	0908_MW137_210512	Normal	NSW_0908_PFASOMP	Other: (Cabbage Tree Road)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW137	24 May 2022	0908_MW137_220524	Normal	NSW_0908_PFASOMP	Other: (Cabbage Tree Road)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW132S	08 Nov 2022	0908_MW132S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	11 May 2023	0908_MW132S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	23 Nov 2023	0908_MW132S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	23 Nov 2023	0908_QC105_231123	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW132S	23 Nov 2023	0908_QC205_231123	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW134D	13 Apr 2015	MW134-D_20150413	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW134D	04 Feb 2016	MW134D_04022016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW134D	04 Feb 2016	QC127_WG_04022016	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW134D	05 Sep 2016	MW134D_050916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW134D	19 Oct 2016	MW134D_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW134D	18 Jan 2017	MW134D_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW134D	18 Jan 2017	QC108_180117	Field_D	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW134D	25 Jan 2017	MW134D_GW_25012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	09 May 2017	MW134D_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW134D	19 Apr 2018	MW134D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	30 Nov 2018	0908_MW134D_181130	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	29 May 2019	0908_MW134D_190529	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	06 Nov 2019	0908_MW134D_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	15 May 2020	0908_MW134D_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	07 Dec 2020	0908_MW134_D_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	24 May 2021	0908_MW134D_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	18 Nov 2021	0908_MW134D_211118	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	30 May 2022	0908_MW134D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	14 Nov 2022	0908_MW134D_221114	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	12 May 2023	0908_MW134D_230512	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	12 May 2023	0908_QC114_230512	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134D	12 May 2023	0908_QC214_230512	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW134D	22 Nov 2023	0908_MW134D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	13 Apr 2015	MW134-I_20150413	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW134I	04 Feb 2016	MW134I_04022016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW134I	05 Sep 2016	MW134I_050916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW134I	19 Oct 2016	MW134L_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW134I	25 Jan 2017	MW134I_GW_25012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	09 May 2017	MW134I_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW134I	19 Apr 2018	MW134I_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	19 Apr 2018	MW134I_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW134I	30 Nov 2018	0908_MW134I_181130	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	29 May 2019	0908_MW134I_190529	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	06 Nov 2019	0908_MW134I_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	15 May 2020	0908_MW134I_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	07 Dec 2020	0908_MW134_I_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	24 May 2021	0908_MW134I_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	18 Nov 2021	0908_MW134I_211118	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	18 Nov 2021	0908_QC209_211118	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW134I	30 May 2022	0908_MW134I_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	14 Nov 2022	0908_MW134I_221114	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	12 May 2023	0908_MW134I_230512	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW134I	22 Nov 2023	0908_MW134I_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW137	27 Jan 2016	MW137_27012016	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	-	-	-	-	-	-	-
MW137	12 Jan 2017	MW137_GW_12012017	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW137	26 Apr 2018	MW137_GW_26042018	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW137	26 Apr 2018	MW137_GW_26042018	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	-	-	-	-	-	-	-
MW137	19 Jun 2018	MW137_GW_190618	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW137	04 Dec 2018	0908_MW137_18124	Normal	NSW_0908_PFAS	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW137	13 May 2020	0908_MW137_200513	Normal	NSW_0908_PFASOMP	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW137	12 May 2021	0908_MW137_210512	Normal	NSW_0908_PFASOMP	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW137	24 May 2022	0908_MW137_220524	Normal	NSW_0908_PFASOMP	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW137	18 May 2023	0908_MW137_230518	Normal	NSW_0908_PFASOMP_23	Other: (Cabbage Tree Road)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	26 Feb 2016	MW139_26022016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.02	<0.01	<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	<0.02	<0.05	<0.05	<0.1	<0.1	<0.05
MW139	23 Jan 2017	MW139_GW_170123	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	09 Apr 2018	MW139_GW_09042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	28 Nov 2018	0908_MW139_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	28 Nov 2018	0908_QC106_181128	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	28 Nov 2018	0908_QC203_181128	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.03	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW139	04 Jun 2019	0908_MW139_190604	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	08 Nov 2019	0908_MW139_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	26 May 2020	0908_MW139_200526	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	12 May 2021	0908_MW139_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	31 May 2022	0908_MW139_220531	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	14 Nov 2022	0908_MW139_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	15 May 2023	0908_MW139_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW139	27 Nov 2023	0908_MW139_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	22 Jan 2016	MW140_22012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW140	10 Jan 2017	MW140_GW_10012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	26 Apr 2018	MW140_GW_26042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.08*	<0.02	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	26 Apr 2018	MW140_GW_26042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	**0.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW140	26 Apr 2018	QC105_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.14*	<0.02	**0.14**	0.14	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	26 Apr 2018	QC105_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	**0.16**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW140	26 Apr 2018	QC205_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.07*	<0.02	0.07	0.07	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	26 Apr 2018	QC205_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	**0.09**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW140	18 Jun 2018	MW140_GW_180618	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	04 Dec 2018	0908_MW140_18124	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	13 May 2020	0908_MW140_200513	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	12 May 2021	0908_MW140_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	16 May 2022	0908_MW140_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW140	18 May 2023	0908_MW140_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	07 Feb 2017	MW146D_A_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	20 Nov 2018	0908_MW146D_A_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	21 May 2019	0908_MW146D_A_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	06 Nov 2019	0908_MW146D_A_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	26 Nov 2020	0908_MW146A_D_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.17	<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	<0.02	<0.05	<0.05	0.17	<0.05	<0.05
MW146AD	13 May 2021	0908_MW146AD_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	13 May 2021	0908_QC102_210513	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	09 Nov 2021	0908_MW146AD_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	31 May 2022	0908_MW146AD_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.27*	0.01	**0.28**	0.28	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	09 Nov 2022	0908_MW146AD_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.1*	<0.01	**0.1**	0.1	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	09 May 2023	0908_MW146AD_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146AD	23 Nov 2023	0908_MW146AD_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	*0.03*	<0.01	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	03 Feb 2016	MW146S_03022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW146S	20 Dec 2016	MW146S_GW_20122016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	26 Mar 2018	MW146S_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	20 Nov 2018	0908_MW146S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	21 May 2019	0908_MW146S_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	06 Nov 2019	0908_MW146S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	20 May 2020	0908_MW146S_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	26 Nov 2020	0908_MW146_S_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	09 Nov 2021	0908_MW146S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	09 Nov 2022	0908_MW146S_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	09 May 2023	0908_MW146S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW146S	24 Nov 2023	0908_MW146S_231124	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147D	04 Mar 2016	MW147D_04032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.5	-	<0.05
MW147D	02 Feb 2017	MW147D_GW_02022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW147D	17 Apr 2018	MW147D_GW_17042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW147D	04 Jun 2019	0908_MW147D_190604	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW137	18 May 2023	0908_MW137_230518	Normal	NSW_0908_PFASOMP_23	Other: (Cabbage Tree Road)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	26 Feb 2016	MW139_26022016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	23 Jan 2017	MW139_GW_170123	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	09 Apr 2018	MW139_GW_09042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	28 Nov 2018	0908_MW139_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	28 Nov 2018	0908_QC106_181128	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	28 Nov 2018	0908_QC203_181128	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW139	04 Jun 2019	0908_MW139_190604	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	08 Nov 2019	0908_MW139_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	26 May 2020	0908_MW139_200526	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	12 May 2021	0908_MW139_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	31 May 2022	0908_MW139_220531	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	14 Nov 2022	0908_MW139_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	15 May 2023	0908_MW139_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW139	27 Nov 2023	0908_MW139_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	22 Jan 2016	MW140_22012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW140	10 Jan 2017	MW140_GW_10012017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	26 Apr 2018	MW140_GW_26042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	26 Apr 2018	MW140_GW_26042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW140	26 Apr 2018	QC105_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	26 Apr 2018	QC105_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW140	26 Apr 2018	QC205_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	26 Apr 2018	QC205_GW_26042018	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW140	18 Jun 2018	MW140_GW_180618	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	04 Dec 2018	0908_MW140_18124	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	13 May 2020	0908_MW140_200513	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	12 May 2021	0908_MW140_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	16 May 2022	0908_MW140_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW140	18 May 2023	0908_MW140_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	07 Feb 2017	MW146D_A_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	20 Nov 2018	0908_MW146D_A_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	21 May 2019	0908_MW146D_A_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	06 Nov 2019	0908_MW146D_A_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	26 Nov 2020	0908_MW146A_D_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	13 May 2021	0908_MW146AD_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	13 May 2021	0908_QC102_210513	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	09 Nov 2021	0908_MW146AD_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	31 May 2022	0908_MW146AD_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	09 Nov 2022	0908_MW146AD_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	09 May 2023	0908_MW146AD_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146AD	23 Nov 2023	0908_MW146AD_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	03 Feb 2016	MW146S_03022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW146S	20 Dec 2016	MW146S_GW_20122016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	26 Mar 2018	MW146S_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	20 Nov 2018	0908_MW146S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	21 May 2019	0908_MW146S_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	06 Nov 2019	0908_MW146S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	20 May 2020	0908_MW146S_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	26 Nov 2020	0908_MW146_S_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	09 Nov 2021	0908_MW146S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	09 Nov 2022	0908_MW146S_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	09 May 2023	0908_MW146S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW146S	24 Nov 2023	0908_MW146S_231124	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147D	04 Mar 2016	MW147D_04032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW147D	02 Feb 2017	MW147D_GW_02022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW147D	17 Apr 2018	MW147D_GW_17042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW147D	04 Jun 2019	0908_MW147D_190604	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW147D	28 May 2020	0908_MW147D_200528	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147D	27 May 2021	0908_MW147D_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147D	17 May 2022	0908_MW147D_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147D	15 May 2023	0908_MW147D_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147S	04 Mar 2016	MW147S_04032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.5	-	<0.05
MW147S	02 Feb 2017	MW147S_GW_02022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW147S	09 Apr 2018	MW147S_GW_09042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	*0.07*	0.18	**0.25**	0.33	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW147S	04 Jun 2019	0908_MW147S_190604	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW147S	28 May 2020	0908_MW147S_200528	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.03*	0.06	**0.09**	0.18	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147S	27 May 2021	0908_MW147S_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.07	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147S	17 May 2022	0908_MW147S_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.01	*0.03*	0.13	**0.16**	0.25	<0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW147S	15 May 2023	0908_MW147S_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	*0.03*	0.08	**0.11**	0.18	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW150D	07 Feb 2017	MW150D_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.04	*0.15*	1.24	**1.39**	2.37	0.11	0.13	0.04	<0.02	0.4	0.06	0.18	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW150D	10 May 2023	0908_MW150D_230510	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.06	*0.25*	1.81	**2.06**	2.96	0.18	0.22	0.06	<0.02	<0.1	0.06	0.28	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW150S	01 Feb 2016	MW150_01022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.04*	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW150S	07 Feb 2017	MW150S_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.2*	0.05	**0.25**	0.35	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW150S	10 May 2023	0908_MW150S_230510	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.03*	0.01	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	21 Jan 2016	MW155_21012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.31*	-	**0.31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW155	07 Sep 2016	MW155_070916	Normal	NSW_0908_PFAS	On Base	-	0.02	*1.1*	0.3	**1.4**	1.42	<0.01	-	-	<0.01	<0.05	0.03	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW155	19 Oct 2016	MW155_191016	Normal	NSW_0908_PFAS	On Base	-	0.01	*1.2*	0.21	**1.41**	1.42	<0.01	-	-	<0.01	<0.05	0.03	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW155	12 Jan 2017	MW155_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*1.5*	0.22	**1.72**	1.74	<0.01	-	-	<0.01	<0.05	0.03	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW155	13 Jan 2017	MW155_D_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.01	*1.1*	0.19	**1.29**	1.3	<0.01	-	-	<0.01	<0.05	0.03	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW155	01 Feb 2017	MW155_GW_010217	Normal	NSW_0908_PFAS	On Base	-	0.09	*0.67*	0.07	**0.74**	1.24	<0.05	<0.05	<0.05	<0.05	<0.1	0.15	0.1	0.09	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	20 Apr 2018	MW155_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.69*	0.39	**1.08**	1.2	<0.02	0.03	<0.02	<0.02	<0.1	0.04	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	21 Nov 2018	0908_MW155_181121	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.64*	0.35	**0.99**	1.1	<0.02	<0.02	<0.02	<0.02	<0.1	0.04	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	28 May 2019	0908_MW155_190528	Normal	NSW_0908_PFAS	On Base	-	<0.01	*1.26*	0.25	**1.51**	1.61	<0.02	<0.02	<0.02	<0.02	<0.1	0.06	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	12 May 2020	0908_MW155_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.87*	0.37	**1.24**	1.51	<0.02	0.02	<0.02	<0.02	0.1	0.09	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	24 May 2021	0908_MW155_210524	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.61*	0.47	**1.08**	1.81	<0.02	<0.02	0.02	<0.02	0.3	0.2	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	08 May 2023	0908_MW155_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	0.08	*1.23*	0.2	**1.43**	2.11	<0.02	<0.02	<0.02	<0.02	0.2	0.2	0.12	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	09 Feb 2016	MW156D_09022016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW156D	24 Aug 2016	MW156D_240816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	<0.01	0.04	0.04	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW156D	19 Oct 2016	MW156D_191016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<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	<0.05	<0.01	-
MW156D	20 Dec 2016	MW156D_GW_20122016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	12 Jan 2017	MW156D_GW_12012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	13 Jan 2017	MW156D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	<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	<0.05	<0.01	-
MW156D	03 May 2017	MW156D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<2	<0.05	<0.01
MW156D	03 Apr 2018	MW156D_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	28 Jun 2018	0908_MW156D_180628	Normal	NSW_0908_Stage2	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	21 Nov 2018	0908_MW156D_181121	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	27 May 2019	0908_MW156D_190527	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	04 Nov 2019	0908_MW156D_191104	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	12 May 2020	0908_MW156D_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	17 Nov 2020	0908_MW156_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	14 May 2021	0908_MW156D_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	08 Nov 2021	0908_MW156D_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	24 May 2022	0908_MW156D_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	08 Nov 2022	0908_MW156D_221108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	08 May 2023	0908_MW156D_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	23 Nov 2023	0908_MW156D_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	23 Nov 2023	0908_QC112_231123	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	23 Nov 2023	0908_QC212_231123	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.02	<0.02	<0.02
MW158D	31 Jan 2017	MW158D_GW_31012017	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158D	22 May 2019	0908_MW158D_190522	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158D	21 May 2020	0908_MW158D_200521	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158D	14 May 2021	0908_MW158D_210514	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158D	01 Jun 2022	0908_MW158D_220601	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158D	01 Jun 2022	0908_QC120_220601	Field_D	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW147D	28 May 2020	0908_MW147D_200528	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147D	27 May 2021	0908_MW147D_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147D	17 May 2022	0908_MW147D_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147D	15 May 2023	0908_MW147D_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147S	04 Mar 2016	MW147S_04032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW147S	02 Feb 2017	MW147S_GW_02022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW147S	09 Apr 2018	MW147S_GW_09042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW147S	04 Jun 2019	0908_MW147S_190604	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW147S	28 May 2020	0908_MW147S_200528	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147S	27 May 2021	0908_MW147S_210527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147S	17 May 2022	0908_MW147S_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW147S	15 May 2023	0908_MW147S_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW150D	07 Feb 2017	MW150D_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW150D	10 May 2023	0908_MW150D_230510	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW150S	01 Feb 2016	MW150_01022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW150S	07 Feb 2017	MW150S_GW_07022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW150S	10 May 2023	0908_MW150S_230510	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW155	21 Jan 2016	MW155_21012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW155	07 Sep 2016	MW155_070916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW155	19 Oct 2016	MW155_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW155	12 Jan 2017	MW155_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW155	13 Jan 2017	MW155_D_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW155	01 Feb 2017	MW155_GW_010217	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW155	20 Apr 2018	MW155_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW155	21 Nov 2018	0908_MW155_181121	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW155	28 May 2019	0908_MW155_190528	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW155	12 May 2020	0908_MW155_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW155	24 May 2021	0908_MW155_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW155	08 May 2023	0908_MW155_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	09 Feb 2016	MW156D_09022016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW156D	24 Aug 2016	MW156D_240816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW156D	19 Oct 2016	MW156D_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW156D	20 Dec 2016	MW156D_GW_20122016	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	12 Jan 2017	MW156D_GW_12012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	13 Jan 2017	MW156D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW156D	03 May 2017	MW156D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW156D	03 Apr 2018	MW156D_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	28 Jun 2018	0908_MW156D_180628	Normal	NSW_0908_Stage2	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	21 Nov 2018	0908_MW156D_181121	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	27 May 2019	0908_MW156D_190527	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	04 Nov 2019	0908_MW156D_191104	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	12 May 2020	0908_MW156D_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	17 Nov 2020	0908_MW156_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	14 May 2021	0908_MW156D_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	08 Nov 2021	0908_MW156D_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	24 May 2022	0908_MW156D_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	08 Nov 2022	0908_MW156D_221108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	08 May 2023	0908_MW156D_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	23 Nov 2023	0908_MW156D_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	23 Nov 2023	0908_QC112_231123	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW156D	23 Nov 2023	0908_QC212_231123	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW158D	31 Jan 2017	MW158D_GW_31012017	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158D	22 May 2019	0908_MW158D_190522	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158D	21 May 2020	0908_MW158D_200521	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158D	14 May 2021	0908_MW158D_210514	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158D	01 Jun 2022	0908_MW158D_220601	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158D	01 Jun 2022	0908_QC120_220601	Field_D	NSW_0908_PFASOMP	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW158D	08 May 2023	0908_MW158D_230508	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW158S	07 Mar 2016	MW158_07032016	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW158S	31 Jan 2017	MW158_GW_31012017	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158S	22 May 2019	0908_MW158S_190522	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158S	21 May 2020	0908_MW158S_200521	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158S	24 May 2021	0908_MW158S_210524	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158S	01 Jun 2022	0908_MW158S_220601	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW158S	01 Jun 2022	0908_QC220_220601	Interlab_D	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW158S	08 May 2023	0908_MW158S_230508	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	31 Jan 2017	MW159D_GW_31012017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	27 Apr 2018	MW159D_GW_27042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	21 Nov 2018	0908_MW159D_181121	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	21 Nov 2018	0908_QC103_181121	Field_D	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	23 May 2019	0908_MW159D_190523	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	0.09	<0.02	<0.02	<0.02	<0.02	<0.1	0.04	0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	23 May 2019	0908_MW159D_190523	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	0.06	<0.02	<0.02	<0.02	<0.02	<0.1	0.04	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	14 May 2020	0908_MW159D_200514	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	19 May 2021	0908_MW159D_210519	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	01 Jun 2022	0908_MW159D_220601	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159D	11 May 2023	0908_MW159D_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	09 Feb 2016	MW159_09022016	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	*0.03*	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW159S	09 Feb 2016	QC131_WG_09022016	Field_D	NSW_0908_PFAS	Broader Management Zone	-	<0.01	*0.02*	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW159S	31 Jan 2017	MW159_GW_31012017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	27 Apr 2018	MW159S_GW_27042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	21 Nov 2018	0908_MW159S_181121	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	23 May 2019	0908_MW159S_190523	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	14 May 2020	0908_MW159S_200514	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	19 May 2021	0908_MW159S_210519	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	01 Jun 2022	0908_MW159S_220601	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW159S	11 May 2023	0908_MW159S_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	07 Mar 2016	MW160_07032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW160	30 Jan 2017	MW160_GW_30012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	27 Apr 2018	MW160_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	21 Nov 2018	0908_MW160_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	06 Nov 2019	0908_MW160_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.02	*3.11*	0.19	**3.3**	3.39	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	14 May 2020	0908_MW160_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	17 Nov 2020	0908_MW160_201117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	24 May 2021	0908_MW160_210524	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	0.03	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	15 Nov 2021	0908_MW160_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	15 Nov 2021	0908_QC206_211115	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.02	0.02	0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW160	31 May 2022	0908_MW160_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	31 May 2022	0908_QC119_220531	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	0.04	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	08 Nov 2022	0908_MW160_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	11 May 2023	0908_MW160_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW160	23 Nov 2023	0908_MW160_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW161D	26 Feb 2016	MW161D_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.04*	0.02	0.06	0.06	<0.02	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-	-
MW161D	26 Feb 2016	MW161D_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*0.13*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW161D	08 Feb 2017	MW161D_GW_08022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.14	*3.78*	1.8	**5.58**	6.65	0.13	0.17	0.16	<0.02	<0.1	0.05	0.29	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW161D	30 May 2019	0908_MW161D_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.08	*2.85*	1.03	**3.88**	4.55	0.09	0.1	0.1	<0.02	<0.1	0.05	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161D	21 May 2020	0908_MW161D_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.06	*2.22*	1.01	**3.23**	3.85	0.1	0.09	0.06	<0.02	<0.1	0.06	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161D	26 May 2021	0908_MW161D_210526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.05	*1.6*	0.86	**2.46**	2.97	0.07	0.08	0.06	<0.02	<0.1	0.05	0.18	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161D	01 Jun 2022	0908_MW161D_220601	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.06	*1.94*	0.85	**2.79**	3.3	0.06	0.09	0.08	<0.02	<0.1	0.04	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161D	11 May 2023	0908_MW161D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.05	*1.89*	0.74	**2.63**	3.11	0.06	0.08	0.06	<0.02	<0.1	0.05	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161S	26 Feb 2016	MW161S_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.04	*2.26*	1.32	**3.58**	3.62	0.13	-	-	<0.02	-	-	0.23	0.04	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-	-
MW161S	26 Feb 2016	MW161S_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.07	*2.98*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW161S	08 Feb 2017	MW161S_GW_08022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.08	*2.66*	1.4	**4.06**	4.75	0.09	0.11	0.06	<0.02	<0.1	0.06	0.19	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW161S	30 May 2019	0908_MW161S_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	*1.91*	1.09	**3**	3.24	0.03	0.04	0.05	<0.02	<0.1	0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161S	21 May 2020	0908_MW161S_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.06	*2.39*	1.22	**3.61**	4.28	0.12	0.1	0.07	<0.02	<0.1	0.06	0.23	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW158D	08 May 2023	0908_MW158D_230508	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158S	07 Mar 2016	MW158_07032016	Normal	NSW_0908_PFAS	Other: (Background)	-	-	-	-	-	-	-	-
MW158S	31 Jan 2017	MW158_GW_31012017	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158S	22 May 2019	0908_MW158S_190522	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158S	21 May 2020	0908_MW158S_200521	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158S	24 May 2021	0908_MW158S_210524	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158S	01 Jun 2022	0908_MW158S_220601	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW158S	01 Jun 2022	0908_QC220_220601	Interlab_D	NSW_0908_PFASOMP	Other: (Background)	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW158S	08 May 2023	0908_MW158S_230508	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	31 Jan 2017	MW159D_GW_31012017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	27 Apr 2018	MW159D_GW_27042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	21 Nov 2018	0908_MW159D_181121	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	21 Nov 2018	0908_QC103_181121	Field_D	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	23 May 2019	0908_MW159D_190523	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	23 May 2019	0908_MW159D_190523	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	14 May 2020	0908_MW159D_200514	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	19 May 2021	0908_MW159D_210519	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	01 Jun 2022	0908_MW159D_220601	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159D	11 May 2023	0908_MW159D_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	09 Feb 2016	MW159_09022016	Normal	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	-	-	-	-
MW159S	09 Feb 2016	QC131_WG_09022016	Field_D	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	-	-	-	-
MW159S	31 Jan 2017	MW159_GW_31012017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	27 Apr 2018	MW159S_GW_27042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	21 Nov 2018	0908_MW159S_181121	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	23 May 2019	0908_MW159S_190523	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	14 May 2020	0908_MW159S_200514	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	19 May 2021	0908_MW159S_210519	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	01 Jun 2022	0908_MW159S_220601	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW159S	11 May 2023	0908_MW159S_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	07 Mar 2016	MW160_07032016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW160	30 Jan 2017	MW160_GW_30012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	27 Apr 2018	MW160_GW_27042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	21 Nov 2018	0908_MW160_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	06 Nov 2019	0908_MW160_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	14 May 2020	0908_MW160_200514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	17 Nov 2020	0908_MW160_201117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	24 May 2021	0908_MW160_210524	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	15 Nov 2021	0908_MW160_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	15 Nov 2021	0908_QC206_211115	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW160	31 May 2022	0908_MW160_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	31 May 2022	0908_QC119_220531	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	08 Nov 2022	0908_MW160_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	11 May 2023	0908_MW160_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW160	23 Nov 2023	0908_MW160_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161D	26 Feb 2016	MW161D_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW161D	26 Feb 2016	MW161D_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW161D	08 Feb 2017	MW161D_GW_08022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161D	30 May 2019	0908_MW161D_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161D	21 May 2020	0908_MW161D_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161D	26 May 2021	0908_MW161D_210526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161D	01 Jun 2022	0908_MW161D_220601	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161D	11 May 2023	0908_MW161D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161S	26 Feb 2016	MW161S_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW161S	26 Feb 2016	MW161S_26022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW161S	08 Feb 2017	MW161S_GW_08022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161S	30 May 2019	0908_MW161S_190530	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161S	21 May 2020	0908_MW161S_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids					PFAS - Perfluoroalkyl Carboxylic Acids											PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																				
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																						
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																								
MW161S	26 May 2021	0908_MW161S_210526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.05	*3.64*	0.96	**4.6**	5.14	0.06	0.08	0.08	<0.02	<0.1	0.05	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161S	01 Jun 2022	0908_MW161S_220601	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.07	*2.39*	0.84	**3.23**	3.74	0.05	0.07	0.09	<0.02	<0.1	0.04	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW161S	11 May 2023	0908_MW161S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.04	*1.84*	0.72	**2.56**	2.91	0.03	0.04	0.04	<0.02	<0.1	0.04	0.12	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	29 Jan 2016	MW162D_29012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW162D	10 Jan 2017	MW162D_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	27 Mar 2018	MW162D_GW_27032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	20 Nov 2018	0908_MW162D_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	22 May 2019	0908_MW162D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	04 Nov 2019	0908_MW162D_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	18 May 2020	0908_MW162D_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	23 Nov 2020	0908_MW162_D_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	18 May 2021	0908_MW162D_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	18 May 2021	0908_QC104_210518	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	12 Nov 2021	0908_MW162D_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	18 May 2022	0908_MW162D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	18 May 2022	0908_QC208_220518	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW162D	07 Nov 2022	0908_MW162D_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	09 May 2023	0908_MW162D_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	09 May 2023	0908_QC215_230509	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW162D	21 Nov 2023	0908_MW162D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	21 Nov 2023	0908_QC100_231121	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162D	21 Nov 2023	0908_QC200_231121	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.01	<0.02	<0.02
MW162S	29 Jan 2016	MW162S_29012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW162S	10 Jan 2017	MW162S_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	27 Mar 2018	MW162S_GW_27032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	21 Nov 2018	0908_MW162S_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	22 May 2019	0908_MW162S_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	04 Nov 2019	0908_MW162S_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	18 May 2020	0908_MW162S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	23 Nov 2020	0908_MW162_S_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	18 May 2021	0908_MW162S_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	12 Nov 2021	0908_MW162S_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	18 May 2022	0908_MW162S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	18 May 2022	0908_QC108_220518	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	07 Nov 2022	0908_MW162S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	09 May 2023	0908_MW162S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	09 May 2023	0908_QC115_230509	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW162S	21 Nov 2023	0908_MW162S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	05 Feb 2016	MW163_05022016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW163	07 Feb 2017	MW163_GW_070217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	10 Apr 2018	MW163_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW163	26 Nov 2018	0908_MW163_181126	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	27 May 2019	0908_MW163_190527	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW163	01 Nov 2019	0908_MW163_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW163	18 May 2020	0908_MW163_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	25 Nov 2020	0908_MW163_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	20 May 2021	0908_MW163_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	11 Nov 2021	0908_MW163_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	11 Nov 2021	0908_QC204_211111	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW163	19 May 2022	0908_MW163_220519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	07 Nov 2022	0908_MW163_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	09 May 2023	0908_MW163_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW163	28 Nov 2023	0908_MW163_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	13 Jan 2016	MW166_13012016	Normal	NSW_0908_PFAS	On Base	-	0.07	*27.4*	-	**27.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW166	01 Sep 2016	MW166_010916	Normal	NSW_0908_PFAS	On Base	-	0.06	*28*	0.78	**28.78**	28.84	0.09	-	-	<0.01	<0.05	0.03	0.16	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW166	01 Sep 2016	QC106_010916	Field_D	NSW_0908_PFAS	On Base	-	0.03	*13*	0.35	**13.35**	13.38	0.04	-	-	<0.01	<0.05	0.02	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW166	12 Oct 2016	MW166_121016	Normal	NSW_0908_PFAS	On Base	-	0.04	*20*	0.68	**20.68**	20.72	<0.01	-	-	<0.01	<0.05	<0.01	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW161S	26 May 2021	0908_MW161S_210526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.04	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161S	01 Jun 2022	0908_MW161S_220601	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW161S	11 May 2023	0908_MW161S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	29 Jan 2016	MW162D_29012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW162D	10 Jan 2017	MW162D_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	27 Mar 2018	MW162D_GW_27032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	20 Nov 2018	0908_MW162D_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	22 May 2019	0908_MW162D_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	04 Nov 2019	0908_MW162D_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	18 May 2020	0908_MW162D_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	23 Nov 2020	0908_MW162_D_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	18 May 2021	0908_MW162D_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	18 May 2021	0908_QC104_210518	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	12 Nov 2021	0908_MW162D_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	18 May 2022	0908_MW162D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	18 May 2022	0908_QC208_220518	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW162D	07 Nov 2022	0908_MW162D_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	09 May 2023	0908_MW162D_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	09 May 2023	0908_QC215_230509	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW162D	21 Nov 2023	0908_MW162D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	21 Nov 2023	0908_QC100_231121	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162D	21 Nov 2023	0908_QC200_231121	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW162S	29 Jan 2016	MW162S_29012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW162S	10 Jan 2017	MW162S_GW_10012017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	27 Mar 2018	MW162S_GW_27032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	21 Nov 2018	0908_MW162S_181121	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	22 May 2019	0908_MW162S_190522	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	04 Nov 2019	0908_MW162S_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	18 May 2020	0908_MW162S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	23 Nov 2020	0908_MW162_S_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	18 May 2021	0908_MW162S_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	12 Nov 2021	0908_MW162S_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	18 May 2022	0908_MW162S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	18 May 2022	0908_QC108_220518	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	07 Nov 2022	0908_MW162S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	09 May 2023	0908_MW162S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	09 May 2023	0908_QC115_230509	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW162S	21 Nov 2023	0908_MW162S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	05 Feb 2016	MW163_05022016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	-	-	-	-	-	-	-
MW163	07 Feb 2017	MW163_GW_070217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	10 Apr 2018	MW163_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW163	26 Nov 2018	0908_MW163_181126	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	27 May 2019	0908_MW163_190527	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW163	01 Nov 2019	0908_MW163_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW163	18 May 2020	0908_MW163_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	25 Nov 2020	0908_MW163_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	20 May 2021	0908_MW163_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	11 Nov 2021	0908_MW163_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	11 Nov 2021	0908_QC204_211111	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW163	19 May 2022	0908_MW163_220519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	07 Nov 2022	0908_MW163_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	09 May 2023	0908_MW163_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW163	28 Nov 2023	0908_MW163_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	13 Jan 2016	MW166_13012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW166	01 Sep 2016	MW166_010916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW166	01 Sep 2016	QC106_010916	Field_D	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW166	12 Oct 2016	MW166_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW166	17 Jan 2017	MW166_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.4	*120*	6.2	**126.2**	126.6	0.16	-	-	<0.04	0.06	0.1	0.9	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.2	<0.04	-
MW166	17 Jan 2017	MW166_170117	Normal	NSW_0908_PFAS	On Base	-	0.4	*120*	6.2	**126.2**	126.6	0.16	-	-	<0.01	0.06	0.1	0.9	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW166	17 Jan 2017	MW166_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	0.1	*21.3*	0.62	**21.9**	22.4	0.04	0.07	0.08	<0.02	<0.1	0.03	0.14	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	17 Jan 2017	MW166_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**21.92**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW166	03 May 2017	MW166_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.06	*12*	0.52	**12.52**	12.58	0.03	0.03	0.06	<0.01	<0.05	0.03	0.09	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW166	04 Apr 2018	MW166_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	0.05	*23.5*	0.68	**24.2**	24.5	0.04	0.04	0.05	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	04 Apr 2018	MW166_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**24.18**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW166	29 Nov 2018	0908_MW166_181129	Normal	NSW_0908_PFAS	On Base	-	0.03	*17.8*	0.3	**18.1**	18.2	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	01 Apr 2019	0908_MW166_190401	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*17.6*	0.26	**17.9**	18	<0.02	<0.02	0.06	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	20 Jun 2019	0908_MW166_190620	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*14.3*	0.28	**14.6**	14.7	<0.02	<0.02	0.05	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	24 Sep 2019	0908_MW166_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*18.2*	0.32	**18.5**	18.7	0.02	0.03	0.05	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	06 Nov 2019	0908_MW166_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*14.6*	0.35	**15**	15.2	0.04	0.03	0.05	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	29 Nov 2019	0908_MW166_191129	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*14.6*	0.25	**14.8**	15	0.02	0.02	0.04	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	13 Mar 2020	0908_MW166_200313	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*14.8*	0.42	**15.2**	15.5	0.03	0.05	0.04	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	13 May 2020	0908_MW166_200513	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*17.6*	0.28	**17.9**	18.1	0.02	0.04	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	16 Nov 2020	0908_MW166_201116	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*15.2*	0.43	**15.6**	15.8	0.04	0.04	0.03	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	18 May 2021	0908_MW166_210518	Normal	NSW_0908_PFASOMP	On Base	-	0.11	*12.1*	2.26	**14.4**	14.9	0.04	0.06	0.08	<0.02	<0.1	0.03	0.21	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	18 Nov 2021	0908_MW166_211118	Normal	NSW_0908_PFASMGMT	On Base	-	0.05	*13.7*	0.82	**14.5**	14.8	0.02	0.03	0.05	<0.02	<0.1	<0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	18 Nov 2021	0908_MW166_211118	Normal	NSW_0908_PFASOMP	On Base	-	0.05	*14*	0.89	**14.9**	15.2	0.02	0.04	0.06	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	25 May 2022	0908_MW166_220525	Normal	NSW_0908_PFASMGMT	On Base	-	0.11	*14.5*	1.33	**15.8**	16.6	0.03	0.04	0.07	<0.02	<0.1	0.07	0.39	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	25 May 2022	0908_MW166_220525	Normal	NSW_0908_PFASOMP	On Base	-	0.09	*12.6*	1.02	**13.6**	14	0.02	0.04	0.07	<0.02	<0.1	0.03	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	09 Nov 2022	0908_MW166_221109	Normal	NSW_0908_PFASOMP	On Base	-	0.08	*6.74*	0.84	**7.58**	7.95	<0.02	0.02	0.08	<0.02	<0.1	0.03	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	10 May 2023	0908_MW166_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.05	*18.6*	0.27	**18.9**	19	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	22 Nov 2023	0908_MW166_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.02	*8.45*	0.11	**8.56**	8.65	<0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	13 Jan 2016	MW167_13012016	Normal	NSW_0908_PFAS	On Base	-	**0.61**	*164*	10.3	**174.3**	174.91	0.77	-	-	<0.02	-	-	3.05	0.17	0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW167	01 Sep 2016	MW167_010916	Normal	NSW_0908_PFAS	On Base	-	**1.6**	*120*	24	**144**	145.6	<0.01	-	-	<0.01	<0.05	<0.01	5.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW167	01 Sep 2016	QC108_010916	Field_D	NSW_0908_PFAS	On Base	-	**1.9**	*150*	27	**177**	178.9	1.2	-	-	<0.01	<0.05	<0.01	6.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW167	12 Oct 2016	MW167_121016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*110*	19	**129**	129	<0.01	-	-	<0.01	<0.05	<0.01	3.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW167	17 Jan 2017	MW167_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	**3.4**	*240*	32	**272**	275.4	<3	-	-	<3	<15	<3	4.7	<3	<3	<3	<3	<3	<3	<3	<3	<15	6.1	-
MW167	17 Jan 2017	MW167_170117	Normal	NSW_0908_PFAS	On Base	-	**3.4**	*240*	32	**272**	275.4	<0.01	-	-	<0.01	<0.05	<0.01	4.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	6.1	-
MW167	17 Jan 2017	MW167_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	**4.31**	*276*	26.5	**302**	322	1.26	2.39	2.26	<0.02	<0.1	1.19	7.41	0.95	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	17 Jan 2017	MW167_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**302.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	18 Jan 2017	MW167_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	**5.58**	*440*	82.5	**522**	547	2.1	2.7	3.28	<0.02	<0.1	1.33	8.74	0.95	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	18 Jan 2017	MW167_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**522.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	03 May 2017	MW167_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	**3.3**	*150*	26	**176**	179.3	2.1	2.5	2.6	1.7	1.5	1.7	5.6	2.1	1.7	1.6	1.8	1.6	1.5	2	1.4	1.7	1.5	1.2
MW167	03 May 2017	QC102_030517	Field_D	ACTNSW_Hist_202012-3	On Base	-	**2.3**	*240*	31	**271**	273.3	1.1	1.7	1.4	<0.3	0.46	0.84	5.2	0.96	<0.3	<0.3	<0.3	<0.3	0.22	<0.3	<0.3	0.32	<0.3	<0.3
MW167	23 Nov 2017	0908_MW167_231117	Normal	NSW_0908_PFAS	On Base	-	**5.24**	*426*	37.5	**464**	487	0.71	1.39	8.82	<0.02	0.2	0.63	5.25	0.7	0.13	0.04	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	23 Nov 2017	0908_MW167_231117	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**463.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	23 Nov 2017	0908_QC100_231117	Field_D	NSW_0908_PFAS	On Base	-	**5.25**	*358*	37.9	**396**	418	0.68	1.48	7.86	<0.02	0.1	0.59	4.98	0.68	0.14	0.04	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	23 Nov 2017	0908_QC100_231117	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	**395.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	18 Apr 2018	MW167_GW_18042018	Normal	NSW_0908_PFAS	On Base	-	**3.02**	*465*	30.6	**496**	514	1.22	1.89	2.8	<0.1	<0.5	0.65	8.02	0.55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1
MW167	18 Apr 2018	MW167_GW_18042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**495.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	08 Aug 2018	0908_MW167_180808	Normal	NSW_0908_PFASMGMT	On Base	-	**0.87**	*102*	6.67	**109**	113	0.22	0.33	1.16	<0.02	<0.1	0.22	1.02	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	04 Sep 2018	0908_MW167_180905	Normal	NSW_0908_PFASMGMT	On Base	-	**1.91**	*274*	16.4	**290**	300	0.55	1	1.35	<0.10	<0.5	0.34	4.4	0.45	<0.10	<0.10	<0.10	<0.10	<0.10	<0.25	<0.10	<0.10	<0.10	<0.10
MW167	02 Oct 2018	0908_MW167_181002	Normal	NSW_0908_PFASMGMT	On Base	-	**6.85**	*522*	25.4	**547**	576	1.39	2.28	8.07	<0.02	0.5	1.36	7.55	0.87	0.15	0.04	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	29 Nov 2018	0908_MW167_181129	Normal	NSW_0908_PFAS	On Base	-	**4.56**	*372*	26.4	**398**	415	0.63	0.86	6.06	<0.02	0.2	0.54	3.28	0.59	0.08	0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	29 Nov 2018	0908_MW167_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**398.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	29 Nov 2018	0908_QC107_181129	Field_D	NSW_0908_PFAS	On Base	-	**3.95**	*346*	25.8	**372**	387	0.59	0.82	5.28	<0.02	0.2	0.48	3.08	0.56	0.07	0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	29 Nov 2018	0908_QC107_181129	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	**371.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	22 Jan 2019	0908_MW167_190122	Normal	NSW_0908_PFASMGMT	On Base	-	**2.46**	*490*	16.4	**506**	517	0.71	0.94	2.3	<0.02	<0.1	0.4	3.24	0.5	0.09	0.03	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	02 Apr 2019	0908_MW167_190402	Normal	NSW_0908_PFASMGMT	On Base	-	**1.63**	*546*	17.2	**563**	576	0.85	0.72	4.23	<0.02	0.2	0.43	3.77	0.46	0.1	0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	30 May 2019	0908_MW167_190530	Normal	NSW_0908_PFAS	On Base	-	**1.25**	*391*	11.3	**402**	407	0.31	0.46	0.77	0.04	<0.1	0.26	1.63	0.24	0.05	0.03	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	30 May 2019	0908_MW167_190530	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**402.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW167	19 Jun 2019	0908_MW167_190619	Normal	NSW_0908_PFASMGMT	On Base	-	**0.9**	*412*	9.44	**421**	425	0.22	0.48	0.6	<0.02	<0.1	0.17	1.08	0.18	<0.02	0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	23 Sep 2019	0908_QC200_190923	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.092	*4.9*	1.8	**6.7**	6.792	0.063	0.097	0.053	<0.01	<0.05	0.026	0.16	0.032	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW167	24 Sep 2019	0908_MW167_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.56	*219*	3.56	**222**	224	0.12	0.19	0.42	<0.02	<0.1	0.06	0.35	0.07	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	24 Sep 2019	0908_QC101_190924	Field_D	NSW_0908_PFASMGMT	On Base	-	**0.74**	*199*	4.36	**203**	206	0.15	0.21	0.48	<0.02	<0.1	0.06	0.44	0.08	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW166	17 Jan 2017	MW166_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW166	17 Jan 2017	MW166_170117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW166	17 Jan 2017	MW166_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	17 Jan 2017	MW166_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW166	03 May 2017	MW166_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW166	04 Apr 2018	MW166_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	04 Apr 2018	MW166_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW166	29 Nov 2018	0908_MW166_181129	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	01 Apr 2019	0908_MW166_190401	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	20 Jun 2019	0908_MW166_190620	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	24 Sep 2019	0908_MW166_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	06 Nov 2019	0908_MW166_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	29 Nov 2019	0908_MW166_191129	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	13 Mar 2020	0908_MW166_200313	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	13 May 2020	0908_MW166_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	16 Nov 2020	0908_MW166_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	18 May 2021	0908_MW166_210518	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	18 Nov 2021	0908_MW166_211118	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	18 Nov 2021	0908_MW166_211118	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	25 May 2022	0908_MW166_220525	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	25 May 2022	0908_MW166_220525	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	09 Nov 2022	0908_MW166_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	10 May 2023	0908_MW166_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW166	22 Nov 2023	0908_MW166_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	13 Jan 2016	MW167_13012016	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW167	01 Sep 2016	MW167_010916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW167	01 Sep 2016	QC108_010916	Field_D	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW167	12 Oct 2016	MW167_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW167	17 Jan 2017	MW167_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	<15	-	<15	-	-	<15	-
MW167	17 Jan 2017	MW167_170117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW167	17 Jan 2017	MW167_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	17 Jan 2017	MW167_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	18 Jan 2017	MW167_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	18 Jan 2017	MW167_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	03 May 2017	MW167_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<1.5	<1.5	<0.3	<1.5	<1.5	<1.5	<1.5
MW167	03 May 2017	QC102_030517	Field_D	ACTNSW_Hist_202012-3	On Base	-	<1.5	<1.5	<0.3	<1.5	<1.5	<1.5	<1.5
MW167	23 Nov 2017	0908_MW167_231117	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	23 Nov 2017	0908_MW167_231117	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	23 Nov 2017	0908_QC100_231117	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	23 Nov 2017	0908_QC100_231117	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	18 Apr 2018	MW167_GW_18042018	Normal	NSW_0908_PFAS	On Base	-	<0.1	<0.25	<0.1	<0.25	<0.25	<0.1	<0.25
MW167	18 Apr 2018	MW167_GW_18042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	08 Aug 2018	0908_MW167_180808	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	04 Sep 2018	0908_MW167_180905	Normal	NSW_0908_PFASMGMT	On Base	-	<0.10	<0.25	<0.10	<0.25	<0.25	<0.10	<0.25
MW167	02 Oct 2018	0908_MW167_181002	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	29 Nov 2018	0908_MW167_181129	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	29 Nov 2018	0908_MW167_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	29 Nov 2018	0908_QC107_181129	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	29 Nov 2018	0908_QC107_181129	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	22 Jan 2019	0908_MW167_190122	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	02 Apr 2019	0908_MW167_190402	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	30 May 2019	0908_MW167_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	30 May 2019	0908_MW167_190530	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW167	19 Jun 2019	0908_MW167_190619	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	23 Sep 2019	0908_QC200_190923	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW167	24 Sep 2019	0908_MW167_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	24 Sep 2019	0908_QC101_190924	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW167	06 Nov 2019	0908_MW167_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.54	*158*	2.18	**160**	162	0.09	0.13	0.26	<0.02	<0.1	0.05	0.28	0.05	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	29 Nov 2019	0908_MW167_191129	Normal	NSW_0908_PFASMGMT	On Base	-	**0.57**	*200*	2.01	**202**	203	0.08	0.1	0.38	<0.02	<0.1	0.02	0.26	0.04	0.03	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	16 Mar 2020	0908_MW167_200316	Normal	NSW_0908_PFASMGMT	On Base	-	**0.66**	*196*	2.03	**198**	200	0.08	0.1	0.52	<0.05	<0.2	<0.05	0.22	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW167	13 May 2020	0908_MW167_200513	Normal	NSW_0908_PFASOMP	On Base	-	0.53	*161*	2.13	**163**	165	0.05	0.32	0.47	<0.02	<0.1	0.04	0.46	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	13 May 2020	0908_QC101_200513	Field_D	NSW_0908_PFASOMP	On Base	-	**0.57**	*172*	2.19	**174**	176	0.06	0.32	0.48	<0.02	<0.1	0.04	0.46	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	13 May 2020	0908_QC201_200513	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.39	*110*	1.5	**111.5**	111.89	0.045	0.082	0.3	<0.01	<0.05	0.039	0.34	0.03	0.015	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW167	16 Nov 2020	0908_MW167_201116	Normal	NSW_0908_PFASOMP	On Base	-	0.19	*72.1*	1.2	**73.3**	74	0.03	0.06	0.23	<0.02	<0.1	0.02	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	18 May 2021	0908_MW167_210518	Normal	NSW_0908_PFASOMP	On Base	-	0.24	*63.8*	1.21	**65**	65.9	0.04	0.08	0.2	<0.02	<0.1	0.05	0.29	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	18 Nov 2021	0908_MW167_211118	Normal	NSW_0908_PFASMGMT	On Base	-	0.08	*64.8*	0.58	**65.4**	65.7	<0.02	0.03	0.11	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	18 Nov 2021	0908_MW167_211118	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*45*	0.5	**45.5**	45.8	<0.02	0.03	0.15	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	25 May 2022	0908_MW167_220525	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*1.9*	0.27	**2.17**	2.27	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	25 May 2022	0908_MW167_220525	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*2.44*	0.31	**2.75**	2.83	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	21 Jun 2022	0908_MW167_220621	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*84.6*	0.11	**84.7**	84.8	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	09 Nov 2022	0908_MW167_221109	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*22.8*	0.18	**23**	23	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	10 May 2023	0908_MW167_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.02	*29.3*	0.41	**29.7**	29.8	0.02	0.05	0.02	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW167	22 Nov 2023	0908_MW167_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.05	*45.8*	0.56	**46.4**	46.7	0.03	0.03	0.03	<0.02	<0.1	0.02	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05
MW168	13 Jan 2016	MW168_13012016	Normal	NSW_0908_PFAS	On Base	-	0.18	*42.9*	-	**42.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW168	02 Sep 2016	MW168_020916	Normal	NSW_0908_PFAS	On Base	-	0.2	*48*	2.4	**50.4**	50.6	<0.01	-	-	<0.01	<0.05	0.04	0.35	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW168	02 Sep 2016	QC110_020916	Field_D	NSW_0908_PFAS	On Base	-	0.23	*61*	2.4	**63.4**	63.63	0.08	-	-	<0.01	<0.05	0.05	0.4	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW168	12 Oct 2016	MW168_121016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*31*	14	**45**	45	<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	<0.05	<0.01	-
MW168	17 Jan 2017	MW168_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.05	*20*	0.52	**20.52**	20.57	0.03	-	-	<0.04	<0.05	0.01	0.08	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	0.21	<0.04	-
MW168	17 Jan 2017	MW168_170117	Normal	NSW_0908_PFAS	On Base	-	0.05	*20*	0.52	**20.52**	20.57	0.03	-	-	<0.01	<0.05	0.01	0.08	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.21	<0.01	-
MW168	17 Jan 2017	MW168_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	0.56	*90.8*	3.63	**94.4**	97.2	0.11	0.22	0.38	0.14	<0.1	0.16	1	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	17 Jan 2017	MW168_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**94.43**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW168	03 May 2017	MW168_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.56	*59*	9.9	**68.9**	69.46	<0.01	0.53	0.36	<0.01	<0.05	0.15	1.9	0.35	0.02	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW168	23 Apr 2018	MW168_GW_23042018	Normal	NSW_0908_PFAS	On Base	-	0.3	*78.3*	4.91	**83.2**	85.6	0.1	0.18	0.36	0.16	<0.1	0.1	1.03	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	23 Apr 2018	MW168_GW_23042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**83.21**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW168	08 Aug 2018	0908_MW168_180808	Normal	NSW_0908_PFASMGMT	On Base	-	0.3	*29.5*	3.15	**32.6**	34.1	0.07	0.13	0.19	0.25	<0.1	0.06	0.38	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	03 Sep 2018	0908_MW168_180903	Normal	NSW_0908_PFASMGMT	On Base	-	**1.24**	*58.2*	15.5	**73.7**	78	0.15	0.34	0.49	0.14	<0.1	0.18	1.42	0.31	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW168	03 Sep 2018	0908_QC100_180903	Field_D	NSW_0908_PFASMGMT	On Base	-	**1.3**	*56.9*	14	**70.9**	75.4	0.14	0.36	0.47	0.16	<0.1	0.19	1.49	0.33	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW168	03 Sep 2018	0908_QC200-180903	Interlab_D	NSW_0908_PFASMGMT	On Base	-	**1**	*48*	10	**58**	59	0.14	0.26	0.18	<0.01	0.12	0.19	1.3	0.25	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.055	<0.01	<0.01
MW168	02 Oct 2018	0908_MW168_181002	Normal	NSW_0908_PFASMGMT	On Base	-	0.34	*75.5*	4.41	**79.9**	82.5	0.14	0.24	0.4	<0.02	<0.1	0.15	1.21	0.11	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	02 Oct 2018	0908_QC104_181002	Field_D	NSW_0908_PFASMGMT	On Base	-	0.35	*66.7*	4.68	**71.4**	74.1	0.14	0.23	0.44	<0.02	<0.1	0.16	1.22	0.12	0.03	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	02 Oct 2018	0908_QC204_181002	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.23	*61*	3	**64**	64.23	0.1	0.16	0.16	<0.01	<0.05	0.11	0.79	0.08	0.012	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.015	<0.01	<0.01
MW168	29 Nov 2018	0908_MW168_181129	Normal	NSW_0908_PFAS	On Base	-	0.08	*34.2*	1.36	**35.6**	36.3	0.04	0.08	0.08	<0.02	<0.1	0.04	0.37	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	29 Nov 2018	0908_MW168_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**35.56**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW168	29 Nov 2018	0908_QC108_181129	Field_D	NSW_0908_PFAS	On Base	-	0.25	*11.6*	3.75	**15.4**	17.6	0.3	0.34	0.22	<0.02	<0.1	0.19	0.83	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	29 Nov 2018	0908_QC108_181129	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	**15.35**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW168	22 Jan 2019	0908_MW168_190122	Normal	NSW_0908_PFASMGMT	On Base	-	0.1	*41.5*	3.07	**44.6**	45.9	0.1	0.16	0.12	<0.02	<0.1	0.06	0.71	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	01 Apr 2019	0908_MW168_190401	Normal	NSW_0908_PFASMGMT	On Base	-	0.11	*24.6*	2.25	**26.8**	27.4	0.06	0.07	0.1	<0.02	<0.1	0.02	0.19	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	31 May 2019	0908_MW168_190531	Normal	NSW_0908_PFAS	On Base	-	0.07	*23.3*	1.28	**24.58**	24.9	0.03	0.06	0.07	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	31 May 2019	0908_MW168_190531	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**24.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW168	20 Jun 2019	0908_MW168_190620	Normal	NSW_0908_PFASMGMT	On Base	-	0.09	*13.5*	1.53	**15**	15.5	0.06	0.09	0.09	<0.02	<0.1	<0.02	0.12	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	24 Sep 2019	0908_MW168S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.16	*25.9*	2.17	**28.1**	30.3	0.16	0.16	0.14	<0.02	<0.1	0.28	1.28	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	06 Nov 2019	0908_MW168_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.09	*19.6*	1.16	**20.8**	22.6	0.1	0.18	0.1	<0.02	<0.1	0.16	1.15	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	29 Nov 2019	0908_MW168_191129	Normal	NSW_0908_PFASMGMT	On Base	-	0.06	*16.5*	1	**17.5**	18.4	0.05	0.1	0.07	<0.02	<0.1	0.07	0.57	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	29 Nov 2019	0908_QC102_191129	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.047	*16*	0.97	**16.97**	17.017	0.047	0.072	0.052	<0.01	<0.05	0.062	0.4	0.024	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW168	29 Nov 2019	0908_QC202_191129	Field_D	NSW_0908_PFASMGMT	On Base	-	0.06	*15*	0.95	**16**	16.8	0.05	0.09	0.08	<0.02	<0.1	0.07	0.51	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	13 Mar 2020	0908_MW168_200313	Normal	NSW_0908_PFASMGMT	On Base	-	0.1	*26.1*	1.9	**28**	29.1	0.08	0.12	0.11	<0.02	<0.1	0.09	0.54	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	13 Mar 2020	0908_QC100_200313	Field_D	NSW_0908_PFASMGMT	On Base	-	0.1	*25.4*	1.92	**27.3**	28.4	0.08	0.13	0.12	<0.02	<0.1	0.09	0.52	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	13 May 2020	0908_MW168_200513	Normal	NSW_0908_PFASOMP	On Base	-	0.11	*22.3*	2.21	**24.5**	26.5	0.1	0.26	0.11	<0.02	<0.1	0.15	1.16	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	16 Nov 2020	0908_MW168_201116	Normal	NSW_0908_PFASOMP	On Base	-	0.25	*2.95*	0.58	**3.53**	4.19	<0.02	<0.02	0.19	0.11	<0.1	<0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	18 May 2021	0908_MW168_210518	Normal	NSW_0908_PFASOMP	On Base	-	0.51	*9.84*	4.39	**14.2**	16.3	0.09	0.16	0.27	0.08	<0.1	0.11	0.71	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	18 Nov 2021	0908_MW168_211118	Normal	NSW_0908_PFASMGMT	On Base	-	0.09	*25.6*	1.46	**27.1**	28	0.06	0.06	0.11	<0.02	<0.1	0.07	0.54	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	18 Nov 2021	0908_MW168_211118	Normal	NSW_0908_PFASOMP	On Base	-	0.15	*20.7*	1.91	**22.6**	24.2	0.1	0.13	0.2	<0.02	<0.1	0.06	0.82	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	26 May 2022	0908_MW168_220526	Normal	NSW_0908_PFASMGMT	On Base	-	0.32	*14.6*	3.47	**18.1**	19.6	0.06	0.14	0.14	0.05	<0.1	0.07	0.67	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	26 May 2022	0908_MW168_220526	Normal	NSW_0908_PFASOMP	On Base	-	0.24	*7.87*	3.39	**11.3**	12.5	0.06	0.15	0.13	0.04	<0.1	0.04	0.4	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW167	21 Jun 2022	0908_MW167_220621	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	09 Nov 2022	0908_MW167_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	10 May 2023	0908_MW167_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW167	22 Nov 2023	0908_MW167_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	13 Jan 2016	MW168_13012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW168	02 Sep 2016	MW168_020916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW168	02 Sep 2016	QC110_020916	Field_D	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW168	12 Oct 2016	MW168_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW168	17 Jan 2017	MW168_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW168	17 Jan 2017	MW168_170117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW168	17 Jan 2017	MW168_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	17 Jan 2017	MW168_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW168	03 May 2017	MW168_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	23 Apr 2018	MW168_GW_23042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	23 Apr 2018	MW168_GW_23042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW168	08 Aug 2018	0908_MW168_180808	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	03 Sep 2018	0908_MW168_180903	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	03 Sep 2018	0908_QC100_180903	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	03 Sep 2018	0908_QC200-180903	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW168	02 Oct 2018	0908_MW168_181002	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	02 Oct 2018	0908_QC104_181002	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	02 Oct 2018	0908_QC204_181002	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW168	29 Nov 2018	0908_MW168_181129	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	29 Nov 2018	0908_MW168_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW168	29 Nov 2018	0908_QC108_181129	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	29 Nov 2018	0908_QC108_181129	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW168	22 Jan 2019	0908_MW168_190122	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	01 Apr 2019	0908_MW168_190401	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	31 May 2019	0908_MW168_190531	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	31 May 2019	0908_MW168_190531	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW168	20 Jun 2019	0908_MW168_190620	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	24 Sep 2019	0908_MW168S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	06 Nov 2019	0908_MW168_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	29 Nov 2019	0908_MW168_191129	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	29 Nov 2019	0908_QC102_191129	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW168	29 Nov 2019	0908_QC202_191129	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	13 Mar 2020	0908_MW168_200313	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	13 Mar 2020	0908_QC100_200313	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	13 May 2020	0908_MW168_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	16 Nov 2020	0908_MW168_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	18 May 2021	0908_MW168_210518	Normal	NSW_0908_PFASOMP	On Base	-	0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	18 Nov 2021	0908_MW168_211118	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	18 Nov 2021	0908_MW168_211118	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	26 May 2022	0908_MW168_220526	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	26 May 2022	0908_MW168_220526	Normal	NSW_0908_PFASOMP	On Base	-	0.04	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids					PFAS - Perfluoroalkyl Carboxylic Acids											PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																				
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																						
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																								
MW168	26 May 2022	0908_QC203_220526	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.28	*17*	3.6	**21**	22	0.06	0.12	0.18	0.08	0.05	0.07	0.51	0.1	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW168	09 Nov 2022	0908_MW168_221109	Normal	NSW_0908_PFASOMP	On Base	-	0.18	*4.24*	0.8	**5.04**	5.78	<0.02	<0.02	0.14	0.03	<0.1	0.05	0.29	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	10 May 2023	0908_MW168_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.44	*44.4*	6.17	**50.6**	52.4	0.07	0.19	0.23	0.06	<0.1	0.04	0.54	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW168	22 Nov 2023	0908_MW168_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.07	*9.25*	0.66	**9.91**	10.3	<0.02	0.04	0.03	<0.02	<0.1	0.02	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	13 Jan 2016	MW169D_13012016	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.31*	-	**0.31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW169D	02 Sep 2016	MW169D_020916	Normal	NSW_0908_PFAS	On Base	-	0.05	*0.5*	4.1	**4.6**	4.65	1.6	-	-	<0.01	0.22	0.45	2.9	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169D	12 Oct 2016	MW169D_121016	Normal	NSW_0908_PFAS	On Base	-	0.05	*0.85*	4.9	**5.75**	5.8	1.5	-	-	<0.01	0.35	0.47	3.5	0.15	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169D	16 Jan 2017	MW169D_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.07	*0.47*	4	**4.47**	4.54	1.5	-	-	<0.01	0.32	0.53	3.4	0.15	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169D	16 Jan 2017	MW169D_160117	Normal	NSW_0908_PFAS	On Base	-	0.07	*0.47*	4	**4.47**	4.54	1.5	-	-	<0.01	0.32	0.53	3.4	0.15	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169D	17 Jan 2017	MW169D_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	0.13	*0.65*	6.72	**7.37**	18.6	2.72	2.52	0.12	<0.02	<0.1	1.06	4.33	0.38	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	03 May 2017	MW169D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.1	*0.82*	7.5	**8.32**	8.42	0.04	1.9	0.1	<0.01	<0.05	0.82	4.3	0.27	<0.01	<0.01	0.02	0.05	0.05	0.33	<0.01	<0.05	<0.01	<0.01
MW169D	22 Nov 2017	0908_MW169D_221117	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.28*	7.8	**8.08**	17.2	2.2	2.3	0.03	<0.02	0.2	0.58	3.6	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW169D	30 May 2019	0908_MW169D_190530	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.11*	0.15	**0.26**	0.37	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	06 Nov 2019	0908_MW169D_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.09	*0.71*	5.54	**6.25**	12.4	1.46	1.34	0.1	<0.02	0.2	0.58	2.22	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	06 Nov 2019	0908_QC103_191107	Field_D	NSW_0908_PFASOMP	On Base	-	0.09	*0.67*	5.44	**6.11**	12.2	1.37	1.2	0.09	<0.02	0.2	0.49	2.48	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	07 Nov 2019	0908_QC203_191107	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.062	*0.52*	5.2	**5.72**	5.782	1.2	0.95	0.049	<0.01	0.23	0.43	1.9	0.12	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.074	<0.01	<0.01
MW169D	13 May 2020	0908_MW169D_200513	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*0.28*	2.18	**2.46**	4.8	0.47	0.56	0.03	<0.02	<0.1	0.18	1.01	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	16 Nov 2020	0908_MW169_D_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.06*	0.33	**0.39**	0.79	0.08	0.06	<0.02	<0.02	<0.1	0.03	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW169D	18 May 2021	0908_MW169D_210518	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.09*	0.43	**0.52**	1.08	0.12	0.09	<0.02	0.04	<0.1	0.03	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.1	<0.05	<0.05
MW169D	16 Nov 2021	0908_MW169D_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.08*	0.21	**0.29**	0.58	0.08	0.04	<0.02	<0.02	<0.1	<0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW169D	19 May 2022	0908_MW169D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.08*	0.1	**0.18**	0.24	0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	09 Nov 2022	0908_MW169D_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.06*	0.12	**0.18**	0.21	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	09 Nov 2022	0908_QC113_221109	Field_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.08*	0.19	**0.27**	0.37	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	09 Nov 2022	0908_QC213_221109	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.06*	0.16	**0.22**	0.32	0.02	0.03	<0.01	<0.02	<0.02	<0.02	0.05	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW169D	10 May 2023	0908_MW169D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.06*	0.06	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	22 Nov 2023	0908_MW169D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.04*	0.05	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	22 Nov 2023	0908_QC106_231122	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.04*	0.05	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	22 Nov 2023	0908_QC206_231122	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.04*	0.05	**0.09**	0.11	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW169S	13 Jan 2016	MW169S_13012016	Normal	NSW_0908_PFAS	On Base	-	0.05	*0.2*	-	**0.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW169S	02 Sep 2016	MW169S_020916	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.2*	0.4	**0.6**	0.61	0.02	-	-	<0.01	<0.05	0.02	0.13	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169S	12 Oct 2016	MW169S_121016	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.23*	0.38	**0.61**	0.62	0.02	-	-	<0.01	<0.05	0.02	0.14	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169S	16 Jan 2017	MW169S_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.06	*0.11*	0.51	**0.62**	0.68	0.02	-	-	<0.01	<0.05	0.03	0.19	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169S	16 Jan 2017	MW169S_160117	Normal	NSW_0908_PFAS	On Base	-	0.06	*0.11*	0.51	**0.62**	0.68	0.02	-	-	<0.01	<0.05	0.03	0.19	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW169S	17 Jan 2017	MW169S_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	0.08	*0.16*	0.68	**0.84**	1.4	<0.02	0.05	0.1	<0.02	<0.1	0.05	0.22	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	03 May 2017	MW169S_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.05	*0.18*	0.88	**1.06**	1.11	0.07	0.07	0.06	<0.01	<0.05	0.03	0.17	0.03	<0.01	0.01	0.02	0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW169S	05 Sep 2018	0908_MW169S_180905	Normal	NSW_0908_PFASMGMT	On Base	-	0.06	*0.08*	0.86	**0.94**	1.27	0.02	0.03	0.05	<0.02	<0.1	0.02	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	22 Jan 2019	0908_MW169S_190122	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.05*	0.56	**0.61**	1.23	0.02	0.02	0.05	<0.02	0.4	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	30 May 2019	0908_MW169S_190530	Normal	NSW_0908_PFAS	On Base	-	0.03	*0.17*	0.35	**0.52**	0.69	<0.02	<0.02	0.07	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	24 Sep 2019	0908_MW169S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	*0.1*	0.46	**0.56**	0.72	<0.02	0.03	0.04	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	06 Nov 2019	0908_MW169S_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.15*	0.37	**0.52**	0.62	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	13 May 2020	0908_MW169S_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.05	*0.31*	0.26	**0.57**	0.62	<0.05	<0.05	0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05
MW169S	16 Nov 2020	0908_MW169_S_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.13*	0.21	**0.34**	0.39	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	18 May 2021	0908_MW169S_210518	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.11*	0.27	**0.38**	0.57	<0.02	<0.02	0.03	<0.02	<0.1	0.03	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	16 Nov 2021	0908_MW169S_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.11*	0.15	**0.26**	0.42	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	19 May 2022	0908_MW169S_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.12*	0.13	**0.25**	0.37	<0.02	<0.02	<0.02	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	09 Nov 2022	0908_MW169S_221109	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.08*	0.15	**0.23**	0.44	<0.02	<0.02	<0.02	<0.02	<0.1	0.05	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	10 May 2023	0908_MW169S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.07*	0.16	**0.23**	0.3	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	22 Nov 2023	0908_MW169S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.04*	0.14	**0.18**	0.2	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	15 Jan 2016	MW171D_15012016	Normal	NSW_0908_PFAS	On Base	-	0.12	*4.97*	-	**4.97**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW171D	31 Aug 2016	MW171D_310816	Normal	NSW_0908_PFAS	On Base	-	0.03	*2.2*	0.47	**2.67**	2.7	0.03	-	-	<0.01	<0.05	0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW171D	12 Oct 2016	MW171D_121016	Normal	NSW_0908_PFAS	On Base	-	0.02	*1.5*	0.41	**1.91**	1.93	0.06	-	-	<0.01	<0.05	<0.01	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW171D	13 Jan 2017	MW171D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*1.1*	0.33	**1.43**	1.45	0.08	-	-	<0.01	<0.05	0.02	0.11	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW171D	24 Jan 2017	MW171D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.18*	0.61	**0.79**	1.34	0.18	0.17	<0.02	<0.02	<0.1	0.04	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	24 Jan 2017	MW171D_GW_25012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.42	**0.42**	2.69	0.64	0.37	<0.02	<0.02	<0.1	0.21	1	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	03 May 2017	MW171D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.03	*1.8*	0.74	**2.54**	2.57	<0.01	0.17	0.07	<0.01	<0.05	0.05	0.22	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW171D	04 Apr 2018	MW171D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.07*	0.5	**0.57**	1.15	0.16	0.18	<0.02	<0.02	<0.1	0.04	0.18	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	22 Nov 2018	0908_MW171D_181122	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.99*	0.2	**1.19**	1.68	<0.02	<0.02	0.03	<0.02	0.4	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW168	26 May 2022	0908_QC203_220526	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW168	09 Nov 2022	0908_MW168_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	10 May 2023	0908_MW168_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.06	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW168	22 Nov 2023	0908_MW168_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	13 Jan 2016	MW169D_13012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW169D	02 Sep 2016	MW169D_020916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW169D	12 Oct 2016	MW169D_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW169D	16 Jan 2017	MW169D_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW169D	16 Jan 2017	MW169D_160117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW169D	17 Jan 2017	MW169D_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	03 May 2017	MW169D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW169D	22 Nov 2017	0908_MW169D_221117	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	30 May 2019	0908_MW169D_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	06 Nov 2019	0908_MW169D_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	06 Nov 2019	0908_QC103_191107	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	07 Nov 2019	0908_QC203_191107	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05
MW169D	13 May 2020	0908_MW169D_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	16 Nov 2020	0908_MW169_D_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	18 May 2021	0908_MW169D_210518	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	16 Nov 2021	0908_MW169D_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	19 May 2022	0908_MW169D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	09 Nov 2022	0908_MW169D_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	09 Nov 2022	0908_QC113_221109	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	09 Nov 2022	0908_QC213_221109	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW169D	10 May 2023	0908_MW169D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	22 Nov 2023	0908_MW169D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	22 Nov 2023	0908_QC106_231122	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169D	22 Nov 2023	0908_QC206_231122	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW169S	13 Jan 2016	MW169S_13012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW169S	02 Sep 2016	MW169S_020916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW169S	12 Oct 2016	MW169S_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW169S	16 Jan 2017	MW169S_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW169S	16 Jan 2017	MW169S_160117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW169S	17 Jan 2017	MW169S_GW_17012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	03 May 2017	MW169S_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW169S	05 Sep 2018	0908_MW169S_180905	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	22 Jan 2019	0908_MW169S_190122	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	30 May 2019	0908_MW169S_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	24 Sep 2019	0908_MW169S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	06 Nov 2019	0908_MW169S_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	13 May 2020	0908_MW169S_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW169S	16 Nov 2020	0908_MW169_S_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	18 May 2021	0908_MW169S_210518	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	16 Nov 2021	0908_MW169S_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	19 May 2022	0908_MW169S_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	09 Nov 2022	0908_MW169S_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	10 May 2023	0908_MW169S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW169S	22 Nov 2023	0908_MW169S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	15 Jan 2016	MW171D_15012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW171D	31 Aug 2016	MW171D_310816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW171D	12 Oct 2016	MW171D_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW171D	13 Jan 2017	MW171D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW171D	24 Jan 2017	MW171D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	24 Jan 2017	MW171D_GW_25012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	03 May 2017	MW171D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	04 Apr 2018	MW171D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	22 Nov 2018	0908_MW171D_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW171D	30 May 2019	0908_MW171D_190530	Normal	NSW_0908_PFAS	On Base	-	0.03	*2.23*	0.35	**2.58**	2.77	0.04	0.03	0.04	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	25 Oct 2019	0908_MW171D_191025	Normal	NSW_0908_PFASMGMT	On Base	-	0.09	*2.93*	1	**3.93**	4.36	0.02	0.03	0.14	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.09	<0.05	<0.05
MW171D	15 May 2020	0908_MW171D_200515	Normal	NSW_0908_PFASOMP	On Base	-	0.07	*0.47*	0.73	**1.2**	1.5	<0.02	0.02	0.14	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	17 May 2021	0908_MW171D_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*0.03*	0.48	**0.51**	0.84	0.08	0.08	0.03	<0.02	<0.1	<0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	19 May 2022	0908_MW171D_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.01*	0.93	**0.94**	2.07	0.33	0.3	<0.02	<0.02	<0.1	0.08	0.38	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171D	10 May 2023	0908_MW171D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.04*	0.47	**0.51**	1	0.14	0.12	<0.02	<0.02	<0.1	0.05	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	15 Jan 2016	MW171S_15012016	Normal	NSW_0908_PFAS	On Base	-	0.22	*0.89*	-	**0.89**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW171S	31 Aug 2016	MW171S_310816	Normal	NSW_0908_PFAS	On Base	-	0.23	*1.6*	2.6	**4.2**	4.43	0.27	-	-	<0.01	<0.05	0.05	0.38	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW171S	12 Oct 2016	MW171S_121016	Normal	NSW_0908_PFAS	On Base	-	0.25	*2.5*	2.5	**5**	5.25	0.17	-	-	<0.01	<0.05	0.06	0.44	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW171S	13 Jan 2017	MW171S_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.32	*2.9*	2	**4.9**	5.22	0.16	-	-	<0.01	0.09	0.1	0.64	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW171S	24 Jan 2017	MW171S_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	**0.64**	*4.65*	5.45	**10.1**	14.4	0.42	0.48	1.14	<0.02	<0.1	0.26	1.22	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	03 May 2017	MW171S_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.21	*1.7*	2.9	**4.6**	4.81	0.2	0.19	0.3	<0.01	<0.05	0.11	0.49	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW171S	04 Apr 2018	MW171S_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	0.14	*2.26*	2.38	**4.64**	5.69	0.05	0.12	0.3	<0.02	<0.1	0.04	0.35	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	09 Aug 2018	0908_MW171S_180809	Normal	NSW_0908_PFASMGMT	On Base	-	0.14	*2.05*	1.94	**3.99**	5.02	0.09	0.13	0.33	<0.02	<0.1	0.03	0.26	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	05 Sep 2018	0908_HW171S_180905	Normal	NSW_0908_PFASMGMT	On Base	-	0.1	*1.1*	1.92	**3.02**	3.65	0.05	0.1	0.23	<0.02	<0.1	<0.02	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	03 Oct 2018	0908_MW171S_181003	Normal	NSW_0908_PFASMGMT	On Base	-	0.17	*2.09*	2.66	**4.75**	5.95	0.08	0.13	0.28	<0.02	<0.1	0.06	0.42	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	22 Nov 2018	0908_MW171S_181122	Normal	NSW_0908_PFAS	On Base	-	0.3	*1.89*	2.67	**4.56**	5.4	0.04	0.06	0.24	<0.02	<0.1	<0.02	0.16	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	22 Jan 2019	0908_MW171S_190122	Normal	NSW_0908_PFASMGMT	On Base	-	0.2	*1.8*	2.79	**4.59**	5.75	0.06	0.08	0.51	<0.02	<0.1	0.03	0.23	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	01 Apr 2019	0908_MW171S_190401	Normal	NSW_0908_PFASMGMT	On Base	-	0.11	*9.91*	2.11	**12**	13	0.09	0.08	0.4	<0.02	<0.1	0.03	0.19	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	01 Apr 2019	0908_QC101_190401	Field_D	NSW_0908_PFASMGMT	On Base	-	0.1	*9.56*	1.96	**11.5**	12.4	0.09	0.07	0.38	<0.02	<0.1	0.03	0.18	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	01 Apr 2019	0908_QC201_190401	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.063	*8.6*	1.7	**10.3**	10.363	0.049	0.056	0.27	<0.01	<0.05	0.025	0.11	0.029	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW171S	20 Jun 2019	0908_MW171S_190620	Normal	NSW_0908_PFAS	On Base	-	0.06	*1.83*	0.74	**2.57**	2.84	<0.02	0.02	0.14	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	24 Sep 2019	0908_MW171S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.07	*1.03*	0.96	**1.99**	2.34	0.03	0.06	0.12	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	25 Oct 2019	0908_MW171S_191025	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	*1.02*	0.31	**1.33**	1.43	<0.02	<0.02	0.06	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	29 Nov 2019	0908_MW171s_191129	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.65*	0.21	**0.86**	0.96	<0.02	<0.02	0.07	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	29 Nov 2019	0908_QC100_191129	Field_D	NSW_0908_PFASMGMT	On Base	-	0.03	*0.69*	0.21	**0.9**	1	<0.02	<0.02	0.07	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	29 Nov 2019	0908_QC200_191129	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.02	<0.02	0.19	**0.19**	0.21	<0.01	<0.01	0.047	<0.01	<0.05	<0.02	0.014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW171S	13 Mar 2020	0908_MW171S_200316	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*0.56*	0.62	**1.18**	1.43	<0.02	0.03	0.12	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	15 May 2020	0908_MW171S_200515	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*1.74*	0.72	**2.46**	2.72	0.04	0.03	0.07	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	23 Jun 2020	0908_MW171S_200623	Normal	NSW_0908_PFASMGMT	On Base	-	0.06	*0.32*	0.43	**0.75**	1.06	0.02	0.02	0.11	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	23 Jun 2020	0908_QC101_200623	Field_D	NSW_0908_PFASMGMT	On Base	-	0.06	*0.32*	0.4	**0.72**	1	<0.02	0.02	0.1	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	30 Sep 2020	0908_MW171S_200930	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.31*	0.46	**0.77**	1	0.03	0.05	0.07	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	30 Sep 2020	0908_QC100_200930	Field_D	NSW_0908_PFASMGMT	On Base	-	0.04	*0.46*	0.66	**1.12**	1.44	0.05	0.07	0.09	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	30 Sep 2020	0908_QC200_200930	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.031	*0.23*	0.43	**0.66**	0.691	0.035	0.042	0.045	<0.01	<0.05	<0.02	0.047	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.01	<0.01	<0.01	<0.01
MW171S	13 Jan 2021	0908_MW171_S_210113	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.72*	0.25	**0.97**	1.16	0.02	0.05	0.07	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	26 Mar 2021	0908_MW171_S_210326	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.31*	0.18	**0.49**	0.62	0.03	0.03	0.04	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	17 May 2021	0908_MW171S_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*0.66*	0.39	**1.05**	1.42	0.03	0.03	0.09	<0.02	<0.1	0.02	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	24 Jun 2021	0908_MW171S_210624	Normal	NSW_0908_PFASMGMT	On Base	-	0.06	*0.48*	0.28	**0.76**	1	<0.02	<0.02	0.07	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	24 Sep 2021	0908_MW171S_210924	Normal	NSW_0908_PFASMGMT	On Base	-	0.11	*0.73*	0.25	**0.98**	1.26	<0.02	<0.02	0.11	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	24 Sep 2021	0908_QC201_210924	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.12	*0.82*	0.24	**1.1**	1.4	<0.01	0.01	0.12	<0.02	<0.02	<0.02	0.06	0.02	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW171S	12 Jan 2022	0908_MW171S_220112	Normal	NSW_0908_PFASMGMT	On Base	-	0.15	*0.65*	0.43	**1.08**	1.37	<0.02	<0.02	0.12	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	12 Jan 2022	0908_QC100_220112	Field_D	NSW_0908_PFASMGMT	On Base	-	0.16	*0.65*	0.45	**1.1**	1.42	<0.02	<0.02	0.13	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	12 Jan 2022	0908_QC200_220112	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.13	*0.48*	0.44	**0.92**	1.2	<0.01	0.02	0.1	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW171S	14 Mar 2022	0908_MW171S_220314	Normal	NSW_0908_PFASMGMT	On Base	-	0.14	*0.76*	0.47	**1.23**	1.59	<0.02	0.04	0.15	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	14 Mar 2022	0908_QC100_220314	Field_D	NSW_0908_PFASMGMT	On Base	-	0.12	*0.69*	0.45	**1.14**	1.45	<0.02	0.03	0.14	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	14 Mar 2022	0908_QC200_220314	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.13	*0.66*	0.52	**1.2**	1.5	0.01	0.03	0.15	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW171S	19 May 2022	0908_MW171S_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.09	*0.87*	0.58	**1.45**	1.82	0.02	0.03	0.19	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	21 Jun 2022	0908_MW171S_220621	Normal	NSW_0908_PFASMGMT	On Base	-	0.08	*1.49*	0.65	**2.14**	2.55	<0.02	0.03	0.26	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	21 Jun 2022	0908_QC201_220621	Interlab_D	NSW_0908_PFASMGMT	On Base	-	0.08	*1.9*	0.53	**2.4**	2.8	0.01	0.03	0.24	<0.02	<0.02	<0.02	0.03	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW171S	12 Sep 2022	0908_MW171S_220912	Normal	NSW_0908_PFASMGMT	On Base	-	0.06	*1.16*	0.8	**1.96**	2.41	0.03	0.06	0.17	<0.02	<0.1	0.03	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	12 Sep 2022	0908_QC100_220912	Field_D	NSW_0908_PFASMGMT	On Base	-	0.05	*1.21*	0.84	**2.05**	2.46	0.03	0.06	0.16	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	10 May 2023	0908_MW171S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.07	*0.63*	0.79	**1.42**	1.83	0.04	0.06	0.15	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	14 Jan 2016	MW172_14012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW172	14 Jan 2016	QC102_WG_14012016	Field_D	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW172	02 Sep 2016	MW172_020916	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.1*	0.03	**0.13**	0.13	<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	-
MW172	12 Oct 2016	MW172_121016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.05*	0.02	0.07	0.07	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW172	16 Jan 2017	MW172_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.03*	0.03	0.06	0.06	<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	-

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW171D	30 May 2019	0908_MW171D_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	25 Oct 2019	0908_MW171D_191025	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	15 May 2020	0908_MW171D_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	17 May 2021	0908_MW171D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	19 May 2022	0908_MW171D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171D	10 May 2023	0908_MW171D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	15 Jan 2016	MW171S_15012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW171S	31 Aug 2016	MW171S_310816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW171S	12 Oct 2016	MW171S_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW171S	13 Jan 2017	MW171S_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW171S	24 Jan 2017	MW171S_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	03 May 2017	MW171S_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW171S	04 Apr 2018	MW171S_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	09 Aug 2018	0908_MW171S_180809	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	05 Sep 2018	0908_HW171S_180905	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	03 Oct 2018	0908_MW171S_181003	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	22 Nov 2018	0908_MW171S_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	22 Jan 2019	0908_MW171S_190122	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	01 Apr 2019	0908_MW171S_190401	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	01 Apr 2019	0908_QC101_190401	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	01 Apr 2019	0908_QC201_190401	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW171S	20 Jun 2019	0908_MW171S_190620	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	24 Sep 2019	0908_MW171S_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	25 Oct 2019	0908_MW171S_191025	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	29 Nov 2019	0908_MW171s_191129	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	29 Nov 2019	0908_QC100_191129	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	29 Nov 2019	0908_QC200_191129	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW171S	13 Mar 2020	0908_MW171S_200316	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	15 May 2020	0908_MW171S_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	23 Jun 2020	0908_MW171S_200623	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	23 Jun 2020	0908_QC101_200623	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	30 Sep 2020	0908_MW171S_200930	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	30 Sep 2020	0908_QC100_200930	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	30 Sep 2020	0908_QC200_200930	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW171S	13 Jan 2021	0908_MW171_S_210113	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	26 Mar 2021	0908_MW171_S_210326	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	17 May 2021	0908_MW171S_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	24 Jun 2021	0908_MW171S_210624	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	24 Sep 2021	0908_MW171S_210924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	24 Sep 2021	0908_QC201_210924	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW171S	12 Jan 2022	0908_MW171S_220112	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	12 Jan 2022	0908_QC100_220112	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	12 Jan 2022	0908_QC200_220112	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW171S	14 Mar 2022	0908_MW171S_220314	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	14 Mar 2022	0908_QC100_220314	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	14 Mar 2022	0908_QC200_220314	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW171S	19 May 2022	0908_MW171S_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	21 Jun 2022	0908_MW171S_220621	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	21 Jun 2022	0908_QC201_220621	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW171S	12 Sep 2022	0908_MW171S_220912	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	12 Sep 2022	0908_QC100_220912	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW171S	10 May 2023	0908_MW171S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	14 Jan 2016	MW172_14012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW172	14 Jan 2016	QC102_WG_14012016	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW172	02 Sep 2016	MW172_020916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW172	12 Oct 2016	MW172_121016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW172	16 Jan 2017	MW172_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids					PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW172	16 Jan 2017	MW172_160117	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.03*	0.03	0.06	0.06	<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	-
MW172	25 Jan 2017	MW172_GW_25012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	03 May 2017	MW172_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.31*	0.12	**0.43**	0.43	0.06	0.04	<0.01	<0.01	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW172	09 Aug 2018	0908_MW172_180809	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	05 Sep 2018	0908_MW172_180905	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	03 Oct 2018	0908_MW172_181003	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	29 Nov 2018	0908_MW172_181129	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	29 Nov 2018	0908_MW172_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW172	23 Jan 2019	0908_MW172_190123	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.06	0.06	0.16	0.05	0.05	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	02 Apr 2019	0908_MW172_190402	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.04*	0.18	**0.22**	0.25	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	30 May 2019	0908_MW172_190530	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.09	**0.09**	0.09	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	30 May 2019	0908_MW172_190530	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW172	20 Jun 2019	0908_MW172_190620	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.02*	0.06	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	24 Sep 2019	0908_MW172_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.09	**0.09**	0.09	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	06 Nov 2019	0908_MW172_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.09	**0.09**	0.09	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	29 Nov 2019	0908_MW172_191129	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.08	**0.08**	0.1	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	29 Nov 2019	0908_QC101_191129	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.08	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	29 Nov 2019	0908_QC201_191129	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	0.073	**0.073**	0.073	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	0.022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW172	13 Mar 2020	0908_MW172_200313	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.03*	0.16	**0.19**	0.22	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	15 May 2020	0908_MW172_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.09	**0.09**	0.11	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	22 Jun 2020	0908_MW172_200622	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.06	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	30 Sep 2020	0908_MW172_200930	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	*0.01*	0.81	**0.82**	0.9	0.02	0.06	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	30 Sep 2020	0908_QC101_200930	Field_D	NSW_0908_PFASMGMT	On Base	-	0.01	*0.02*	1.25	**1.27**	1.42	0.04	0.1	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	30 Sep 2020	0908_QC201_200930	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.02	0.8	**0.8**	0.8	0.023	0.05	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW172	16 Nov 2020	0908_MW172_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.25	**0.25**	0.33	0.04	0.04	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	14 Jan 2021	0908_MW172_210114	Normal	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.42	**0.42**	0.51	0.03	0.06	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	26 Mar 2021	0908_MW172_210326	Normal	NSW_0908_PFASMGMT	On Base	-	0.12	*0.07*	1.08	**1.15**	1.61	0.04	0.07	0.02	<0.02	<0.1	0.03	0.14	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	17 May 2021	0908_MW172_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.1	*0.05*	1.98	**2.03**	2.96	0.1	0.16	<0.02	<0.02	<0.1	0.06	0.44	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	24 Jun 2021	0908_MW172_210624	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	*0.02*	0.4	**0.42**	0.52	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	24 Sep 2021	0908_MW172_210924	Normal	NSW_0908_PFASMGMT	On Base	-	0.01	*0.01*	0.15	**0.16**	0.34	0.06	0.06	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	24 Sep 2021	0908_QC102_210924	Field_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.12	**0.12**	0.27	0.06	0.05	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	24 Sep 2021	0908_QC202_210924	Interlab_D	NSW_0908_PFASMGMT	On Base	-	<0.01	<0.01	0.1	**0.1**	0.27	0.07	0.05	<0.01	<0.02	0.02	<0.02	0.03	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW172	10 Nov 2021	0908_MW172_211110	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.05*	0.21	**0.26**	0.49	0.09	0.06	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	12 Jan 2022	0908_MW172_220112	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	*0.02*	0.41	**0.43**	0.74	0.06	0.06	<0.02	<0.02	<0.1	0.03	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	16 Mar 2022	0908_MW172_220316	Normal	NSW_0908_PFASMGMT	On Base	-	0.08	*0.05*	1.04	**1.09**	1.98	0.03	0.06	<0.02	<0.02	0.2	0.17	0.32	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	19 May 2022	0908_MW172_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.05	*0.05*	1.28	**1.33**	2.22	0.17	0.26	<0.02	<0.02	0.1	0.09	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	22 Jun 2022	0908_MW172_220622	Normal	NSW_0908_PFASMGMT	On Base	-	0.14	*0.15*	1.88	**2.03**	2.67	0.1	0.13	0.03	<0.02	<0.1	0.04	0.16	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	13 Sep 2022	0908_MW172_220913	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	*0.05*	1.06	**1.11**	1.34	0.02	0.04	<0.02	<0.02	<0.1	0.04	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	10 Nov 2022	0908_MW172_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.02*	0.48	**0.5**	0.69	0.03	0.04	<0.02	<0.02	<0.1	0.03	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	10 Nov 2022	0908_QC105_221110	Field_D	NSW_0908_PFASOMP	On Base	-	0.01	*0.04*	0.54	**0.58**	0.78	0.03	0.05	<0.02	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	10 Nov 2022	0908_QC205_221110	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	0.42	**0.44**	0.59	0.03	0.04	<0.01	<0.02	<0.02	0.02	0.06	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW172	10 May 2023	0908_MW172_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.03	*0.07*	0.92	**0.99**	1.92	0.05	0.08	<0.02	<0.02	0.2	0.44	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	22 Nov 2023	0908_MW172_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.03	*0.04*	0.45	**0.49**	0.94	0.11	0.15	<0.02	<0.02	<0.1	<0.02	0.12	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	15 Jan 2016	MW175D_15012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW175D	29 Aug 2016	MW175D_290816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.33*	0.09	**0.42**	0.42	<0.01	-	-	<0.01	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW175D	19 Oct 2016	MW175D_191016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.67*	0.09	**0.76**	0.76	<0.01	-	-	<0.01	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW175D	19 Dec 2016	MW175D_GW_19122016	Normal	NSW_0908_PFAS	On Base	-	0.02	*3.01*	0.19	**3.2**	3.29	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	20 Dec 2016	MW175D_GW_20122016	Normal	NSW_0908_PFAS	On Base	-	0.02	*3.01*	0.19	**3.2**	3.29	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	12 Jan 2017	MW175D_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*2.6*	0.21	**2.81**	2.83	0.02	-	-	<0.01	<0.05	<0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW175D	24 Jan 2017	MW175D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-	0.09	*3.49*	0.76	**4.25**	4.81	0.06	0.08	0.09	<0.02	<0.1	0.04	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	24 Jan 2017	QC717_24012017	Field_D	NSW_0908_PFAS	On Base	-	0.08	*3.8*	0.71	**4.51**	5.05	0.06	0.08	0.08	<0.02	<0.1	0.04	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	02 May 2017	MW175D_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.03	*1.4*	0.33	**1.73**	1.76	0.02	0.03	0.04	<0.01	<0.05	0.01	0.08	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01
MW175D	20 Apr 2018	MW175D_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	0.05	*2.5*	0.43	**2.93**	3.23	0.03	0.04	0.05	<0.02	<0.1	<0.02	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	14 Sep 2018	0908_MW175D_180914	Normal	NSW_0908_PFASMGMT	On Base	-	0.2	*8.67*	1.77	**10.4**	12	0.13	0.16	0.22	<0.02	<0.1	0.09	0.67	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	29 Nov 2018	0908_MW175D_181129	Normal	NSW_0908_PFAS	On Base	-	0.08	*4.43*	0.77	**5.2**	5.75	0.06	0.07	0.06	<0.02	<0.1	0.04	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	31 May 2019	0908_MW175D_190531	Normal	NSW_0908_PFAS	On Base	-	0.08	*8.3*	0.6	**8.9**	9.43	0.05	0.06	0.08	<0.02	<0.1	0.04	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	08 Nov 2019	0908_MW175D_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*2*	0.65	**2.65**	3.25	0.08	0.09	0.05	<0.02	<0.1	0.05	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW172	16 Jan 2017	MW172_160117	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW172	25 Jan 2017	MW172_GW_25012017	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	03 May 2017	MW172_030517	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW172	09 Aug 2018	0908_MW172_180809	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	05 Sep 2018	0908_MW172_180905	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	03 Oct 2018	0908_MW172_181003	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	29 Nov 2018	0908_MW172_181129	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	29 Nov 2018	0908_MW172_181129	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW172	23 Jan 2019	0908_MW172_190123	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	02 Apr 2019	0908_MW172_190402	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	30 May 2019	0908_MW172_190530	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	30 May 2019	0908_MW172_190530	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW172	20 Jun 2019	0908_MW172_190620	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	24 Sep 2019	0908_MW172_190924	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	06 Nov 2019	0908_MW172_191107	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	29 Nov 2019	0908_MW172_191129	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	29 Nov 2019	0908_QC101_191129	Field_D	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	29 Nov 2019	0908_QC201_191129	Interlab_D	NSW_0908_PFASMGMT	On Base	-		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW172	13 Mar 2020	0908_MW172_200313	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	15 May 2020	0908_MW172_200515	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	22 Jun 2020	0908_MW172_200622	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	30 Sep 2020	0908_MW172_200930	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	30 Sep 2020	0908_QC101_200930	Field_D	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	30 Sep 2020	0908_QC201_200930	Interlab_D	NSW_0908_PFASMGMT	On Base	-		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW172	16 Nov 2020	0908_MW172_201116	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	14 Jan 2021	0908_MW172_210114	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	26 Mar 2021	0908_MW172_210326	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	17 May 2021	0908_MW172_210517	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	24 Jun 2021	0908_MW172_210624	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	24 Sep 2021	0908_MW172_210924	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	24 Sep 2021	0908_QC102_210924	Field_D	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	24 Sep 2021	0908_QC202_210924	Interlab_D	NSW_0908_PFASMGMT	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW172	10 Nov 2021	0908_MW172_211110	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	12 Jan 2022	0908_MW172_220112	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	16 Mar 2022	0908_MW172_220316	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	19 May 2022	0908_MW172_220519	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	22 Jun 2022	0908_MW172_220622	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	13 Sep 2022	0908_MW172_220913	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	10 Nov 2022	0908_MW172_221110	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	10 Nov 2022	0908_QC105_221110	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	10 Nov 2022	0908_QC205_221110	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW172	10 May 2023	0908_MW172_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW172	22 Nov 2023	0908_MW172_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	15 Jan 2016	MW175D_15012016	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW175D	29 Aug 2016	MW175D_290816	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW175D	19 Oct 2016	MW175D_191016	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW175D	19 Dec 2016	MW175D_GW_19122016	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	20 Dec 2016	MW175D_GW_20122016	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	12 Jan 2017	MW175D_120117	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW175D	24 Jan 2017	MW175D_GW_24012017	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	24 Jan 2017	QC717_24012017	Field_D	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	02 May 2017	MW175D_020517	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	20 Apr 2018	MW175D_GW_20042018	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	14 Sep 2018	0908_MW175D_180914	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	29 Nov 2018	0908_MW175D_181129	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	31 May 2019	0908_MW175D_190531	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	08 Nov 2019	0908_MW175D_191108	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids					PFAS - Perfluoroalkyl Carboxylic Acids											PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																				
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																						
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																								
MW175D	11 May 2020	0908_MW175D_200511	Normal	NSW_0908_PFASOMP	On Base	-	0.1	*4.07*	0.83	**4.9**	5.74	0.06	0.1	0.09	<0.02	<0.1	0.06	0.3	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.1	<0.05	<0.05
MW175D	17 Nov 2020	0908_MW175_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*3.99*	0.64	**4.63**	5.16	0.05	0.06	0.06	<0.02	<0.1	0.05	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	17 May 2021	0908_MW175D_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*1.24*	0.46	**1.7**	2.11	0.05	0.07	0.03	<0.02	<0.1	0.02	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	16 Nov 2021	0908_MW175D_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*2.1*	0.4	**2.5**	2.89	0.05	0.05	0.03	<0.02	<0.1	0.03	0.18	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	16 Nov 2021	0908_QC108_211116	Field_D	NSW_0908_PFASOMP	On Base	-	0.04	*2.4*	0.44	**2.84**	3.27	0.05	0.05	0.03	<0.02	<0.1	0.04	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	19 May 2022	0908_MW175D_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.05	*3.45*	0.76	**4.21**	4.81	0.06	0.08	0.04	<0.02	<0.1	0.08	0.26	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	10 Nov 2022	0908_MW175D_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.07	*4.43*	1.13	**5.56**	6.31	0.07	0.13	0.07	<0.02	<0.1	0.08	0.29	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	10 May 2023	0908_MW175D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.07	*4.61*	1.05	**5.66**	6.32	0.07	0.1	0.04	<0.02	<0.1	0.07	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	10 May 2023	0908_QC119_230510	Field_D	NSW_0908_PFASOMP_23	On Base	-	0.08	*4.13*	1.13	**5.26**	6.18	0.12	0.12	0.08	<0.02	<0.1	0.12	0.35	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW175D	22 Nov 2023	0908_MW175D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.1	*3.36*	1.03	**4.39**	5.3	0.06	0.08	0.06	<0.02	<0.1	0.12	0.36	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW177	26 Feb 2016	MW177_26022016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.02	<0.01	<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	<0.02	<0.05	<0.05	<0.1	<0.1	<0.05
MW177	27 Mar 2018	MW177_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	0.08	*2.85*	1.44	**4.29**	5.2	0.15	0.16	0.11	<0.02	<0.1	0.07	0.3	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	26 Feb 2016	MW178_26022016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.02	<0.01	<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	<0.02	<0.05	<0.05	<0.1	<0.1	<0.05
MW178	26 Feb 2016	QC142_WG_26022016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-
MW178	10 Jan 2017	MW178_GW_10012017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	27 Mar 2018	MW178_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	26 Nov 2018	0908_MW178_181126	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	21 May 2019	0908_MW178_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	07 Nov 2019	0908_MW178_191107	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	04 Jun 2020	0908_MW178_200604	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	24 Nov 2020	0908_MW178_201124	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	0.06	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	19 May 2021	0908_MW178_210519	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	*0.08*	0.12	**0.2**	0.23	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	15 Nov 2021	0908_MW178_211115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	*0.02*	0.11	**0.13**	0.26	0.04	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	15 Nov 2021	0908_QC107_211115	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	*0.03*	0.13	**0.16**	0.28	0.04	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	01 Jun 2022	0908_MW178_220601	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	*0.04*	0.1	**0.14**	0.23	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	09 Nov 2022	0908_MW178_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	*0.11*	0.3	**0.41**	0.65	0.06	0.08	<0.02	<0.02	<0.1	0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	17 May 2023	0908_MW178_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	*0.08*	0.15	**0.23**	0.35	0.05	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	17 May 2023	0908_QC118_230517	Field_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	*0.1*	0.18	**0.28**	0.44	0.06	0.04	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW178	17 May 2023	0908_QC218_230517	Interlab_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	*0.08*	0.24	**0.32**	0.5	0.05	0.06	<0.01	<0.02	<0.02	<0.02	0.06	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	
MW178	21 Nov 2023	0908_MW178_231121	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	0.01	*0.1*	0.34	**0.44**	0.8	0.05	0.06	<0.02	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.14	<0.05	<0.05
MW179D	20 Jan 2016	MW179D_20012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW179D	30 Aug 2016	MW179D_300816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.33	**0.35**	0.35	0.04	-	-	<0.01	<0.05	0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179D	18 Oct 2016	MW179D_181016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.34	**0.34**	0.34	0.05	-	-	<0.01	<0.05	0.01	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179D	16 Jan 2017	MW179D_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	<0.01	0.4	**0.4**	0.4	0.05	-	-	<0.01	<0.05	0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179D	16 Jan 2017	MW179D_160117	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.4	**0.4**	0.4	0.05	-	-	<0.01	<0.05	0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179D	19 Jan 2017	MW179D_GW_19012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.55	**0.55**	0.76	0.05	0.05	<0.02	<0.02	<0.1	<0.02	0.08	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	19 Jan 2017	QC715_GW_19012017	Field_D	NSW_0908_PFAS	On Base	-	0.01	*0.34*	0.22	**0.56**	0.65	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.06	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	04 May 2017	MW179D_040517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	<0.01	0.45	**0.45**	0.45	0.1	0.08	<0.01	<0.01	<0.05	0.02	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW179D	22 Nov 2017	0908_MW179D_221117	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.56	**0.56**	0.9	0.13	0.11	<0.02	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	22 Nov 2017	0908_MW179D_221117	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.57**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW179D	19 Apr 2018	MW179D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.68	**0.68**	1.19	0.19	0.13	<0.02	<0.02	<0.1	0.03	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	19 Apr 2018	MW179D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.69**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW179D	22 Nov 2018	0908_MW179D_181122	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.01*	0.36	**0.37**	0.68	0.13	0.08	<0.02	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	30 May 2019	0908_MW179D_190530	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.4	**0.42**	0.75	0.12	0.08	<0.02	<0.02	<0.1	0.03	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	08 Nov 2019	0908_MW179D_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.43	**0.43**	0.71	0.09	0.08	<0.02	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	13 May 2020	0908_MW179D_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.36	**0.36**	0.54	0.05	0.06	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	17 Nov 2020	0908_MW179_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.01	<0.01	0.28	**0.28**	0.41	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	17 May 2021	0908_MW179D_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.02	<0.01	0.41	**0.41**	0.63	0.04	0.05	<0.02	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	16 Nov 2021	0908_MW179D_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.02	<0.01	0.46	**0.46**	0.69	0.05	0.05	<0.02	<0.02	<0.1	<0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	19 May 2022	0908_MW179D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	10 Nov 2022	0908_MW179D_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*0.28*	0.86	**1.14**	1.68	0.08	0.12	0.03	<0.02	<0.1	0.05	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	10 May 2023	0908_MW179D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.06	*1.17*	1.33	**2.5**	3.25	0.13	0.19	0.06	<0.02	<0.1	0.06	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	22 Nov 2023	0908_MW179D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.06	*3.69*	1.31	**5**	5.58	0.05	0.08	0.06	<0.02	<0.1	0.08	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	20 Jan 2016	MW179S_20012016	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.11*	-	**0.11**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW179S	20 Jan 2016	QC108_WG_20012016	Field_D	NSW_0908_PFAS	On Base	-	0.04	*0.13*	-	**0.13**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW179S	30 Aug 2016	MW179S_300816	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.2*	0.24	**0.44**	0.46	0.01	-	-	<0.01	<0.05	0.01	0.09	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179S	15 Sep 2016	MW179S_150916	Normal	NSW_0908_PFAS	On Base	-	0.025	*0.25*	0.23	**0.48**	0.505	0.016	0.026	0.014	<0.01	<0.5	0.013	0.051	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	-

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW175D	11 May 2020	0908_MW175D_200511	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	17 Nov 2020	0908_MW175_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	17 May 2021	0908_MW175D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	16 Nov 2021	0908_MW175D_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	16 Nov 2021	0908_QC108_211116	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	19 May 2022	0908_MW175D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	10 Nov 2022	0908_MW175D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	10 May 2023	0908_MW175D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	10 May 2023	0908_QC119_230510	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW175D	22 Nov 2023	0908_MW175D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW177	26 Feb 2016	MW177_26022016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW177	27 Mar 2018	MW177_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	26 Feb 2016	MW178_26022016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	26 Feb 2016	QC142_WG_26022016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW178	10 Jan 2017	MW178_GW_10012017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	27 Mar 2018	MW178_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	26 Nov 2018	0908_MW178_181126	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	21 May 2019	0908_MW178_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	07 Nov 2019	0908_MW178_191107	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	04 Jun 2020	0908_MW178_200604	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	24 Nov 2020	0908_MW178_201124	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	19 May 2021	0908_MW178_210519	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	15 Nov 2021	0908_MW178_211115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	15 Nov 2021	0908_QC107_211115	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	01 Jun 2022	0908_MW178_220601	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	09 Nov 2022	0908_MW178_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	17 May 2023	0908_MW178_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	17 May 2023	0908_QC118_230517	Field_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW178	17 May 2023	0908_QC218_230517	Interlab_D	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW178	21 Nov 2023	0908_MW178_231121	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	20 Jan 2016	MW179D_20012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW179D	30 Aug 2016	MW179D_300816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW179D	18 Oct 2016	MW179D_181016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW179D	16 Jan 2017	MW179D_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW179D	16 Jan 2017	MW179D_160117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW179D	19 Jan 2017	MW179D_GW_19012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	19 Jan 2017	QC715_GW_19012017	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	04 May 2017	MW179D_040517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW179D	22 Nov 2017	0908_MW179D_221117	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	22 Nov 2017	0908_MW179D_221117	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW179D	19 Apr 2018	MW179D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	19 Apr 2018	MW179D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW179D	22 Nov 2018	0908_MW179D_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	30 May 2019	0908_MW179D_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	08 Nov 2019	0908_MW179D_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	13 May 2020	0908_MW179D_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	17 Nov 2020	0908_MW179_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	17 May 2021	0908_MW179D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	16 Nov 2021	0908_MW179D_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	19 May 2022	0908_MW179D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	10 Nov 2022	0908_MW179D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	10 May 2023	0908_MW179D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179D	22 Nov 2023	0908_MW179D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	20 Jan 2016	MW179S_20012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW179S	20 Jan 2016	QC108_WG_20012016	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW179S	30 Aug 2016	MW179S_300816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW179S	15 Sep 2016	MW179S_150916	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.2	<0.01	<0.05	<0.2

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW179S	18 Oct 2016	MW179S_181016	Normal	NSW_0908_PFAS	On Base	-	0.04	*0.09*	0.62	**0.71**	0.75	0.03	-	-	<0.01	<0.05	0.03	0.16	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179S	16 Jan 2017	MW179S_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.01	*0.09*	0.21	**0.3**	0.31	0.02	-	-	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179S	16 Jan 2017	MW179S_160117	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.09*	0.21	**0.3**	0.31	0.02	-	-	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW179S	19 Jan 2017	MW179S_GW_19012017	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.08*	0.26	**0.34**	0.42	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW179S	04 May 2017	MW179S_040517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.06	*0.17*	1.2	**1.37**	1.43	0.08	0.1	0.03	<0.01	<0.05	0.05	0.25	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW179S	19 Apr 2018	MW179S_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	0.06	*0.46*	1.67	**2.13**	3.13	0.17	0.24	0.03	<0.02	<0.1	0.09	0.38	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	22 Nov 2018	0908_MW179S_181122	Normal	NSW_0908_PFAS	On Base	-	0.05	*0.46*	0.83	**1.29**	1.67	0.08	0.09	0.06	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	30 May 2019	0908_MW179S_190530	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.59*	0.74	**1.33**	1.65	0.08	0.12	0.03	<0.02	<0.1	0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	08 Nov 2019	0908_MW179S_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*0.55*	1.51	**2.06**	2.8	0.19	0.24	0.04	<0.02	<0.1	0.04	0.16	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	13 May 2020	0908_MW179S_200513	Normal	NSW_0908_PFASOMP	On Base	-	0.05	*0.14*	1.98	**2.12**	3.03	0.14	0.3	0.02	<0.02	<0.1	0.04	0.3	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	17 Nov 2020	0908_MW179_S_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*0.52*	1.68	**2.2**	2.49	0.06	0.09	0.04	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	17 May 2021	0908_MW179S_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.34	*0.26*	4.84	**5.1**	7.44	0.16	0.38	0.05	<0.02	0.1	0.19	0.85	0.27	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	16 Nov 2021	0908_MW179S_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.29	*0.14*	1.19	**1.33**	2.39	0.04	0.08	0.02	<0.02	0.1	0.1	0.35	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	19 May 2022	0908_MW179S_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.44	*0.22*	1.67	**1.89**	3.04	0.05	0.09	0.02	<0.02	0.1	0.11	0.27	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	10 Nov 2022	0908_MW179S_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.12	*0.19*	0.61	**0.8**	1.19	<0.02	0.02	<0.02	<0.02	<0.1	0.08	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	10 May 2023	0908_MW179S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.37	*0.24*	1.52	**1.76**	2.93	0.04	0.09	0.03	<0.02	0.1	0.14	0.33	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	22 Nov 2023	0908_MW179S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.07	*0.17*	0.37	**0.54**	0.95	<0.02	<0.02	<0.02	<0.02	<0.1	0.09	0.23	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184D	02 Mar 2017	MW184D_170302	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	**1.16**	*41*	9.78	**50.78**	58.8	1.57	1.11	1.61	<0.02	0.2	0.44	1.72	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184D	02 Mar 2017	MW184D_170302	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**50.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW184D	21 Jun 2019	0908_MW184D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.52	*30.2*	3.97	**34.17**	37.8	0.38	0.48	0.69	<0.02	0.2	0.18	1.09	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184D	21 Jun 2019	0908_MW184D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**34.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW184D	27 May 2020	0908_MW184D_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.52	*21.8*	5.36	**27.2**	31.1	0.45	0.57	0.72	<0.02	0.1	0.16	1.24	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184D	13 May 2021	0908_MW184D_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.14	*5.36*	1.7	**7.06**	8.26	0.14	0.17	0.18	<0.02	<0.1	0.07	0.43	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184D	13 May 2021	0908_QC200_210513	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.13	*4.2*	1.3	**5.5**	5.63	0.11	0.12	0.11	<0.01	0.059	0.058	0.3	0.052	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW184D	17 May 2022	0908_MW184D_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.16	*5.22*	1.46	**6.68**	7.77	0.11	0.16	0.14	<0.02	<0.1	0.06	0.38	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184D	17 May 2023	0908_MW184D_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.15	*4.43*	1.6	**6.03**	7.03	0.1	0.14	0.16	<0.02	<0.1	0.06	0.34	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184S	02 Mar 2017	MW184S_170302	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	**0.8**	*23.4*	10.4	**33.8**	40.9	1.16	0.96	1.07	<0.02	0.3	0.65	1.84	0.36	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184S	21 Jun 2019	0908_MW184S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.29	*20.1*	2.62	**22.7**	24.8	0.17	0.23	0.33	<0.02	0.1	0.15	0.72	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184S	21 Jun 2019	0908_MW184S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	**22.72**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW184S	27 May 2020	0908_MW184S_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.04	*5.52*	0.52	**6.04**	6.29	0.04	0.05	0.06	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184S	13 May 2021	0908_MW184S_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.05	*2.68*	1.27	**3.95**	4.39	0.08	0.1	0.09	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184S	13 May 2021	0908_QC100_210513	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.05	*2.63*	1.25	**3.88**	4.32	0.08	0.1	0.09	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184S	17 May 2022	0908_MW184S_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.03	*2.8*	1.19	**3.99**	4.34	0.08	0.1	0.06	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW184S	17 May 2023	0908_MW184S_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.08	*8.82*	1.1	**9.92**	10.4	0.06	0.07	0.11	<0.02	<0.1	0.04	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188D	19 Dec 2016	MW188D_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.07	*0.72*	0.52	**1.24**	1.61	0.08	0.05	0.03	<0.02	<0.1	0.02	0.1	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188D	03 Feb 2017	MW188D_GW_03022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.14	*0.91*	1.31	**2.22**	3.28	0.22	0.23	0.09	<0.01	<0.1	0.06	0.27	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
MW188D	27 Mar 2018	MW188D_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.08	*0.66*	0.73	**1.39**	2.08	0.15	0.1	0.06	<0.02	<0.1	0.06	0.19	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188D	20 Nov 2018	0908_MW188D_181120	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.07	*0.38*	0.41	**0.79**	1.25	0.09	0.06	0.03	<0.02	<0.1	0.03	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188D	22 May 2019	0908_MW188D_190522	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.08	*0.55*	0.72	**1.27**	1.87	0.12	0.1	0.05	<0.02	<0.1	0.03	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188D	13 May 2020	0908_MW188D_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.25	*5.41*	3.11	**8.52**	11.2	0.58	0.52	0.34	<0.02	<0.1	0.12	0.7	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188D	12 May 2021	0908_MW188D_210512	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.05	*0.99*	0.71	**1.7**	2.14	0.11	0.08	0.08	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	22 Jan 2016	MW188_22012016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.09	*0.49*	<0.02	**0.49**	0.58	<0.02	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW188S	22 Jan 2016	QC111_WG_22012016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.08	*0.5*	<0.02	**0.5**	0.58	<0.02	-	-	<0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW188S	19 Dec 2016	MW188S_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.02	*0.91*	0.24	**1.15**	1.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	03 Feb 2017	MW188S_GW_03022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.04	*0.66*	0.16	**0.82**	0.9	0.01	<0.01	0.01	<0.01	<0.1	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
MW188S	27 Mar 2018	MW188S_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.02	*0.34*	0.05	**0.39**	0.41	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	20 Nov 2018	0908_MW188S_181120	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	*0.68*	0.17	**0.85**	0.85	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	21 May 2019	0908_MW188S_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	*0.19*	0.04	**0.23**	0.23	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	13 May 2020	0908_MW188S_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.08	*3.14*	0.66	**3.8**	4.4	0.1	0.09	0.07	<0.02	<0.1	0.04	0.18	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	12 May 2021	0908_MW188S_210512	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.09	*2.93*	0.82	**3.75**	4.5	0.12	0.09	0.09	<0.02	<0.1	0.07	0.24	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	31 May 2022	0908_MW188S_220531	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	*0.02*	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW188S	11 May 2023	0908_MW188S_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.01	*0.02*	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW195	27 Jan 2016	MW195_27012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW195	09 Feb 2017	MW195_GW_09022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.07	0.07	0.13	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW195	27 Mar 2018	MW195_GW_27032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.17*	0.16	**0.33**	0.46	0.02	<0.02	<0.02	<0.02	<0.1	0.05	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW195	27 Nov 2018	0908_MW195_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.01	*0.06*	0.22	**0.28**	0.39	0.02	<0.02	<0.02	<0.02	<0.1	0.04	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW195	27 May 2019	0908_MW195_190527	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.01	*0.05*	0.18	**0.23**	0.29	0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW179S	18 Oct 2016	MW179S_181016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW179S	16 Jan 2017	MW179S_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW179S	16 Jan 2017	MW179S_160117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW179S	19 Jan 2017	MW179S_GW_19012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	04 May 2017	MW179S_040517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW179S	19 Apr 2018	MW179S_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	22 Nov 2018	0908_MW179S_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	30 May 2019	0908_MW179S_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	08 Nov 2019	0908_MW179S_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	13 May 2020	0908_MW179S_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	17 Nov 2020	0908_MW179_S_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	17 May 2021	0908_MW179S_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	16 Nov 2021	0908_MW179S_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	19 May 2022	0908_MW179S_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	10 Nov 2022	0908_MW179S_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	10 May 2023	0908_MW179S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW179S	22 Nov 2023	0908_MW179S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184D	02 Mar 2017	MW184D_170302	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184D	02 Mar 2017	MW184D_170302	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	-	-	-	-
MW184D	21 Jun 2019	0908_MW184D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184D	21 Jun 2019	0908_MW184D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	-	-	-	-
MW184D	27 May 2020	0908_MW184D_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184D	13 May 2021	0908_MW184D_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184D	13 May 2021	0908_QC200_210513	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW184D	17 May 2022	0908_MW184D_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184D	17 May 2023	0908_MW184D_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184S	02 Mar 2017	MW184S_170302	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184S	21 Jun 2019	0908_MW184S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184S	21 Jun 2019	0908_MW184S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	-	-	-	-
MW184S	27 May 2020	0908_MW184S_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184S	13 May 2021	0908_MW184S_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184S	13 May 2021	0908_QC100_210513	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184S	17 May 2022	0908_MW184S_220517	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW184S	17 May 2023	0908_MW184S_230517	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188D	19 Dec 2016	MW188D_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188D	03 Feb 2017	MW188D_GW_03022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.02	<0.01	<0.02	<0.02	<0.01	<0.02
MW188D	27 Mar 2018	MW188D_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188D	20 Nov 2018	0908_MW188D_181120	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188D	22 May 2019	0908_MW188D_190522	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188D	13 May 2020	0908_MW188D_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188D	12 May 2021	0908_MW188D_210512	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	22 Jan 2016	MW188_22012016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW188S	22 Jan 2016	QC111_WG_22012016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW188S	19 Dec 2016	MW188S_GW_19122016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	03 Feb 2017	MW188S_GW_03022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.02	<0.01	<0.02	<0.02	<0.01	<0.02
MW188S	27 Mar 2018	MW188S_GW_27032018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	20 Nov 2018	0908_MW188S_181120	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	21 May 2019	0908_MW188S_190521	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	13 May 2020	0908_MW188S_200513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	12 May 2021	0908_MW188S_210512	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	31 May 2022	0908_MW188S_220531	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW188S	11 May 2023	0908_MW188S_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW195	27 Jan 2016	MW195_27012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW195	09 Feb 2017	MW195_GW_09022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW195	27 Mar 2018	MW195_GW_27032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW195	27 Nov 2018	0908_MW195_181127	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW195	27 May 2019	0908_MW195_190527	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW195	13 May 2020	0908_MW195_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.08*	0.22	**0.3**	0.42	0.03	<0.02	<0.02	<0.02	<0.1	0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW195	12 May 2021	0908_MW195_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.05*	0.07	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW195	16 May 2022	0908_MW195_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.01	*0.05*	0.09	**0.14**	0.17	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW195	09 May 2023	0908_MW195_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.01	*0.1*	0.1	**0.2**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	13 Jan 2016	MW196_13012016	Normal	NSW_0908_PFAS	On Base	-	**0.68**	*35.6*	11.9	**47.5**	48.18	0.18	-	-	<0.02	-	-	0.88	0.22	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW196	05 Sep 2016	MW196_050916	Normal	NSW_0908_PFAS	On Base	-	0.17	*18*	1.8	**19.8**	19.97	0.04	-	-	<0.01	<0.05	0.04	0.22	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW196	15 Sep 2016	MW196_150916	Normal	NSW_0908_PFAS	On Base	-	0.19	*15*	1.3	**16.3**	16.49	0.035	0.052	0.15	<0.01	<0.5	0.03	0.17	0.037	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	-
MW196	18 Jan 2017	MW196_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	0.42	*22.3*	2.67	**24.97**	26.6	0.12	0.17	0.29	<0.02	<0.1	0.1	0.39	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	18 Jan 2017	MW196_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**25**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW196	20 Apr 2018	MW196_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	0.24	*19*	2.35	**21.4**	22.4	0.04	0.08	0.19	<0.02	<0.1	0.08	0.32	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	20 Apr 2018	MW196_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**21.35**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW196	30 Nov 2018	0908_MW196_181130	Normal	NSW_0908_PFAS	On Base	-	0.05	*6.94*	1.03	**7.97**	8.24	<0.02	0.02	0.05	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	29 May 2019	0908_MW196_190529	Normal	NSW_0908_PFAS	On Base	-	0.22	*13.7*	2.54	**16.2**	17.1	0.04	0.08	0.15	<0.02	<0.1	0.05	0.29	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	29 May 2019	0908_MW196_190529	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**16.24**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW196	06 Nov 2019	0908_MW196_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.32	*13.6*	3.04	**16.6**	17.8	0.04	0.08	0.22	<0.02	<0.1	0.08	0.39	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	22 May 2020	0908_MW196_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.35	*17.2*	3.3	**20.5**	21.9	0.04	0.09	0.25	<0.02	<0.1	0.1	0.5	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	26 Nov 2020	0908_MW196_201126	Normal	NSW_0908_PFASOMP	On Base	-	0.13	*9.81*	1.7	**11.5**	12.2	0.02	0.06	0.11	<0.02	<0.1	0.05	0.26	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	26 Nov 2020	0908_QC105_201126	Field_D	NSW_0908_PFASOMP	On Base	-	0.07	*2.46*	1.43	**3.89**	4.47	0.06	0.13	0.1	<0.02	<0.1	0.04	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	26 Nov 2020	0908_QC205_201126	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.049	*1.7*	1.4	**3.1**	3.149	0.048	0.083	0.053	<0.01	<0.05	0.035	0.11	0.013	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW196	19 May 2021	0908_MW196_210519	Normal	NSW_0908_PFASOMP	On Base	-	0.19	*19.8*	1.77	**21.6**	22.3	0.02	0.05	0.16	<0.02	<0.1	0.04	0.26	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	10 Nov 2021	0908_MW196_211110	Normal	NSW_0908_PFASOMP	On Base	-	0.21	*23.1*	1.53	**24.6**	25.6	0.02	0.04	0.15	<0.02	<0.1	0.07	0.38	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	30 May 2022	0908_MW196_220530	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*7.36*	0.4	**7.76**	8.02	<0.02	<0.02	0.06	<0.02	<0.1	0.02	0.1	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	09 Nov 2022	0908_MW196_221109	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*3.83*	0.25	**4.08**	4.23	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	10 May 2023	0908_MW196_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.1	*13.9*	0.56	**14.5**	14.8	<0.02	<0.02	0.07	<0.02	<0.1	0.03	0.12	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW196	22 Nov 2023	0908_MW196_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.1	*9*	0.52	**9.52**	9.9	<0.02	<0.02	0.07	<0.02	<0.1	0.04	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	13 Jan 2016	MW198_13012016	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.71*	-	**0.71**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW198	05 Sep 2016	MW198_050916	Normal	NSW_0908_PFAS	On Base	-	0.02	*1.9*	0.96	**2.86**	2.88	0.04	-	-	<0.01	<0.05	0.03	0.11	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW198	20 Oct 2016	MW198_201016	Normal	NSW_0908_PFAS	On Base	-	0.03	*1.7*	0.82	**2.52**	2.55	0.04	-	-	<0.01	<0.05	0.02	0.1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW198	16 Jan 2017	MW198_GW_16012017	Normal	NSW_0908_PFAS	On Base	-	0.21	*4.36*	2.63	**6.99**	8.46	0.12	0.23	0.24	<0.02	<0.1	0.13	0.42	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	16 Jan 2017	QC714_GW_16012017	Field_D	NSW_0908_PFAS	On Base	-	0.21	*4.31*	2.64	**6.95**	8.47	0.13	0.28	0.24	<0.02	<0.1	0.13	0.41	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	18 Jan 2017	MW198_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.12	*3.3*	1.9	**5.2**	5.32	0.09	-	-	<0.01	0.06	0.06	0.33	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW198	05 May 2017	MW198_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.09	*2.8*	3.1	**5.9**	5.99	0.16	0.32	0.2	<0.01	0.06	0.08	0.35	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	0.07	<0.01
MW198	20 Apr 2018	MW198_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	**0.59**	*18.3*	6.15	**24.4**	26.8	0.15	0.27	0.5	<0.02	<0.1	0.14	0.62	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	20 Apr 2018	MW198_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**24.45**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW198	30 Nov 2018	0908_MW198_181130	Normal	NSW_0908_PFAS	On Base	-	0.12	*18.2*	3.56	**21.8**	23.2	0.14	0.23	0.17	<0.02	<0.1	0.13	0.61	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	30 Nov 2018	0908_MW198_181130	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**21.76**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW198	29 May 2019	0908_MW198_190529	Normal	NSW_0908_PFAS	On Base	-	0.32	*13.6*	2.91	**16.5**	17.8	0.08	0.16	0.34	<0.02	<0.1	0.06	0.27	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	29 May 2019	0908_MW198_190529	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**16.51**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW198	06 Nov 2019	0908_MW198_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.23	*6.29*	3.39	**9.68**	11.2	0.15	0.28	0.3	<0.02	<0.1	0.1	0.39	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	22 May 2020	0908_MW198_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.1	*6.2*	1.86	**8.06**	8.84	0.08	0.14	0.15	<0.02	<0.1	0.08	0.2	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	26 Nov 2020	0908_MW198_201126	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*2.16*	1.42	**3.58**	4.1	0.05	0.12	0.08	<0.02	<0.1	0.04	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	19 May 2021	0908_MW198_210519	Normal	NSW_0908_PFASOMP	On Base	-	0.11	*3.26*	2.67	**5.93**	7.26	0.14	0.28	0.14	<0.02	0.1	0.11	0.4	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	10 Nov 2021	0908_MW198_211110	Normal	NSW_0908_PFASOMP	On Base	-	0.16	*6.07*	5.53	**11.6**	13.4	0.22	0.45	0.22	<0.02	<0.1	0.1	0.61	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	30 May 2022	0908_MW198_220530	Normal	NSW_0908_PFASOMP	On Base	-	0.08	*3.42*	3.46	**6.88**	7.88	0.08	0.27	0.16	<0.02	<0.1	0.06	0.3	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	30 May 2022	0908_QC117_220530	Field_D	NSW_0908_PFASOMP	On Base	-	0.14	*4.44*	4.6	**9.04**	10.4	0.1	0.36	0.21	<0.02	<0.1	0.07	0.42	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	09 Nov 2022	0908_MW198_221109	Normal	NSW_0908_PFASOMP	On Base	-	0.08	*4.39*	2.64	**7.03**	7.55	0.04	0.15	0.11	<0.02	<0.1	0.03	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	10 May 2023	0908_MW198_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.04	*3.3*	1.84	**5.14**	5.33	<0.02	0.07	0.04	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW198	22 Nov 2023	0908_MW198_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.14	*7.35*	0.6	**7.95**	8.35	<0.02	0.04	0.08	<0.02	<0.1	0.04	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW200	14 Jan 2016	MW200_14012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.14*	-	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW200	05 Sep 2016	MW200_050916	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.27*	0.15	**0.42**	0.42	<0.01	-	-	<0.01	<0.05	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW200	21 Oct 2016	MW200_211016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.19*	0.07	**0.26**	0.26	<0.01	-	-	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW200	18 Jan 2017	MW200_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.27*	0.09	**0.36**	0.36	<0.01	-	-	<0.01	<0.05	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW200	18 Jan 2017	MW200_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.33*	0.24	**0.57**	0.66	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.06	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW200	18 Jan 2017	QC715_GW_18012017	Field_D	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.45	**0.45**	0.66	0.06	0.06	<0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW200	05 May 2017	MW200_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.01	*0.39*	0.2	**0.59**	0.6	0.01	0.02	<0.01	<0.01	<0.05	0.02	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	0.12	<0.01
MW200	29 May 2019	0908_MW200_190529	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.26*	0.04	**0.3**	0.33	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW200	22 May 2020	0908_MW200_200522	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.27*	0.04	**0.31**	0.34	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW195	13 May 2020	0908_MW195_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW195	12 May 2021	0908_MW195_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW195	16 May 2022	0908_MW195_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW195	09 May 2023	0908_MW195_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	13 Jan 2016	MW196_13012016	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW196	05 Sep 2016	MW196_050916	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW196	15 Sep 2016	MW196_150916	Normal	NSW_0908_PFAS	On Base	-		<0.01	<0.02	<0.01	<0.2	<0.01	<0.05	<0.2
MW196	18 Jan 2017	MW196_GW_18012017	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	18 Jan 2017	MW196_GW_18012017	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW196	20 Apr 2018	MW196_GW_20042018	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	20 Apr 2018	MW196_GW_20042018	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW196	30 Nov 2018	0908_MW196_181130	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	29 May 2019	0908_MW196_190529	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	29 May 2019	0908_MW196_190529	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW196	06 Nov 2019	0908_MW196_191107	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	22 May 2020	0908_MW196_200522	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	26 Nov 2020	0908_MW196_201126	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	26 Nov 2020	0908_QC105_201126	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	26 Nov 2020	0908_QC205_201126	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW196	19 May 2021	0908_MW196_210519	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	10 Nov 2021	0908_MW196_211110	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	30 May 2022	0908_MW196_220530	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	09 Nov 2022	0908_MW196_221109	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	10 May 2023	0908_MW196_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW196	22 Nov 2023	0908_MW196_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	13 Jan 2016	MW198_13012016	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW198	05 Sep 2016	MW198_050916	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW198	20 Oct 2016	MW198_201016	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW198	16 Jan 2017	MW198_GW_16012017	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	16 Jan 2017	QC714_GW_16012017	Field_D	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	18 Jan 2017	MW198_180117	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW198	05 May 2017	MW198_050517	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05
MW198	20 Apr 2018	MW198_GW_20042018	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	20 Apr 2018	MW198_GW_20042018	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW198	30 Nov 2018	0908_MW198_181130	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	30 Nov 2018	0908_MW198_181130	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW198	29 May 2019	0908_MW198_190529	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	29 May 2019	0908_MW198_190529	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW198	06 Nov 2019	0908_MW198_191107	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	22 May 2020	0908_MW198_200522	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	26 Nov 2020	0908_MW198_201126	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	19 May 2021	0908_MW198_210519	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	10 Nov 2021	0908_MW198_211110	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	30 May 2022	0908_MW198_220530	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	30 May 2022	0908_QC117_220530	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	09 Nov 2022	0908_MW198_221109	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	10 May 2023	0908_MW198_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW198	22 Nov 2023	0908_MW198_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW200	14 Jan 2016	MW200_14012016	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW200	05 Sep 2016	MW200_050916	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW200	21 Oct 2016	MW200_211016	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW200	18 Jan 2017	MW200_180117	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW200	18 Jan 2017	MW200_GW_18012017	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW200	18 Jan 2017	QC715_GW_18012017	Field_D	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW200	05 May 2017	MW200_050517	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW200	29 May 2019	0908_MW200_190529	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW200	22 May 2020	0908_MW200_200522	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW200	19 May 2021	0908_MW200_210519	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.2*	<0.02	**0.2**	0.2	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW200	30 May 2022	0908_MW200_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.4*	0.06	**0.46**	0.48	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW200	10 May 2023	0908_MW200_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.23*	0.04	**0.27**	0.27	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201D	21 Jan 2016	MW201D_21012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW201D	05 Sep 2016	MW201D_050916	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.16	**0.16**	0.16	0.01	-	-	<0.01	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW201D	21 Oct 2016	MW201D_211016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.07	**0.09**	0.09	<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	-
MW201D	18 Jan 2017	MW201D_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.06*	0.08	**0.14**	0.14	<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	-
MW201D	18 Jan 2017	MW201D_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.1	**0.1**	0.1	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201D	05 May 2017	MW201D_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.02*	0.06	**0.08**	0.08	0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW201D	29 May 2019	0908_MW201D_190529	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.11*	0.45	**0.56**	0.66	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201D	22 May 2020	0908_MW201D_200522	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.08*	0.38	**0.46**	0.55	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201D	30 May 2022	0908_MW201D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201D	10 May 2023	0908_MW201D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201S	21 Jan 2016	MW201S_21012016	Normal	NSW_0908_PFAS	On Base	-	0.02	*4.12*	-	**4.12**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW201S	05 Sep 2016	MW201S_050916	Normal	NSW_0908_PFAS	On Base	-	0.02	*3*	0.21	**3.21**	3.23	0.02	-	-	<0.01	<0.05	0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW201S	15 Sep 2016	MW201S_150916	Normal	NSW_0908_PFAS	On Base	-	0.058	*5.5*	0.49	**5.99**	6.048	0.045	0.049	0.11	<0.01	<0.5	0.028	0.14	0.017	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	-
MW201S	21 Oct 2016	MW201S_211016	Normal	NSW_0908_PFAS	On Base	-	0.07	*4.3*	1.5	**5.8**	5.87	0.07	-	-	<0.01	<0.05	0.04	0.25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW201S	18 Jan 2017	MW201S_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.1	*8.7*	1.5	**10.2**	10.3	0.12	-	-	<0.01	0.06	0.06	0.4	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW201S	18 Jan 2017	MW201S_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	0.16	*14.8*	2.58	**17.38**	18.7	0.16	0.16	0.22	<0.02	<0.1	0.13	0.42	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW201S	18 Jan 2017	MW201S_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**17.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW201S	05 May 2017	MW201S_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.1	*6.6*	1	**7.6**	7.7	0.05	0.08	0.18	<0.01	<0.05	0.05	0.18	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW201S	29 May 2019	0908_MW201S_190529	Normal	NSW_0908_PFAS	On Base	-	0.12	*4*	1.96	**5.96**	6.82	0.09	0.15	0.12	<0.02	<0.1	0.08	0.26	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW201S	22 May 2020	0908_MW201S_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.35	*17.4*	7.46	**24.9**	27.4	0.15	0.28	0.34	<0.02	0.1	0.24	0.93	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201S	19 May 2021	0908_MW201S_210519	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*1.49*	0.46	**1.95**	2.15	0.03	0.03	0.03	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201S	30 May 2022	0908_MW201S_220530	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*1.76*	0.82	**2.58**	2.71	<0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW201S	10 May 2023	0908_MW201S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.03	*1.08*	0.48	**1.56**	1.68	<0.02	<0.02	0.05	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	20 Jan 2016	MW202D_20012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW202D	31 Aug 2016	MW202D_310816	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.04	0.04	0.04	0.02	-	-	<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	-
MW202D	18 Oct 2016	MW202D_181016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.01*	0.03	0.04	0.04	<0.01	-	-	<0.01	<0.05	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW202D	18 Jan 2017	MW202D_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.03*	0.03	0.06	0.06	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	-
MW202D	18 Jan 2017	MW202D_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	05 May 2017	MW202D_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.04*	0.08	**0.12**	0.12	0.02	0.02	<0.01	<0.01	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW202D	04 Apr 2018	MW202D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.07*	0.07	**0.14**	0.14	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	04 Apr 2018	QC102_GW_04042018	Field_D	NSW_0908_PFAS	On Base	-	<0.01	*0.08*	0.05	**0.13**	0.15	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	04 Apr 2018	QC102_GW_04042018	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	*0.06*	0.044	**0.104**	0.104	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	0.013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.016	<0.01	<0.01
MW202D	22 Nov 2018	0908_MW202D_181122	Normal	NSW_0908_PFAS	On Base	-	<0.01	*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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	22 Nov 2018	0908_MW202D_181122	Normal	NSW_0908_PFAS	On Base	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW202D	30 May 2019	0908_MW202D_190530	Normal	NSW_0908_PFAS	On Base	-	<0.01	*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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	30 May 2019	0908_MW202D_190530	Normal	NSW_0908_PFAS	On Base	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW202D	08 Nov 2019	0908_MW202D_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.05*	0.8	**0.85**	1.28	0.09	0.1	<0.02	<0.02	<0.1	0.04	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	29 May 2020	0908_MW202D_200529	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.07*	0.11	**0.18**	0.22	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	17 Nov 2020	0908_MW202_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.18*	0.48	**0.66**	0.94	0.05	0.06	0.02	<0.02	<0.1	0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	17 May 2021	0908_MW202D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	10 Nov 2021	0908_MW202D_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	0.03	0.07	0.07	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	19 May 2022	0908_MW202D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.12*	0.1	**0.22**	0.24	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	19 May 2022	0908_QC212_220519	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.11*	0.05	**0.16**	0.16	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW202D	10 Nov 2022	0908_MW202D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.14*	0.09	**0.23**	0.23	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	10 May 2023	0908_MW202D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.02	*0.52*	0.41	**0.93**	1.14	0.03	0.04	0.05	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	22 Nov 2023	0908_MW202D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.13*	0.07	**0.2**	0.2	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	20 Jan 2016	MW202S_20012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.28*	-	**0.28**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW202S	31 Aug 2016	MW202S_310816	Normal	NSW_0908_PFAS	On Base	-	0.02	*1*	0.43	**1.43**	1.45	0.01	-	-	<0.01	<0.05	0.02	0.12	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW202S	15 Sep 2016	MW202S_150916	Normal	NSW_0908_PFAS	On Base	-	0.03	*0.82*	0.37	**1.19**	1.22	0.019	0.033	0.032	<0.01	<0.5	0.025	0.073	0.011	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	-
MW202S	18 Oct 2016	MW202S_181016	Normal	NSW_0908_PFAS	On Base	-	0.03	*1.9*	0.55	**2.45**	2.48	0.02	-	-	<0.01	<0.05	0.02	0.11	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW202S	18 Jan 2017	MW202S_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.03	*1.3*	0.37	**1.67**	1.7	0.01	-	-	<0.01	<0.05	0.02	0.07	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW202S	18 Jan 2017	MW202S_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.45*	0.23	**0.68**	0.76	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	18 Jan 2017	QC113_180117	Field_D	ACTNSW_Hist_202012-3	On Base	-	0.03	*0.76*	0.2	**0.96**	0.99	<0.01	-	-	<0.01	<0.05	0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW202S	15 Feb 2017	MW202S_150217	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*0.53*	0.13	**0.66**	0.68	<0.01	-	-	<0.01	<0.05	0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW200	19 May 2021	0908_MW200_210519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW200	30 May 2022	0908_MW200_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW200	10 May 2023	0908_MW200_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201D	21 Jan 2016	MW201D_21012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW201D	05 Sep 2016	MW201D_050916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW201D	21 Oct 2016	MW201D_211016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW201D	18 Jan 2017	MW201D_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW201D	18 Jan 2017	MW201D_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201D	05 May 2017	MW201D_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW201D	29 May 2019	0908_MW201D_190529	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201D	22 May 2020	0908_MW201D_200522	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201D	30 May 2022	0908_MW201D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201D	10 May 2023	0908_MW201D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201S	21 Jan 2016	MW201S_21012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW201S	05 Sep 2016	MW201S_050916	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW201S	15 Sep 2016	MW201S_150916	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.2	<0.01	<0.05	<0.2
MW201S	21 Oct 2016	MW201S_211016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW201S	18 Jan 2017	MW201S_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW201S	18 Jan 2017	MW201S_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201S	18 Jan 2017	MW201S_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW201S	05 May 2017	MW201S_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW201S	29 May 2019	0908_MW201S_190529	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201S	22 May 2020	0908_MW201S_200522	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201S	19 May 2021	0908_MW201S_210519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201S	30 May 2022	0908_MW201S_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW201S	10 May 2023	0908_MW201S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	20 Jan 2016	MW202D_20012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW202D	31 Aug 2016	MW202D_310816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW202D	18 Oct 2016	MW202D_181016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW202D	18 Jan 2017	MW202D_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW202D	18 Jan 2017	MW202D_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	05 May 2017	MW202D_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW202D	04 Apr 2018	MW202D_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	04 Apr 2018	QC102_GW_04042018	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	04 Apr 2018	QC102_GW_04042018	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW202D	22 Nov 2018	0908_MW202D_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	22 Nov 2018	0908_MW202D_181122	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW202D	30 May 2019	0908_MW202D_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	30 May 2019	0908_MW202D_190530	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW202D	08 Nov 2019	0908_MW202D_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	29 May 2020	0908_MW202D_200529	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	17 Nov 2020	0908_MW202_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	17 May 2021	0908_MW202D_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	10 Nov 2021	0908_MW202D_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	19 May 2022	0908_MW202D_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	19 May 2022	0908_QC212_220519	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW202D	10 Nov 2022	0908_MW202D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	10 May 2023	0908_MW202D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202D	22 Nov 2023	0908_MW202D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	20 Jan 2016	MW202S_20012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW202S	31 Aug 2016	MW202S_310816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW202S	15 Sep 2016	MW202S_150916	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.2	<0.01	<0.05	<0.2
MW202S	18 Oct 2016	MW202S_181016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW202S	18 Jan 2017	MW202S_180117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW202S	18 Jan 2017	MW202S_GW_18012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	18 Jan 2017	QC113_180117	Field_D	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW202S	15 Feb 2017	MW202S_150217	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW202S	15 Feb 2017	MW202S_150217	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.53*	0.13	**0.66**	0.68	<0.01	-	-	<0.01	<0.05	0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW202S	15 Feb 2017	QC118_150217	Field_D	ACTNSW_Hist_202012-3	On Base	-	0.02	*0.6*	0.09	**0.69**	0.71	<0.01	-	-	<0.01	<0.05	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW202S	05 May 2017	MW202S_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*0.69*	0.35	**1.04**	1.06	0.02	0.03	0.02	<0.01	<0.05	0.02	0.06	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW202S	04 Apr 2018	MW202S_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.15*	0.05	**0.2**	0.3	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW202S	22 Nov 2018	0908_MW202S_181122	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.8*	0.16	**0.96**	0.96	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	30 May 2019	0908_MW202S_190530	Normal	NSW_0908_PFAS	On Base	-	0.01	*1.38*	0.08	**1.46**	1.47	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	08 Nov 2019	0908_MW202S_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.81*	0.14	**0.95**	0.96	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	24 May 2021	0908_MW202S_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.61*	0.3	**0.91**	0.94	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	10 Nov 2021	0908_MW202S_211110	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.34*	0.11	**0.45**	0.55	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	19 May 2022	0908_MW202S_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.65*	0.41	**1.06**	1.17	<0.02	0.02	<0.02	<0.02	<0.1	0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	19 May 2022	0908_QC112_220519	Field_D	NSW_0908_PFASOMP	On Base	-	0.01	*0.71*	0.41	**1.12**	1.22	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	10 Nov 2022	0908_MW202S_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.44*	0.34	**0.78**	0.85	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	10 May 2023	0908_MW202S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.2*	0.1	**0.3**	0.3	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	22 Nov 2023	0908_MW202S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.02	*0.25*	0.34	**0.59**	0.65	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	27 Jan 2016	MW208_27012016	Normal	NSW_0908_PFAS	On Base	-	0.1	*13.2*	-	**13.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW208	27 Jan 2016	QC114_WG_27012016	Interlab_D	NSW_0908_PFAS	On Base	-	0.082	*12*	-	**12**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-
MW208	26 Aug 2016	MW208_260816	Normal	NSW_0908_PFAS	On Base	-	0.23	*13*	2.8	**15.8**	16.03	0.16	-	-	<0.01	0.1	0.22	2.2	0.34	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW208	18 Oct 2016	MW208_181016	Normal	NSW_0908_PFAS	On Base	-	0.2	*12*	11	**23**	23.2	0.1	-	-	<0.01	0.06	0.12	0.97	0.62	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW208	18 Oct 2016	QC103_181016	Field_D	NSW_0908_PFAS	On Base	-	0.17	*10*	9.4	**19.4**	19.57	0.1	-	-	<0.01	<0.05	0.11	0.79	0.48	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW208	17 Jan 2017	MW208_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.35	*13*	4.1	**17.1**	17.45	0.05	-	-	<0.01	0.07	0.06	0.44	0.08	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW208	17 Jan 2017	MW208_170117	Normal	NSW_0908_PFAS	On Base	-	0.35	*13*	4.1	**17.1**	17.45	0.05	-	-	<0.01	0.07	0.06	0.44	0.08	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW208	19 Jan 2017	MW208_GW_170119	Normal	NSW_0908_PFAS	On Base	-	0.32	*8.8*	7.72	**16.5**	18.1	0.13	0.16	0.28	<0.02	<0.1	0.1	0.53	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	19 Jan 2017	MW208_GW_170119	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**16.52**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW208	09 May 2017	MW208_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	**0.92**	*17*	5.7	**22.7**	23.62	0.11	0.18	0.34	<0.01	0.22	0.3	0.84	0.34	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW208	28 May 2019	0908_MW208_190528	Normal	NSW_0908_PFAS	On Base	-	0.12	*8.37*	1.94	**10.3**	11	0.02	0.04	0.21	<0.02	<0.1	0.05	0.19	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	28 May 2019	0908_MW208_190528	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**10.31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW208	17 Oct 2019	0908_MW208_191017	Normal	NSW_0908_PFASMGMT	On Base	-	0.1	*6.98*	1.13	**8.11**	8.72	0.04	0.07	0.13	<0.02	<0.1	0.07	0.18	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	06 Nov 2019	0908_MW208_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.09	*6.86*	1.3	**8.16**	8.85	0.04	0.05	0.12	<0.02	<0.1	0.09	0.25	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	12 May 2020	0908_MW208_200512	Normal	NSW_0908_PFASOMP	On Base	-	0.1	*7.06*	1.17	**8.23**	8.75	0.03	0.04	0.21	<0.02	<0.1	0.04	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	17 Nov 2020	0908_MW208_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.54	*21.7*	5.67	**27.4**	31.2	0.14	0.42	1.16	<0.02	0.1	0.26	1	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	14 May 2021	0908_MW208_210514	Normal	NSW_0908_PFASOMP	On Base	-	0.18	*9.62*	2.8	**12.4**	16	0.67	0.7	0.19	<0.02	0.1	0.38	1.22	0.12	0.04	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	08 Nov 2021	0908_MW208_211108	Normal	NSW_0908_PFASOMP	On Base	-	0.27	*11.7*	4.05	**15.8**	20.5	0.24	0.35	0.15	<0.02	0.2	0.3	1.8	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	1.29	<0.05	<0.05
MW208	24 May 2022	0908_MW208_220524	Normal	NSW_0908_PFASOMP	On Base	-	0.36	*24.1*	5.11	**29.2**	31.1	0.07	0.17	0.53	<0.02	0.1	0.09	0.43	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	08 Nov 2022	0908_MW208_221108	Normal	NSW_0908_PFASOMP	On Base	-	0.39	*8.3*	5.31	**13.6**	15.8	0.14	0.15	0.6	<0.02	0.1	0.14	0.56	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	08 May 2023	0908_MW208_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	0.26	*11*	2.87	**13.9**	15.9	0.08	0.15	0.61	<0.02	<0.1	0.16	0.58	0.13	0.03	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW208	23 Nov 2023	0908_MW208_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	0.18	*9.08*	2.01	**11.1**	12.4	0.06	0.06	0.23	<0.02	<0.1	0.15	0.33	0.09	0.16	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	12 Jan 2016	MW209D_12012016	Normal	NSW_0908_PFAS	On Base	-	0.02	*2.5*	-	**2.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW209D	25 Aug 2016	MW209D_250816	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.44*	0.26	**0.7**	0.72	<0.01	-	-	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW209D	19 Oct 2016	MW209D_191016	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.55*	0.33	**0.88**	0.9	<0.01	-	-	<0.01	<0.05	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW209D	13 Jan 2017	MW209D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.01	*0.23*	0.19	**0.42**	0.43	<0.01	-	-	<0.01	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW209D	17 Jan 2017	MW209D_GW_170117	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.66*	0.26	**0.92**	0.96	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	03 May 2017	MW209D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.01	*0.72*	0.15	**0.87**	0.88	<0.01	<0.01	0.02	<0.01	<0.05	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW209D	03 Apr 2018	MW209D_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	0.01	*2.51*	0.32	**2.83**	2.87	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	28 Jun 2018	0908_MW209D_180628	Normal	NSW_0908_Stage2	On Base	-	0.03	*2.15*	0.64	**2.79**	2.9	<0.02	<0.02	0.05	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	21 Nov 2018	0908_MW209D_181121	Normal	NSW_0908_PFAS	On Base	-	0.03	*2.66*	0.79	**3.45**	3.73	0.05	0.07	0.04	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	28 May 2019	0908_MW209D_190528	Normal	NSW_0908_PFAS	On Base	-	0.02	*4.73*	0.57	**5.3**	5.42	<0.02	0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	01 Nov 2019	0908_QC100_191104	Field_D	NSW_0908_PFASOMP	On Base	-	0.02	*2.02*	0.22	**2.24**	2.3	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	04 Nov 2019	0908_MW209D_191104	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*2.99*	0.27	**3.26**	3.36	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	04 Nov 2019	0908_QC200_191104	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.78*	0.092	**0.872**	0.872	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW209D	12 May 2020	0908_MW209D_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*3.62*	0.17	**3.79**	3.82	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	17 Nov 2020	0908_MW209_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.22*	0.06	**0.28**	0.28	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	14 May 2021	0908_MW209D_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	08 Nov 2021	0908_MW209D_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.12*	0.01	**0.13**	0.29	<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	<0.05	<0.05	0.16	<0.05	<0.05
MW209D	24 May 2022	0908_MW209D_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW209S	12 Jan 2016	MW209S_12012016	Normal	NSW_0908_PFAS	On Base	-	0.01	*1.89*	-	**1.89**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW209S	25 Aug 2016	MW209S_250816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*1.2*	0.06	**1.26**	1.26	<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	<0.05	<0.01	-
MW209S	19 Oct 2016	MW209S_191016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*1.3*	0.06	**1.36**	1.36	<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	<0.05	<0.01	-

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW202S	15 Feb 2017	MW202S_150217	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW202S	15 Feb 2017	QC118_150217	Field_D	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW202S	05 May 2017	MW202S_050517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW202S	04 Apr 2018	MW202S_GW_04042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	22 Nov 2018	0908_MW202S_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	30 May 2019	0908_MW202S_190530	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	08 Nov 2019	0908_MW202S_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	24 May 2021	0908_MW202S_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	10 Nov 2021	0908_MW202S_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	19 May 2022	0908_MW202S_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	19 May 2022	0908_QC112_220519	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	10 Nov 2022	0908_MW202S_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	10 May 2023	0908_MW202S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW202S	22 Nov 2023	0908_MW202S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	27 Jan 2016	MW208_27012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW208	27 Jan 2016	QC114_WG_27012016	Interlab_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW208	26 Aug 2016	MW208_260816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW208	18 Oct 2016	MW208_181016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW208	18 Oct 2016	QC103_181016	Field_D	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW208	17 Jan 2017	MW208_170117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW208	17 Jan 2017	MW208_170117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW208	19 Jan 2017	MW208_GW_170119	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	19 Jan 2017	MW208_GW_170119	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW208	09 May 2017	MW208_090517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.2	<0.05	<0.05	<0.2	<0.05	<0.05
MW208	28 May 2019	0908_MW208_190528	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	28 May 2019	0908_MW208_190528	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW208	17 Oct 2019	0908_MW208_191017	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	06 Nov 2019	0908_MW208_191106	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	12 May 2020	0908_MW208_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	17 Nov 2020	0908_MW208_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	14 May 2021	0908_MW208_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	08 Nov 2021	0908_MW208_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	24 May 2022	0908_MW208_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	08 Nov 2022	0908_MW208_221108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	08 May 2023	0908_MW208_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW208	23 Nov 2023	0908_MW208_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	12 Jan 2016	MW209D_12012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW209D	25 Aug 2016	MW209D_250816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW209D	19 Oct 2016	MW209D_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW209D	13 Jan 2017	MW209D_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW209D	17 Jan 2017	MW209D_GW_170117	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	03 May 2017	MW209D_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW209D	03 Apr 2018	MW209D_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	28 Jun 2018	0908_MW209D_180628	Normal	NSW_0908_Stage2	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	21 Nov 2018	0908_MW209D_181121	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	28 May 2019	0908_MW209D_190528	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	01 Nov 2019	0908_QC100_191104	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	04 Nov 2019	0908_MW209D_191104	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	04 Nov 2019	0908_QC200_191104	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05
MW209D	12 May 2020	0908_MW209D_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	17 Nov 2020	0908_MW209_D_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	14 May 2021	0908_MW209D_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	08 Nov 2021	0908_MW209D_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209D	24 May 2022	0908_MW209D_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	12 Jan 2016	MW209S_12012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW209S	25 Aug 2016	MW209S_250816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW209S	19 Oct 2016	MW209S_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW209S	13 Jan 2017	MW209S_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*1.2*	0.07	**1.27**	1.27	<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	<0.05	<0.01	-
MW209S	17 Jan 2017	MW209S_GW_170117	Normal	NSW_0908_PFAS	On Base	-	0.02	*1.48*	0.21	**1.69**	1.71	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	03 May 2017	MW209S_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*1.1*	0.21	**1.31**	1.33	<0.01	<0.01	0.03	<0.01	<0.05	<0.05	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<2	<0.05	<0.01
MW209S	03 Apr 2018	MW209S_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	0.01	*2.67*	0.23	**2.9**	3	<0.02	0.02	0.02	<0.02	<0.1	0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	28 Jun 2018	0908_MW209S_180628	Normal	NSW_0908_Stage2	On Base	-	<0.01	*2.67*	0.15	**2.82**	2.85	<0.02	<0.02	0.03	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	21 Nov 2018	0908_MW209S_181121	Normal	NSW_0908_PFAS	On Base	-	0.01	*1.14*	0.25	**1.39**	1.45	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	28 May 2019	0908_MW209S_190528	Normal	NSW_0908_PFAS	On Base	-	0.02	*2.38*	0.32	**2.7**	2.77	<0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	28 May 2019	0908_QC103_190528	Field_D	NSW_0908_PFAS	On Base	-	0.02	*2.76*	0.31	**3.07**	3.15	<0.02	<0.02	0.04	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	28 May 2019	0908_QC203_190528	Interlab_D	NSW_0908_PFAS	On Base	-	0.018	*1.4*	0.34	**1.74**	1.758	<0.01	0.01	0.03	<0.01	<0.05	<0.02	0.026	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW209S	06 Nov 2019	0908_MW209S_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*2.95*	0.21	**3.16**	3.28	<0.02	<0.02	0.02	<0.02	<0.1	0.03	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	12 May 2020	0908_MW209S_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*2.43*	0.04	**2.47**	2.47	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	17 Nov 2020	0908_MW209_S_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*1.9*	0.18	**2.08**	2.12	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	14 May 2021	0908_MW209S_210514	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*2.76*	2.01	**4.77**	5.31	0.05	0.1	0.08	<0.02	<0.1	0.02	0.21	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	14 May 2021	0908_QC103_210514	Field_D	NSW_0908_PFASOMP	On Base	-	0.06	*2.72*	1.99	**4.71**	5.27	0.05	0.1	0.08	<0.02	<0.1	0.02	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	14 May 2021	0908_QC203_210514	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.045	*2.2*	1.6	**3.8**	3.845	0.044	0.087	0.054	<0.01	<0.05	0.027	0.17	0.021	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW209S	08 Nov 2021	0908_MW209S_211108	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*2.2*	0.14	**2.34**	2.35	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW209S	24 May 2022	0908_MW209S_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.58*	0.05	**0.63**	0.65	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	<0.02	<0.05	<0.05	<0.05	<0.05
MW210D	18 Jan 2016	MW210D_18012016	Normal	NSW_0908_PFAS	On Base	-	0.02	<0.01	0.5	**0.5**	0.52	0.67	-	-	<0.02	-	-	0.66	0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW210D	26 Aug 2016	MW210D_260816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.38	**0.4**	0.4	0.29	-	-	<0.01	<0.05	0.06	0.42	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210D	17 Oct 2016	MW210D_171016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.46	**0.48**	0.48	0.38	-	-	<0.01	0.06	0.08	0.41	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210D	13 Jan 2017	MW210D_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.35	**0.35**	1.1	0.48	0.11	<0.02	<0.02	<0.1	0.09	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210D	13 Jan 2017	QC712_GW_13012017	Field_D	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.31	**0.31**	1.05	0.48	0.1	<0.02	<0.02	<0.1	0.1	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210D	16 Jan 2017	MW210D_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	<0.01	0.27	**0.27**	0.27	0.22	-	-	<0.01	<0.05	0.04	0.24	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210D	16 Jan 2017	MW210D_160117	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.27	**0.27**	0.27	0.22	-	-	<0.01	<0.05	0.04	0.24	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210D	08 May 2017	MW210D_080517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.02*	0.41	**0.43**	0.43	0.35	0.18	<0.01	<0.01	<0.05	0.07	0.31	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW210D	28 May 2019	0908_MW210D_190528	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.09*	0.34	**0.43**	1.28	0.28	0.19	<0.02	<0.02	<0.1	0.08	0.3	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210D	12 May 2020	0908_MW210D_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.38	0.09	0.03	<0.02	<0.02	0.1	0.03	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210D	14 May 2021	0908_MW210D_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.05	0.05	0.07	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW210D	24 May 2022	0908_MW210D_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW210D	24 May 2022	0908_QC214_220524	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.07	0.01	0.01	<0.01	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW210D	08 May 2023	0908_MW210D_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW210S	18 Jan 2016	MW210S_18012016	Normal	NSW_0908_PFAS	On Base	-	0.19	*10.5*	2.32	**12.82**	13.01	0.32	-	-	<0.02	-	-	0.71	0.12	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-
MW210S	26 Aug 2016	MW210S_260816	Normal	NSW_0908_PFAS	On Base	-	0.1	*15*	1.4	**16.4**	16.5	0.15	-	-	<0.01	<0.05	0.04	0.55	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210S	17 Oct 2016	MW210S_171016	Normal	NSW_0908_PFAS	On Base	-	0.08	*19*	1.6	**20.6**	20.68	0.19	-	-	<0.01	<0.05	0.05	0.59	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210S	13 Jan 2017	MW210S_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	0.15	*15.6*	1.24	**16.8**	17.6	0.23	0.09	0.12	<0.02	<0.1	0.1	0.08	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW210S	13 Jan 2017	MW210S_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**16.84**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW210S	13 Jan 2017	QC713_GW_13012017	Field_D	NSW_0908_PFAS	On Base	-	0.15	*15.2*	1.43	**16.6**	17.5	0.23	0.12	0.13	<0.02	<0.1	0.1	0.12	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW210S	13 Jan 2017	QC713_GW_13012017	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	**16.63**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW210S	16 Jan 2017	MW210S_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.09	*8.6*	1.6	**10.2**	10.29	0.18	-	-	<0.01	<0.05	0.04	0.37	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210S	16 Jan 2017	MW210S_160117	Normal	NSW_0908_PFAS	On Base	-	0.09	*8.6*	1.6	**10.2**	10.29	0.18	-	-	<0.01	<0.05	0.04	0.37	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW210S	08 May 2017	MW210S_080517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.15	*15*	1.8	**16.8**	16.95	0.21	0.22	0.11	<0.01	0.06	0.09	0.55	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW210S	28 May 2019	0908_MW210S_190528	Normal	NSW_0908_PFAS	On Base	-	0.08	*17.9*	0.7	**18.6**	19.1	0.05	0.06	0.1	<0.02	<0.1	0.02	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210S	12 May 2020	0908_MW210S_200512	Normal	NSW_0908_PFASOMP	On Base	-	0.1	*11.4*	1.14	**12.5**	13.4	0.11	0.09	0.08	<0.02	<0.1	0.11	0.32	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210S	12 May 2020	0908_QC100_200512	Field_D	NSW_0908_PFASOMP	On Base	-	0.09	*11.6*	1.15	**12.8**	13.6	0.1	0.1	0.08	<0.02	<0.1	0.11	0.33	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210S	12 May 2020	0908_QC200_200512	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.076	*11*	1.1	**12.1**	12.176	0.067	0.089	0.065	<0.01	0.08	0.089	0.29	0.049	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.017	<0.01	<0.01
MW210S	14 May 2021	0908_MW210S_210514	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*1.1*	0.22	**1.32**	1.44	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210S	24 May 2022	0908_MW210S_220524	Normal	NSW_0908_PFASOMP	On Base	-	0.08	*1.03*	1.78	**2.81**	4.26	0.15	0.17	0.07	<0.02	0.1	0.09	0.67	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210S	24 May 2022	0908_QC114_220524	Field_D	NSW_0908_PFASOMP	On Base	-	0.11	*1.15*	1.98	**3.13**	4.79	0.18	0.2	0.08	<0.02	0.1	0.13	0.73	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW210S	08 May 2023	0908_MW210S_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	0.08	*8.59*	0.89	**9.48**	10.2	0.1	0.1	0.07	<0.02	<0.1	0.06	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05
MW212	21 Jan 2016	MW212_21012016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.42*	-	**0.42**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-
MW212	26 Aug 2016	MW212_260816	Normal	NSW_0908_PFAS	On Base	-	0.02	*1.5*	0.2	**1.7**	1.72	<0.01	-	-	<0.01	<0.05	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW212	18 Oct 2016	MW212_181016	Normal	NSW_0908_PFAS	On Base	-	0.02	*1.7*	0.21	**1.91**	1.93	<0.01	-	-	<0.01	<0.05	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW212	13 Jan 2017	MW212_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	0.03	*3.75*	0.16	**3.91**	3.94	<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	<0.02	<0.05	<0.05	<0.05	<0.05
MW212	16 Jan 2017	MW212_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.03	*3.4*	0.33	**3.73**	3.76	0.01	-	-	<0.01	<0.05	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW212	16 Jan 2017	MW212_160117	Normal	NSW_0908_PFAS	On Base	-	0.03	*3.4*	0.33	**3.73**	3.76	0.01	-	-	<0.01	<0.05	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW212	08 May 2017	MW212_080517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.02	*2.9*	0.16	**3.06**	3.08	0.01	0.01	0.01	<0.01	<0.05	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
MW212	03 Apr 2018	MW212_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	0.02	*1.6*	0.19	**1.79**	1.86	<0.02	<0.02	<0.02	<0.02	<0.1	0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW209S	13 Jan 2017	MW209S_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW209S	17 Jan 2017	MW209S_GW_170117	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	03 May 2017	MW209S_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW209S	03 Apr 2018	MW209S_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	28 Jun 2018	0908_MW209S_180628	Normal	NSW_0908_Stage2	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	21 Nov 2018	0908_MW209S_181121	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	28 May 2019	0908_MW209S_190528	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	28 May 2019	0908_QC103_190528	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	28 May 2019	0908_QC203_190528	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW209S	06 Nov 2019	0908_MW209S_191106	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	12 May 2020	0908_MW209S_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	17 Nov 2020	0908_MW209_S_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	14 May 2021	0908_MW209S_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	14 May 2021	0908_QC103_210514	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	14 May 2021	0908_QC203_210514	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW209S	08 Nov 2021	0908_MW209S_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW209S	24 May 2022	0908_MW209S_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210D	18 Jan 2016	MW210D_18012016	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW210D	26 Aug 2016	MW210D_260816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW210D	17 Oct 2016	MW210D_171016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW210D	13 Jan 2017	MW210D_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210D	13 Jan 2017	QC712_GW_13012017	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210D	16 Jan 2017	MW210D_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW210D	16 Jan 2017	MW210D_160117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW210D	08 May 2017	MW210D_080517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW210D	28 May 2019	0908_MW210D_190528	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210D	12 May 2020	0908_MW210D_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210D	14 May 2021	0908_MW210D_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210D	24 May 2022	0908_MW210D_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210D	24 May 2022	0908_QC214_220524	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW210D	08 May 2023	0908_MW210D_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	18 Jan 2016	MW210S_18012016	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
MW210S	26 Aug 2016	MW210S_260816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW210S	17 Oct 2016	MW210S_171016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW210S	13 Jan 2017	MW210S_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	13 Jan 2017	MW210S_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW210S	13 Jan 2017	QC713_GW_13012017	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	13 Jan 2017	QC713_GW_13012017	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW210S	16 Jan 2017	MW210S_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW210S	16 Jan 2017	MW210S_160117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW210S	08 May 2017	MW210S_080517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW210S	28 May 2019	0908_MW210S_190528	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	12 May 2020	0908_MW210S_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	12 May 2020	0908_QC100_200512	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	12 May 2020	0908_QC200_200512	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW210S	14 May 2021	0908_MW210S_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	24 May 2022	0908_MW210S_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	24 May 2022	0908_QC114_220524	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW210S	08 May 2023	0908_MW210S_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	21 Jan 2016	MW212_21012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW212	26 Aug 2016	MW212_260816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW212	18 Oct 2016	MW212_181016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW212	13 Jan 2017	MW212_GW_13012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	16 Jan 2017	MW212_160117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW212	16 Jan 2017	MW212_160117	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW212	08 May 2017	MW212_080517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	03 Apr 2018	MW212_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW212	26 Nov 2018	0908_MW212_181126	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.65*	0.3	**0.95**	1	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	26 Nov 2018	0908_QC105_181126	Field_D	NSW_0908_PFAS	On Base	-	0.02	*0.58*	0.24	**0.82**	0.86	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	26 Nov 2018	0908_QC202_181126	Interlab_D	NSW_0908_PFAS	On Base	-	0.013	*0.59*	0.18	**0.77**	0.783	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	0.023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW212	28 May 2019	0908_MW212_190528	Normal	NSW_0908_PFAS	On Base	-	0.02	*4.46*	0.22	**4.68**	4.74	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	08 Nov 2019	0908_MW212_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*1.25*	0.14	**1.39**	1.42	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	12 May 2020	0908_MW212_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.81*	0.09	**0.9**	0.92	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	17 Nov 2020	0908_MW212_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.44*	0.04	**0.48**	0.48	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	14 May 2021	0908_MW212_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.14*	0.02	**0.16**	0.16	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	08 Nov 2021	0908_MW212_211108	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.13*	0.18	**0.31**	0.39	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	24 May 2022	0908_MW212_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.63*	0.02	**0.65**	0.65	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	11 Nov 2022	0908_MW212_221111	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.24*	0.01	**0.25**	0.25	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	08 May 2023	0908_MW212_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.44*	0.06	**0.5**	0.5	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW212	23 Nov 2023	0908_MW212_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.17*	0.03	**0.2**	0.25	<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	<0.05	<0.05	0.05	<0.05	<0.05
MW226D	15 Feb 2017	MW226D_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	*0.1*	0.06	**0.16**	0.16	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW226D	22 Feb 2017	MW226D_GW_220217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	*0.69*	0.09	**0.78**	0.9	<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	<0.05	<0.05	0.1	<0.05	<0.05
MW226D	21 Jun 2019	0908_MW226D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.01	*0.45*	0.29	**0.74**	0.9	0.03	0.04	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW226S	15 Feb 2017	MW226S_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.1	*3.38*	1.29	**4.67**	7.52	0.14	0.13	0.12	<0.02	2	0.08	0.23	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW226S	22 Feb 2017	MW226S_GW_220217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.11	*2.74*	1.18	**3.92**	4.76	0.13	0.13	0.13	<0.02	<0.1	0.06	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW226S	21 Jun 2019	0908_MW226S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229D	07 Mar 2017	MW229D_GW_070317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229D	26 Mar 2018	MW229D_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229D	06 Dec 2018	0908_MW229D_18126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229D	24 May 2019	0908_MW229D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229D	13 May 2020	0908_MW229D_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229D	19 May 2021	0908_MW229D_210519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229S	07 Mar 2017	MW229S_GW_070317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229S	26 Mar 2018	MW229S_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229S	04 Dec 2018	0908_MW229S_18126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229S	24 May 2019	0908_MW229S_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229S	13 May 2020	0908_MW229S_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW229S	19 May 2021	0908_MW229S_210519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	15 Mar 2017	MW230S_GW_150317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	15 Mar 2017	QC704_150317	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	03 Jun 2019	0908_MW230S_190603	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	14 Nov 2019	0908_MW230S_191114	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	27 Nov 2020	0908_MW230_S_201127	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	16 May 2022	0908_MW230S_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	14 Nov 2022	0908_MW230S_221114	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	15 May 2023	0908_MW230S_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW230S	27 Nov 2023	0908_MW230S_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231D	02 Feb 2017	MW231D_GW_02022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	<0.10	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	<0.25	<0.25	<0.25
MW231D	18 Apr 2018	MW231D_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW231D	06 Jun 2019	0908_MW231D_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW231D	27 May 2020	0908_MW231D_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231D	12 Nov 2020	0908_MW231_D_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231D	12 Nov 2021	0908_MW231D_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231D	18 May 2022	0908_MW231D_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231D	14 Nov 2022	0908_MW231D_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231D	17 May 2023	0908_MW231D_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231D	28 Nov 2023	0908_MW231D_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231S	02 Feb 2017	MW231S_GW_02022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	<0.10	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	<0.25	<0.25	<0.25
MW231S	18 Apr 2018	MW231S_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW231S	06 Jun 2019	0908_MW231S_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW231S	27 May 2020	0908_MW231S_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231S	12 Nov 2020	0908_MW231_S_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW231S	12 Nov 2021	0908_MW231S_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.02*	0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW231S	18 May 2022	0908_MW231S_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.02*	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW212	26 Nov 2018	0908_MW212_181126	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	26 Nov 2018	0908_QC105_181126	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	26 Nov 2018	0908_QC202_181126	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW212	28 May 2019	0908_MW212_190528	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	08 Nov 2019	0908_MW212_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	12 May 2020	0908_MW212_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	17 Nov 2020	0908_MW212_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	14 May 2021	0908_MW212_210514	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	08 Nov 2021	0908_MW212_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	24 May 2022	0908_MW212_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	11 Nov 2022	0908_MW212_221111	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	08 May 2023	0908_MW212_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW212	23 Nov 2023	0908_MW212_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW226D	15 Feb 2017	MW226D_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW226D	22 Feb 2017	MW226D_GW_220217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW226D	21 Jun 2019	0908_MW226D_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW226S	15 Feb 2017	MW226S_GW_15022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW226S	22 Feb 2017	MW226S_GW_220217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW226S	21 Jun 2019	0908_MW226S_190621	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229D	07 Mar 2017	MW229D_GW_070317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229D	26 Mar 2018	MW229D_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229D	06 Dec 2018	0908_MW229D_18126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229D	24 May 2019	0908_MW229D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229D	13 May 2020	0908_MW229D_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229D	19 May 2021	0908_MW229D_210519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229S	07 Mar 2017	MW229S_GW_070317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229S	26 Mar 2018	MW229S_GW_26032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229S	04 Dec 2018	0908_MW229S_18126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229S	24 May 2019	0908_MW229S_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229S	13 May 2020	0908_MW229S_200513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW229S	19 May 2021	0908_MW229S_210519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	15 Mar 2017	MW230S_GW_150317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	15 Mar 2017	QC704_150317	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	03 Jun 2019	0908_MW230S_190603	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	14 Nov 2019	0908_MW230S_191114	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	27 Nov 2020	0908_MW230_S_201127	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	16 May 2022	0908_MW230S_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	14 Nov 2022	0908_MW230S_221114	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	15 May 2023	0908_MW230S_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW230S	27 Nov 2023	0908_MW230S_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231D	02 Feb 2017	MW231D_GW_02022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.1	<0.25	<0.1	<0.25	<0.25	<0.1	<0.25
MW231D	18 Apr 2018	MW231D_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW231D	06 Jun 2019	0908_MW231D_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW231D	27 May 2020	0908_MW231D_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231D	12 Nov 2020	0908_MW231_D_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231D	12 Nov 2021	0908_MW231D_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231D	18 May 2022	0908_MW231D_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231D	14 Nov 2022	0908_MW231D_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231D	17 May 2023	0908_MW231D_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231D	28 Nov 2023	0908_MW231D_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231S	02 Feb 2017	MW231S_GW_02022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.1	<0.25	<0.1	<0.25	<0.25	<0.1	<0.25
MW231S	18 Apr 2018	MW231S_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW231S	06 Jun 2019	0908_MW231S_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW231S	27 May 2020	0908_MW231S_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231S	12 Nov 2020	0908_MW231_S_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231S	12 Nov 2021	0908_MW231S_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231S	18 May 2022	0908_MW231S_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**			
							Perfluorooctanoic acid (PFOA)	**Perfluorooctane sulfonic acid (PFOS)**	**Perfluorohexane sulfonic acid (PFHxS)**	**Sum of PFHxS and PFOS**	**Sum of PFAS**	**Perfluorobutane sulfonic acid (PFBS)**	**Perfluoropentane sulfonic acid (PFPeS)**	**Perfluoroheptane sulfonic acid (PFHpS)**	**Perfluorodecane sulfonic acid (PFDS)**	**Perfluorobutanoic acid (PFBA)**	**Perfluoropentanoic acid (PFPeA)**	**Perfluorohexanoic acid (PFHxA)**	**Perfluoroheptanoic acid (PFHpA)**	**Perfluorononanoic acid (PFNA)**	**Perfluorodecanoic acid (PFDA)**	**Perfluoroundecanoic acid (PFUnDA)**	**Perfluorododecanoic acid (PFDoDA)**	**Perfluorotridecanoic acid (PFTrDA)**	**Perfluorotetradecanoic acid (PFTeDA)**	**4:2 Fluorotelomer sulfonic acid (4:2 FTS)**	**6:2 Fluorotelomer sulfonic acid (6:2 FTS)**	**8:2 Fluorotelomer sulfonic acid (8:2 FTS)**	**10:2 Fluorotelomer sulfonic acid (10:2 FTS)**
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW231S	14 Nov 2022	0908_MW231S_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW231S	17 May 2023	0908_MW231S_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	*0.02*	0.02	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW231S	28 Nov 2023	0908_MW231S_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	10 Feb 2017	MW232D_GW_10022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	10 Feb 2017	QC727_GW_10022017	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	10 Apr 2018	MW232D_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW232D	06 Dec 2018	0908_MW232D_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW232D	29 May 2019	0908_MW232D_190529	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW232D	08 Nov 2019	0908_MW232D_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW232D	18 May 2020	0908_MW232D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	25 Nov 2020	0908_MW232_D_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	12 May 2021	0908_MW232D_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	11 Nov 2021	0908_MW232D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	11 Nov 2021	0908_QC202_211111	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW232D	18 May 2022	0908_MW232D_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	18 May 2022	0908_QC207_220518	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	08 Nov 2022	0908_MW232D_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.18*	<0.01	**0.18**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	11 May 2023	0908_MW232D_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232D	24 Nov 2023	0908_MW232D_231124	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	10 Feb 2017	MW232S_GW_10022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	10 Apr 2018	MW232S_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	06 Dec 2018	0908_MW232S_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	29 May 2019	0908_MW232S_190529	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	08 Nov 2019	0908_MW232S_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	08 Nov 2019	0908_QC104_191108	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	08 Nov 2019	0908_QC204_191108	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW232S	18 May 2020	0908_MW232S_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	25 Nov 2020	0908_MW232_ S_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	12 May 2021	0908_MW232S_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	11 Nov 2021	0908_MW232S_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	18 May 2022	0908_MW232S_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	18 May 2022	0908_QC107_220518	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	08 Nov 2022	0908_MW232S_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	11 May 2023	0908_MW232S_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW232S	24 Nov 2023	0908_MW232S_231124	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235D	01 Mar 2017	MW235D_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235D	20 Jul 2017	MW235D_GRAB_200717	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235D	12 Apr 2018	MW235D_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235D	07 Dec 2018	0908_MW235D_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235D	14 Jun 2019	0908_MW235D_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235D	08 Nov 2019	0908_MW235D_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235D	25 May 2020	0908_MW235D_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235D	27 Nov 2020	0908_MW235_D_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235D	20 May 2021	0908_MW235D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235D	19 Nov 2021	0908_MW235D_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235S	01 Mar 2017	MW235S_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	0.08	<0.05	<0.05
MW235S	12 Apr 2018	MW235S_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.06*	0.02	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235S	07 Dec 2018	0908_MW235S_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235S	14 Jun 2019	0908_MW235S_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235S	14 Jun 2019	0908_QC107_190614	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235S	14 Jun 2019	0908_QC207_190614	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.03	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW235S	08 Nov 2019	0908_MW235S_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW235S	25 May 2020	0908_MW235S_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.06*	<0.02	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235S	27 Nov 2020	0908_MW235_S_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235S	20 May 2021	0908_MW235S_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.08*	<0.02	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW235S	19 Nov 2021	0908_MW235S_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	03 Mar 2017	MW236D_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW231S	14 Nov 2022	0908_MW231S_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231S	17 May 2023	0908_MW231S_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW231S	28 Nov 2023	0908_MW231S_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	10 Feb 2017	MW232D_GW_10022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	10 Feb 2017	QC727_GW_10022017	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	10 Apr 2018	MW232D_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW232D	06 Dec 2018	0908_MW232D_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW232D	29 May 2019	0908_MW232D_190529	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW232D	08 Nov 2019	0908_MW232D_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW232D	18 May 2020	0908_MW232D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	25 Nov 2020	0908_MW232_D_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	12 May 2021	0908_MW232D_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	11 Nov 2021	0908_MW232D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	11 Nov 2021	0908_QC202_211111	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW232D	18 May 2022	0908_MW232D_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	18 May 2022	0908_QC207_220518	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW232D	08 Nov 2022	0908_MW232D_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	11 May 2023	0908_MW232D_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232D	24 Nov 2023	0908_MW232D_231124	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	10 Feb 2017	MW232S_GW_10022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	10 Apr 2018	MW232S_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	06 Dec 2018	0908_MW232S_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	29 May 2019	0908_MW232S_190529	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	08 Nov 2019	0908_MW232S_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	08 Nov 2019	0908_QC104_191108	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	08 Nov 2019	0908_QC204_191108	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW232S	18 May 2020	0908_MW232S_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	25 Nov 2020	0908_MW232_ S_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	12 May 2021	0908_MW232S_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	11 Nov 2021	0908_MW232S_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	18 May 2022	0908_MW232S_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	18 May 2022	0908_QC107_220518	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	08 Nov 2022	0908_MW232S_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	11 May 2023	0908_MW232S_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW232S	24 Nov 2023	0908_MW232S_231124	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235D	01 Mar 2017	MW235D_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235D	20 Jul 2017	MW235D_GRAB_200717	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235D	12 Apr 2018	MW235D_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235D	07 Dec 2018	0908_MW235D_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235D	14 Jun 2019	0908_MW235D_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235D	08 Nov 2019	0908_MW235D_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235D	25 May 2020	0908_MW235D_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235D	27 Nov 2020	0908_MW235_D_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235D	20 May 2021	0908_MW235D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235D	19 Nov 2021	0908_MW235D_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235S	01 Mar 2017	MW235S_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235S	12 Apr 2018	MW235S_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235S	07 Dec 2018	0908_MW235S_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235S	14 Jun 2019	0908_MW235S_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235S	14 Jun 2019	0908_QC107_190614	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235S	14 Jun 2019	0908_QC207_190614	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW235S	08 Nov 2019	0908_MW235S_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW235S	25 May 2020	0908_MW235S_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235S	27 Nov 2020	0908_MW235_S_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235S	20 May 2021	0908_MW235S_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW235S	19 Nov 2021	0908_MW235S_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	03 Mar 2017	MW236D_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW236D	30 Nov 2018	0908_MW236D_181130	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	30 Nov 2018	0908_QC109_181130	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	30 Nov 2018	0908_QC204_181130	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.03	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW236D	05 Jun 2019	0908_MW236D_190605	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	14 Nov 2019	0908_MW236D_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	27 May 2020	0908_MW236D_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	13 Nov 2020	0908_MW236_D_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	12 May 2021	0908_MW236D_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	11 Nov 2021	0908_MW236D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	16 May 2022	0908_MW236D_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	15 Nov 2022	0908_MW236D_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	15 May 2023	0908_MW236D_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236D	27 Nov 2023	0908_MW236D_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	03 Mar 2017	MW236S_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	30 Nov 2018	0908_MW236S_181130	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	05 Jun 2019	0908_MW236S_190605	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	14 Nov 2019	0908_MW236S_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	27 May 2020	0908_MW236S_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	13 Nov 2020	0908_MW236_S_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	12 May 2021	0908_MW236S_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	11 Nov 2021	0908_MW236S_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	16 May 2022	0908_MW236S_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	15 Nov 2022	0908_MW236S_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	15 May 2023	0908_MW236S_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW236S	27 Nov 2023	0908_MW236S_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	17 Feb 2017	MW238D_GW_17022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	28 Nov 2018	0908_MW238D_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	06 Jun 2019	0908_MW238D_190606	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	08 Nov 2019	0908_MW238D_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	27 May 2020	0908_MW238D_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	13 Nov 2020	0908_MW238_D_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	10 May 2021	0908_MW238D_210510	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	11 Nov 2021	0908_MW238D_211111	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	16 May 2022	0908_MW238D_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	14 Nov 2022	0908_MW238D_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	15 May 2023	0908_MW238D_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238D	27 Nov 2023	0908_MW238D_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	17 Feb 2017	MW238S_GW_17022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	28 Nov 2018	0908_MW238S_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	06 Jun 2019	0908_MW238S_190606	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	08 Nov 2019	0908_MW238S_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	27 May 2020	0908_MW238S_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	13 Nov 2020	0908_MW238_S_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	10 May 2021	0908_MW238S_210510	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	11 Nov 2021	0908_MW238S_211111	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	16 May 2022	0908_MW238S_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	14 Nov 2022	0908_MW238S_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	15 May 2023	0908_MW238S_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW238S	27 Nov 2023	0908_MW238S_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	20 Mar 2017	MW240D_GW_200317	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.14	**0.16**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	19 Apr 2018	MW240D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.18	**0.18**	0.3	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	19 Apr 2018	MW240D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.19**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW240D	19 Apr 2018	QC104_GW_19042018	Field_D	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.18	**0.18**	0.31	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	19 Apr 2018	QC104_GW_19042018	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	**0.19**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW240D	19 Apr 2018	QC204_GW_19042018	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	<0.02	0.1	**0.12**	0.1	0.023	0.022	<0.01	<0.01	<0.05	<0.02	0.035	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW240D	22 Nov 2018	0908_MW240D_181122	Normal	NSW_0908_PFAS	On Base	-	0.02	<0.01	0.28	**0.28**	0.48	0.04	0.06	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	22 Nov 2018	0908_MW240D_181122	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**0.29**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW236D	30 Nov 2018	0908_MW236D_181130	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	30 Nov 2018	0908_QC109_181130	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	30 Nov 2018	0908_QC204_181130	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW236D	05 Jun 2019	0908_MW236D_190605	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	14 Nov 2019	0908_MW236D_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	27 May 2020	0908_MW236D_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	13 Nov 2020	0908_MW236_D_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	12 May 2021	0908_MW236D_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	11 Nov 2021	0908_MW236D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	16 May 2022	0908_MW236D_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	15 Nov 2022	0908_MW236D_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	15 May 2023	0908_MW236D_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236D	27 Nov 2023	0908_MW236D_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	03 Mar 2017	MW236S_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	30 Nov 2018	0908_MW236S_181130	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	05 Jun 2019	0908_MW236S_190605	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	14 Nov 2019	0908_MW236S_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	27 May 2020	0908_MW236S_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	13 Nov 2020	0908_MW236_S_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	12 May 2021	0908_MW236S_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	11 Nov 2021	0908_MW236S_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	16 May 2022	0908_MW236S_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	15 Nov 2022	0908_MW236S_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	15 May 2023	0908_MW236S_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW236S	27 Nov 2023	0908_MW236S_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	17 Feb 2017	MW238D_GW_17022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	28 Nov 2018	0908_MW238D_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	06 Jun 2019	0908_MW238D_190606	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	08 Nov 2019	0908_MW238D_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	27 May 2020	0908_MW238D_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	13 Nov 2020	0908_MW238_D_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	10 May 2021	0908_MW238D_210510	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	11 Nov 2021	0908_MW238D_211111	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	16 May 2022	0908_MW238D_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	14 Nov 2022	0908_MW238D_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	15 May 2023	0908_MW238D_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238D	27 Nov 2023	0908_MW238D_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	17 Feb 2017	MW238S_GW_17022017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	28 Nov 2018	0908_MW238S_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	06 Jun 2019	0908_MW238S_190606	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	08 Nov 2019	0908_MW238S_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	27 May 2020	0908_MW238S_200527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	13 Nov 2020	0908_MW238_S_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	10 May 2021	0908_MW238S_210510	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	11 Nov 2021	0908_MW238S_211111	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	16 May 2022	0908_MW238S_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	14 Nov 2022	0908_MW238S_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	15 May 2023	0908_MW238S_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW238S	27 Nov 2023	0908_MW238S_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	20 Mar 2017	MW240D_GW_200317	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	19 Apr 2018	MW240D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	19 Apr 2018	MW240D_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW240D	19 Apr 2018	QC104_GW_19042018	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	19 Apr 2018	QC104_GW_19042018	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW240D	19 Apr 2018	QC204_GW_19042018	Interlab_D	NSW_0908_PFAS	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW240D	22 Nov 2018	0908_MW240D_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	22 Nov 2018	0908_MW240D_181122	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW240D	23 Jan 2019	0908_MW240D_190123	Normal	NSW_0908_PFASMGMT	On Base	-	0.03	<0.01	0.45	**0.45**	0.74	0.08	0.07	<0.02	<0.02	<0.1	<0.02	0.08	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	31 May 2019	0908_MW240D_190531	Normal	NSW_0908_PFAS	On Base	-	0.06	*0.02*	0.51	**0.53**	0.78	0.04	0.06	<0.02	<0.02	<0.1	<0.02	0.07	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	23 Oct 2019	0908_MW240D_191023	Normal	NSW_0908_PFASMGMT	On Base	-	0.09	*0.09*	0.55	**0.64**	0.99	0.05	0.06	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05
MW240D	06 Nov 2019	0908_MW240D_191107	Normal	NSW_0908_PFASOMP	On Base	-	0.07	*0.02*	0.49	**0.51**	0.71	0.04	0.05	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	15 May 2020	0908_MW240D_200515	Normal	NSW_0908_PFASOMP	On Base	-	0.07	*0.05*	0.51	**0.56**	0.78	0.04	0.05	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	16 Nov 2020	0908_MW240_D_201116	Normal	NSW_0908_PFASOMP	On Base	-	0.04	*0.04*	0.34	**0.38**	0.54	0.03	0.04	<0.02	<0.02	<0.10	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	26 May 2022	0908_MW240D_220526	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*0.04*	0.4	**0.44**	0.6	0.02	0.04	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	26 May 2022	0908_QC215_220526	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.05	*0.03*	0.32	**0.35**	0.5	0.02	0.03	0.01	<0.02	<0.02	<0.02	0.03	0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW240D	10 Nov 2022	0908_MW240D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.06	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	10 Nov 2022	0908_QC101_221110	Field_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.09	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	10 Nov 2022	0908_QC201_221110	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.07	0.07	0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW240D	10 May 2023	0908_MW240D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.08	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW240D	22 Nov 2023	0908_MW240D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.08	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	08 Feb 2017	MW241D_GW_08022017	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	27 Apr 2018	MW241D_GW_27042018	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	27 Nov 2018	0908_MW241D_181127	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	24 May 2019	0908_MW241D_190524	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	24 May 2019	0908_QC102_190524	Field_D	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	24 May 2019	0908_QC202_190524	Interlab_D	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.02	<0.01	<0.03	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW241D	19 Nov 2019	0908_MW241D_191119	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	20 May 2020	0908_MW241D_200520	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	0.34	<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	<0.05	<0.05	0.34	<0.05	<0.05
MW241D	20 May 2020	0908_QC109_200520	Field_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	0.24	<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	<0.05	<0.05	0.24	<0.05	<0.05
MW241D	20 May 2020	0908_QC209_200520	Interlab_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.2	<0.01	<0.01
MW241D	26 Nov 2020	0908_MW241_D_201126	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	0.23	<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	<0.05	<0.05	0.23	<0.05	<0.05
MW241D	20 May 2021	0908_MW241D_210520	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	0.13	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.1	<0.05	<0.05
MW241D	20 May 2021	0908_QC105_210520	Field_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	0.12	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.09	<0.05	<0.05
MW241D	20 May 2021	0908_QC205_210520	Interlab_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	0.026	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.084	<0.01	<0.01
MW241D	15 Nov 2021	0908_MW241D_211115	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	24 May 2022	0908_MW241D_220524	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	10 Nov 2022	0908_MW241D_221110	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	12 May 2023	0908_MW241D_230512	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241D	23 Nov 2023	0908_MW241D_231123	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	08 Feb 2017	MW241S_GW_08022017	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	27 Apr 2018	MW241S_GW_27042018	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	27 Nov 2018	0908_MW241S_181127	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	26 Nov 2020	0908_MW241_S_201126	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	20 May 2021	0908_MW241S_210520	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	15 Nov 2021	0908_MW241S_211115	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	24 May 2022	0908_MW241S_220524	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	10 Nov 2022	0908_MW241S_221110	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	10 Nov 2022	0908_QC115_221110	Field_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	10 Nov 2022	0908_QC215_221110	Interlab_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW241S	12 May 2023	0908_MW241S_230512	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW241S	23 Nov 2023	0908_MW241S_231123	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	09 Feb 2017	MW244D_GW_09022017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	02 Dec 2019	0908_MW244D_191202	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	13 May 2020	0908_MW244D_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	07 Dec 2020	0908_MW244_D_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	24 May 2021	0908_MW244D_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	10 Nov 2021	0908_MW244D_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	30 May 2022	0908_MW244D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	09 Nov 2022	0908_MW244D_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	10 May 2023	0908_MW244D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244D	22 Nov 2023	0908_MW244D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	09 Feb 2017	MW244S_GW_09022017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	0.12	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	06 Nov 2019	0908_MW244S_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.04	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	13 May 2020	0908_MW244S_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.05	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW240D	23 Jan 2019	0908_MW240D_190123	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	31 May 2019	0908_MW240D_190531	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	23 Oct 2019	0908_MW240D_191023	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	06 Nov 2019	0908_MW240D_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	15 May 2020	0908_MW240D_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	16 Nov 2020	0908_MW240_D_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	26 May 2022	0908_MW240D_220526	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	26 May 2022	0908_QC215_220526	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW240D	10 Nov 2022	0908_MW240D_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	10 Nov 2022	0908_QC101_221110	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	10 Nov 2022	0908_QC201_221110	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW240D	10 May 2023	0908_MW240D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW240D	22 Nov 2023	0908_MW240D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	08 Feb 2017	MW241D_GW_08022017	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	27 Apr 2018	MW241D_GW_27042018	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	27 Nov 2018	0908_MW241D_181127	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	24 May 2019	0908_MW241D_190524	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	24 May 2019	0908_QC102_190524	Field_D	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	24 May 2019	0908_QC202_190524	Interlab_D	NSW_0908_PFAS	Other: (West of Site)	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW241D	19 Nov 2019	0908_MW241D_191119	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	20 May 2020	0908_MW241D_200520	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	20 May 2020	0908_QC109_200520	Field_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	20 May 2020	0908_QC209_200520	Interlab_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW241D	26 Nov 2020	0908_MW241_D_201126	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	20 May 2021	0908_MW241D_210520	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	20 May 2021	0908_QC105_210520	Field_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	20 May 2021	0908_QC205_210520	Interlab_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW241D	15 Nov 2021	0908_MW241D_211115	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	24 May 2022	0908_MW241D_220524	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	10 Nov 2022	0908_MW241D_221110	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	12 May 2023	0908_MW241D_230512	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241D	23 Nov 2023	0908_MW241D_231123	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	08 Feb 2017	MW241S_GW_08022017	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	27 Apr 2018	MW241S_GW_27042018	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	27 Nov 2018	0908_MW241S_181127	Normal	NSW_0908_PFAS	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	26 Nov 2020	0908_MW241_S_201126	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	20 May 2021	0908_MW241S_210520	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	15 Nov 2021	0908_MW241S_211115	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	24 May 2022	0908_MW241S_220524	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	10 Nov 2022	0908_MW241S_221110	Normal	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	10 Nov 2022	0908_QC115_221110	Field_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	10 Nov 2022	0908_QC215_221110	Interlab_D	NSW_0908_PFASOMP	Other: (West of Site)	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW241S	12 May 2023	0908_MW241S_230512	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW241S	23 Nov 2023	0908_MW241S_231123	Normal	NSW_0908_PFASOMP_23	Other: (West of Site)	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	09 Feb 2017	MW244D_GW_09022017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	02 Dec 2019	0908_MW244D_191202	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	13 May 2020	0908_MW244D_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	07 Dec 2020	0908_MW244_D_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	24 May 2021	0908_MW244D_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	10 Nov 2021	0908_MW244D_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	30 May 2022	0908_MW244D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	09 Nov 2022	0908_MW244D_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	10 May 2023	0908_MW244D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244D	22 Nov 2023	0908_MW244D_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	09 Feb 2017	MW244S_GW_09022017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	06 Nov 2019	0908_MW244S_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	13 May 2020	0908_MW244S_200513	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW244S	07 Dec 2020	0908_MW244_S_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	24 May 2021	0908_MW244S_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.04	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	10 Nov 2021	0908_MW244S_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	10 Nov 2021	0908_QC103_211110	Field_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	30 May 2022	0908_MW244S_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.04	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	30 May 2022	0908_QC217_220530	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.04	0.04	0.04	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW244S	09 Nov 2022	0908_MW244S_221109	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	10 May 2023	0908_MW244S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW244S	22 Nov 2023	0908_MW244S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	07 Mar 2017	MW245D_GW_070317	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	07 Mar 2017	QC703_GW_070317	Field_D	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	29 May 2019	0908_MW245D_190529	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	15 May 2020	0908_MW245D_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	24 May 2021	0908_MW245D_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	24 May 2021	0908_QC107_210524	Field_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	24 May 2021	0908_QC207_210524	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW245D	30 May 2022	0908_MW245D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245D	10 May 2023	0908_MW245D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW245S	07 Mar 2017	MW245S_GW_070317	Normal	NSW_0908_PFAS	On Base	-	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW245S	30 May 2022	0908_MW245S_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW245S	10 May 2023	0908_MW245S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	01 Feb 2017	MW247D_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	01 Feb 2017	QC722_GW_01022017	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	28 Feb 2017	MW247D_GW_280217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	12 Apr 2018	MW247D_GW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	12 Apr 2018	QC103_GW_12042018	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	12 Apr 2018	QC203_GW_1204218	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.03	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW247D	30 Nov 2018	0908_MW247D_181130	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	31 May 2019	0908_MW247D_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	06 Nov 2019	0908_MW247D_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.03*	<0.02	0.03	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	15 May 2020	0908_MW247D_200515	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	24 Nov 2020	0908_MW247_D_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	18 May 2021	0908_MW247D_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.05*	<0.02	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	12 Nov 2021	0908_MW247D_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.05*	0.01	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	12 Nov 2021	0908_QC106_211112	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.05*	0.01	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	18 May 2022	0908_MW247D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.06*	0.02	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	08 Nov 2022	0908_MW247D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.07*	0.03	**0.1**	0.13	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	08 May 2023	0908_MW247D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.07*	0.04	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247D	24 Nov 2023	0908_MW247D_231124	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.07*	0.04	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	01 Feb 2017	MW247S_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	*0.21*	0.76	**0.97**	1.43	<0.02	0.09	<0.02	<0.02	<0.1	<0.02	0.34	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	01 Feb 2017	QC821_GW_01022017	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.037	*0.19*	1.1	**1.29**	1.327	0.057	-	-	<0.02	<0.05	0.042	0.14	0.029	<0.01	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-
MW247S	28 Feb 2017	MW247S_GW_280217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.09	*0.27*	1.21	**1.48**	2.1	0.09	0.09	0.06	<0.02	<0.1	0.06	0.2	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	12 Apr 2018	MW247S_GW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.06	*1.24*	0.5	**1.74**	2.12	<0.02	0.03	0.06	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	30 Nov 2018	0908_MW247S_181130	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.48*	0.61	**1.09**	1.48	0.06	0.07	0.02	<0.02	<0.1	0.04	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	31 May 2019	0908_MW247S_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*1.88*	0.29	**2.17**	2.29	<0.02	0.02	0.04	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	06 Nov 2019	0908_MW247S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*1.35*	0.44	**1.79**	2.04	0.04	0.02	0.03	<0.02	<0.1	0.03	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	15 May 2020	0908_MW247S_200515	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*1.93*	0.38	**2.31**	2.46	<0.02	<0.02	0.02	<0.02	<0.1	0.05	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	24 Nov 2020	0908_MW247_S_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.93*	0.1	**1.03**	1.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	18 May 2021	0908_MW247S_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.55*	1.75	**2.3**	3.01	0.09	0.22	<0.02	<0.02	<0.1	0.03	0.27	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	12 Nov 2021	0908_MW247S_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.04	*0.96*	1.09	**2.05**	2.5	0.07	0.09	0.03	<0.02	<0.1	0.03	0.15	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	18 May 2022	0908_MW247S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.33*	0.7	**1.03**	1.33	0.04	0.05	0.02	<0.02	<0.1	0.04	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	08 Nov 2022	0908_MW247S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.46*	0.86	**1.32**	1.61	0.05	0.05	0.02	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	08 May 2023	0908_MW247S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.02	*0.24*	0.54	**0.78**	1.02	0.03	0.04	0.02	<0.02	<0.1	0.03	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW247S	24 Nov 2023	0908_MW247S_231124	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.23*	0.08	**0.31**	0.35	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW252S	20 Feb 2017	MW252S_GW_200217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	0.06	*3.69*	1.07	**4.76**	5.16	0.06	0.08	0.08	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW252S	27 Apr 2018	MW252S_GW_27042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	0.03	*3.87*	0.78	**4.65**	4.95	0.05	0.07	0.05	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW252S	30 May 2019	0908_MW252S_190530	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	0.02	*2.67*	0.94	**3.61**	3.88	0.06	0.08	0.04	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW244S	07 Dec 2020	0908_MW244_S_201207	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	24 May 2021	0908_MW244S_210524	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	10 Nov 2021	0908_MW244S_211110	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	10 Nov 2021	0908_QC103_211110	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	30 May 2022	0908_MW244S_220530	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	30 May 2022	0908_QC217_220530	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW244S	09 Nov 2022	0908_MW244S_221109	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	10 May 2023	0908_MW244S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW244S	22 Nov 2023	0908_MW244S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	07 Mar 2017	MW245D_GW_070317	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	07 Mar 2017	QC703_GW_070317	Field_D	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	29 May 2019	0908_MW245D_190529	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	15 May 2020	0908_MW245D_200515	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	24 May 2021	0908_MW245D_210524	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	24 May 2021	0908_QC107_210524	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	24 May 2021	0908_QC207_210524	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW245D	30 May 2022	0908_MW245D_220530	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245D	10 May 2023	0908_MW245D_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245S	07 Mar 2017	MW245S_GW_070317	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245S	30 May 2022	0908_MW245S_220530	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW245S	10 May 2023	0908_MW245S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	01 Feb 2017	MW247D_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	01 Feb 2017	QC722_GW_01022017	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	28 Feb 2017	MW247D_GW_280217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	12 Apr 2018	MW247D_GW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	12 Apr 2018	QC103_GW_12042018	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	12 Apr 2018	QC203_GW_1204218	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW247D	30 Nov 2018	0908_MW247D_181130	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	31 May 2019	0908_MW247D_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	06 Nov 2019	0908_MW247D_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	15 May 2020	0908_MW247D_200515	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	24 Nov 2020	0908_MW247_D_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	18 May 2021	0908_MW247D_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	12 Nov 2021	0908_MW247D_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	12 Nov 2021	0908_QC106_211112	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	18 May 2022	0908_MW247D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	08 Nov 2022	0908_MW247D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	08 May 2023	0908_MW247D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247D	24 Nov 2023	0908_MW247D_231124	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	01 Feb 2017	MW247S_GW_01022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	01 Feb 2017	QC821_GW_01022017	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	-	-	-	-	-	-
MW247S	28 Feb 2017	MW247S_GW_280217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	12 Apr 2018	MW247S_GW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	0.06	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	30 Nov 2018	0908_MW247S_181130	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	31 May 2019	0908_MW247S_190531	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	06 Nov 2019	0908_MW247S_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	15 May 2020	0908_MW247S_200515	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	24 Nov 2020	0908_MW247_S_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	18 May 2021	0908_MW247S_210518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	12 Nov 2021	0908_MW247S_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	18 May 2022	0908_MW247S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	08 Nov 2022	0908_MW247S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	08 May 2023	0908_MW247S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW247S	24 Nov 2023	0908_MW247S_231124	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW252S	20 Feb 2017	MW252S_GW_200217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW252S	27 Apr 2018	MW252S_GW_27042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW252S	30 May 2019	0908_MW252S_190530	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW252S	30 May 2019	0908_QC104_160530	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	0.02	*2.7*	0.97	**3.67**	3.94	0.06	0.08	0.04	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW252S	30 May 2019	0908_QC204_190530	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	0.019	*3.2*	0.94	**4.14**	4.159	0.057	0.062	0.031	<0.01	<0.05	<0.02	0.054	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW252S	19 May 2020	0908_MW252S_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	0.01	*1.65*	0.69	**2.34**	2.54	0.05	0.06	0.03	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW252S	11 May 2023	0908_MW252S_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	0.02	*0.93*	0.39	**1.32**	1.39	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	01 Mar 2017	MW255D_GW_010317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	0.05	<0.05	<0.05
MW255D	29 Mar 2018	MW255D_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	20 Nov 2018	0908_MW255D_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	23 May 2019	0908_MW255D_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	13 May 2021	0908_MW255D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	18 May 2022	0908_MW255D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	18 May 2022	0908_QC106_220518	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	09 May 2023	0908_MW255D_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	09 May 2023	0908_QC109_230509	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255D	09 May 2023	0908_QC209_230509	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW255S	01 Mar 2017	MW255S_GW_010317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	29 Mar 2018	MW255S_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	20 Nov 2018	0908_MW255S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	20 Nov 2018	0908_QC101_181120	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	20 Nov 2018	0908_QC200_181120	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.02	<0.01	<0.03	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.014	<0.01	<0.01
MW255S	23 May 2019	0908_MW255S_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	19 May 2020	0908_MW255S_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	13 May 2021	0908_MW255S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	18 May 2022	0908_MW255S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW255S	18 May 2022	0908_QC206_220518	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW255S	09 May 2023	0908_MW255S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	30 Jan 2017	MW256D_GW_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	29 Mar 2018	MW256D_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	04 Dec 2018	0908_MW256D_18124	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	21 May 2019	0908_MW256D_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.11	<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	<0.05	<0.05	0.11	<0.05	<0.05
MW256D	04 Nov 2019	0908_MW256D_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	18 May 2020	0908_MW256D_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	23 Nov 2020	0908_MW256_D_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	13 May 2021	0908_MW256D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	09 Nov 2021	0908_MW256D_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	17 May 2022	0908_MW256D_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	07 Nov 2022	0908_MW256D_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	08 May 2023	0908_MW256D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	08 May 2023	0908_QC101_230508	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256D	21 Nov 2023	0908_MW256D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	30 Jan 2017	MW256S_GW_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	29 Mar 2018	MW256S_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	20 Nov 2018	0908_MW256S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	23 May 2019	0908_MW256S_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	04 Nov 2019	0908_MW256S_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	18 May 2020	0908_MW256S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	23 Nov 2020	0908_MW256_S_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	13 May 2021	0908_MW256S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	09 Nov 2021	0908_MW256S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	17 May 2022	0908_MW256S_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	07 Nov 2022	0908_MW256S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	07 Nov 2022	0908_QC100_221107	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	07 Nov 2022	0908_QC200_221107	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW256S	08 May 2023	0908_MW256S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW256S	08 May 2023	0908_QC201_230508	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW256S	21 Nov 2023	0908_MW256S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	31 Jan 2017	MW257D_GW_310117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides							
							Perfluorooctane sulfonamide (FOSA)	**N-Methyl perfluorooctane sulfonamide (MeFOSA)**	**N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)**	**N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)**	**N-Ethyl perfluorooctane sulfonamide (EtFOSA)**	**N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)**	**N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)**
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW252S	30 May 2019	0908_QC104_160530	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW252S	30 May 2019	0908_QC204_190530	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW252S	19 May 2020	0908_MW252S_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW252S	11 May 2023	0908_MW252S_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	01 Mar 2017	MW255D_GW_010317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW255D	29 Mar 2018	MW255D_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	20 Nov 2018	0908_MW255D_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	23 May 2019	0908_MW255D_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	19 May 2020	0908_MW255D_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	13 May 2021	0908_MW255D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	18 May 2022	0908_MW255D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	18 May 2022	0908_QC106_220518	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	09 May 2023	0908_MW255D_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	09 May 2023	0908_QC109_230509	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255D	09 May 2023	0908_QC209_230509	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW255S	01 Mar 2017	MW255S_GW_010317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	29 Mar 2018	MW255S_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	20 Nov 2018	0908_MW255S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	20 Nov 2018	0908_QC101_181120	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	20 Nov 2018	0908_QC200_181120	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW255S	23 May 2019	0908_MW255S_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	19 May 2020	0908_MW255S_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	13 May 2021	0908_MW255S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	18 May 2022	0908_MW255S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW255S	18 May 2022	0908_QC206_220518	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW255S	09 May 2023	0908_MW255S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	30 Jan 2017	MW256D_GW_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	29 Mar 2018	MW256D_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	04 Dec 2018	0908_MW256D_18124	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	21 May 2019	0908_MW256D_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	04 Nov 2019	0908_MW256D_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	18 May 2020	0908_MW256D_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	23 Nov 2020	0908_MW256_D_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	13 May 2021	0908_MW256D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	09 Nov 2021	0908_MW256D_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	17 May 2022	0908_MW256D_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	07 Nov 2022	0908_MW256D_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	08 May 2023	0908_MW256D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	08 May 2023	0908_QC101_230508	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256D	21 Nov 2023	0908_MW256D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	30 Jan 2017	MW256S_GW_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	29 Mar 2018	MW256S_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	20 Nov 2018	0908_MW256S_181120	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	23 May 2019	0908_MW256S_190523	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	04 Nov 2019	0908_MW256S_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	18 May 2020	0908_MW256S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	23 Nov 2020	0908_MW256_S_201123	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	13 May 2021	0908_MW256S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	09 Nov 2021	0908_MW256S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	17 May 2022	0908_MW256S_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	07 Nov 2022	0908_MW256S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	07 Nov 2022	0908_QC100_221107	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	07 Nov 2022	0908_QC200_221107	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW256S	08 May 2023	0908_MW256S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW256S	08 May 2023	0908_QC201_230508	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW256S	21 Nov 2023	0908_MW256S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	31 Jan 2017	MW257D_GW_310117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW257D	29 Mar 2018	MW257D_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	06 Dec 2018	0908_MW257D_18126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	24 May 2019	0908_MW257D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	04 Nov 2019	0908_MW257D_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	18 Nov 2020	0908_MW257_D_201118	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	13 May 2021	0908_MW257D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	09 Nov 2021	0908_MW257D_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	17 May 2022	0908_MW257D_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	07 Nov 2022	0908_MW257D_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.02	<0.01	<0.01	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	08 May 2023	0908_MW257D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	21 Nov 2023	0908_MW257D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	21 Nov 2023	0908_QC101_231121	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257D	21 Nov 2023	0908_QC201_231121	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW257S	31 Jan 2017	MW257S_GW_310117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	29 Mar 2018	MW257S_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	19 Nov 2018	0908_MW257S_181119	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	21 May 2019	0908_MW257S_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	04 Nov 2019	0908_MW257S_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	18 Nov 2020	0908_MW257_S_201118	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	13 May 2021	0908_MW257S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	09 Nov 2021	0908_MW257S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	17 May 2022	0908_MW257S_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	17 May 2022	0908_QC202_220517	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW257S	07 Nov 2022	0908_MW257S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	08 May 2023	0908_MW257S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW257S	21 Nov 2023	0908_MW257S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	31 Jan 2017	MW258D_GW_310117	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	19 Nov 2018	0908_MW258D_181119	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	21 May 2019	0908_MW258D_190521	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	0.09	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	0.03	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	04 Nov 2019	0908_MW258D_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	18 May 2020	0908_MW258D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	18 Nov 2020	0908_MW258_D_201118	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	18 Nov 2020	0908_QC101_201118	Field_D	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	18 Nov 2020	0908_QC201_201118	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW258D	26 May 2021	0908_MW258D_210526	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	09 Nov 2021	0908_MW258D_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	17 May 2022	0908_MW258D_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	17 May 2022	0908_QC102_220517	Field_D	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	07 Nov 2022	0908_MW258D_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	07 Nov 2022	0908_QC106_221107	Field_D	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	07 Nov 2022	0908_QC206_221107	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW258D	09 May 2023	0908_MW258D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	09 May 2023	0908_QC105_230509	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258D	20 Nov 2023	0908_MW258D_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	31 Jan 2017	MW258S_GW_310117	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	29 Mar 2018	MW258S_GW_29032018	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	19 Nov 2018	0908_MW258S_181119	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	21 May 2019	0908_MW258S_190521	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	04 Nov 2019	0908_MW258S_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	18 May 2020	0908_MW258S_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	18 Nov 2020	0908_MW258_S_201118	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	13 May 2021	0908_MW258S_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	09 Nov 2021	0908_MW258S_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	0.09	<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	<0.05	<0.05	0.09	<0.05	<0.05
MW258S	17 May 2022	0908_MW258S_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	17 May 2022	0908_QC200_220517	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW258S	07 Nov 2022	0908_MW258S_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW258S	09 May 2023	0908_MW258S_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW257D	29 Mar 2018	MW257D_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	06 Dec 2018	0908_MW257D_18126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	24 May 2019	0908_MW257D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	04 Nov 2019	0908_MW257D_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	18 Nov 2020	0908_MW257_D_201118	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	13 May 2021	0908_MW257D_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	09 Nov 2021	0908_MW257D_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	17 May 2022	0908_MW257D_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	07 Nov 2022	0908_MW257D_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	08 May 2023	0908_MW257D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	21 Nov 2023	0908_MW257D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	21 Nov 2023	0908_QC101_231121	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257D	21 Nov 2023	0908_QC201_231121	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW257S	31 Jan 2017	MW257S_GW_310117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	29 Mar 2018	MW257S_GW_29032018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	19 Nov 2018	0908_MW257S_181119	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	21 May 2019	0908_MW257S_190521	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	04 Nov 2019	0908_MW257S_191104	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	18 Nov 2020	0908_MW257_S_201118	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	13 May 2021	0908_MW257S_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	09 Nov 2021	0908_MW257S_211109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	17 May 2022	0908_MW257S_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	17 May 2022	0908_QC202_220517	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW257S	07 Nov 2022	0908_MW257S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	08 May 2023	0908_MW257S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW257S	21 Nov 2023	0908_MW257S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	31 Jan 2017	MW258D_GW_310117	Normal	NSW_0908_PFAS	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	19 Nov 2018	0908_MW258D_181119	Normal	NSW_0908_PFAS	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	21 May 2019	0908_MW258D_190521	Normal	NSW_0908_PFAS	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	04 Nov 2019	0908_MW258D_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	18 May 2020	0908_MW258D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	18 Nov 2020	0908_MW258_D_201118	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	18 Nov 2020	0908_QC101_201118	Field_D	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	18 Nov 2020	0908_QC201_201118	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	-		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW258D	26 May 2021	0908_MW258D_210526	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	09 Nov 2021	0908_MW258D_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	17 May 2022	0908_MW258D_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	17 May 2022	0908_QC102_220517	Field_D	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	07 Nov 2022	0908_MW258D_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	07 Nov 2022	0908_QC106_221107	Field_D	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	07 Nov 2022	0908_QC206_221107	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW258D	09 May 2023	0908_MW258D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	09 May 2023	0908_QC105_230509	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258D	20 Nov 2023	0908_MW258D_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	31 Jan 2017	MW258S_GW_310117	Normal	NSW_0908_PFAS	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	29 Mar 2018	MW258S_GW_29032018	Normal	NSW_0908_PFAS	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	19 Nov 2018	0908_MW258S_181119	Normal	NSW_0908_PFAS	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	21 May 2019	0908_MW258S_190521	Normal	NSW_0908_PFAS	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	04 Nov 2019	0908_MW258S_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	18 May 2020	0908_MW258S_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	18 Nov 2020	0908_MW258_S_201118	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	13 May 2021	0908_MW258S_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	09 Nov 2021	0908_MW258S_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	17 May 2022	0908_MW258S_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	17 May 2022	0908_QC200_220517	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW258S	07 Nov 2022	0908_MW258S_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW258S	09 May 2023	0908_MW258S_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW258S	09 May 2023	0908_QC203_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW258S	20 Nov 2023	0908_MW258S_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	08 Feb 2017	MW260D_GW_080217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	06 Apr 2018	MW260D_GW_06042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	19 Nov 2018	0908_MW260D_181119	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	24 May 2019	0908_MW260D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.04	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	24 May 2019	0908_MW260D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW260D	05 Nov 2019	0908_MW260D_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	19 May 2020	0908_MW260D_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	24 Nov 2020	0908_MW260_D_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	14 May 2021	0908_MW260D_210514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.02	0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.1	0.07	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	12 Nov 2021	0908_MW260D_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	18 May 2022	0908_MW260D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	08 Nov 2022	0908_MW260D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	08 May 2023	0908_MW260D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260D	21 Nov 2023	0908_MW260D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	08 Feb 2017	MW260S_GW_080217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	*0.09*	0.03	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	06 Apr 2018	MW260S_GW_06042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	*0.02*	0.04	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	19 Nov 2018	0908_MW260S_181119	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	*0.03*	0.08	**0.11**	1.02	<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	<0.05	<0.05	0.91	<0.05	<0.05	<0.05
MW260S	24 May 2019	0908_MW260S_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	05 Nov 2019	0908_MW260S_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	0.03	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	18 May 2020	0908_MW260S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.03*	0.02	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	24 Nov 2020	0908_MW260_S_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.04*	0.02	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	14 May 2021	0908_MW260S_210514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.03*	0.04	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	12 Nov 2021	0908_MW260S_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.02*	0.01	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	12 Nov 2021	0908_QC205_211112	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.02*	0.02	0.04	0.04	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.02
MW260S	18 May 2022	0908_MW260S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.05*	0.02	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	08 Nov 2022	0908_MW260S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.05*	0.02	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	08 May 2023	0908_MW260S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	*0.04*	0.01	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW260S	21 Nov 2023	0908_MW260S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	*0.03*	<0.01	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	08 Feb 2017	MW263D_GW_080217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	29 Mar 2018	MW263D_GW_29032018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	19 Nov 2018	0908_MW263D_181119	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.23	<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	<0.05	<0.05	0.23	<0.05	<0.05	<0.05
MW263D	19 Nov 2018	0908_QC100_181119	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.24	<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	<0.05	<0.05	0.24	<0.05	<0.05	<0.05
MW263D	21 May 2019	0908_MW263D_190521	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.1	<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	<0.05	<0.05	0.1	<0.05	<0.05	<0.05
MW263D	04 Nov 2019	0908_MW263D_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	19 May 2020	0908_MW263D_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.07	<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	<0.05	<0.05	0.07	<0.05	<0.05	<0.05
MW263D	23 Nov 2020	0908_MW263_D_201123	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	14 May 2021	0908_MW263D_210514	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	09 Nov 2021	0908_MW263D_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	09 Nov 2021	0908_QC100_211109	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	18 May 2022	0908_MW263D_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	18 May 2022	0908_QC104_220518	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	08 Nov 2022	0908_MW263D_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	09 May 2023	0908_MW263D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263D	20 Nov 2023	0908_MW263D_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	08 Feb 2017	MW263S_GW_080217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	29 Mar 2018	MW263S_GW_29032018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	19 Nov 2018	0908_MW263S_181119	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.11	<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	<0.05	<0.05	0.11	<0.05	<0.05	<0.05
MW263S	21 May 2019	0908_MW263S_190521	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	04 Nov 2019	0908_MW263S_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	19 May 2020	0908_MW263S_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	23 Nov 2020	0908_MW263_S_201123	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	23 Nov 2020	0908_QC104_201123	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	23 Nov 2020	0908_QC204_201123	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW263S	14 May 2021	0908_MW263S_210514	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	09 Nov 2021	0908_MW263S_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW258S	09 May 2023	0908_QC203_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW258S	20 Nov 2023	0908_MW258S_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	08 Feb 2017	MW260D_GW_080217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	06 Apr 2018	MW260D_GW_06042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW260D	19 Nov 2018	0908_MW260D_181119	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	24 May 2019	0908_MW260D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	24 May 2019	0908_MW260D_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
MW260D	05 Nov 2019	0908_MW260D_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW260D	19 May 2020	0908_MW260D_200519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	24 Nov 2020	0908_MW260_D_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	14 May 2021	0908_MW260D_210514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	12 Nov 2021	0908_MW260D_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	18 May 2022	0908_MW260D_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	08 Nov 2022	0908_MW260D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	08 May 2023	0908_MW260D_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260D	21 Nov 2023	0908_MW260D_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	08 Feb 2017	MW260S_GW_080217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	06 Apr 2018	MW260S_GW_06042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	19 Nov 2018	0908_MW260S_181119	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	24 May 2019	0908_MW260S_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	05 Nov 2019	0908_MW260S_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	18 May 2020	0908_MW260S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	24 Nov 2020	0908_MW260_S_201124	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	14 May 2021	0908_MW260S_210514	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	12 Nov 2021	0908_MW260S_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	12 Nov 2021	0908_QC205_211112	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW260S	18 May 2022	0908_MW260S_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	08 Nov 2022	0908_MW260S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	08 May 2023	0908_MW260S_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW260S	21 Nov 2023	0908_MW260S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	08 Feb 2017	MW263D_GW_080217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	29 Mar 2018	MW263D_GW_29032018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	19 Nov 2018	0908_MW263D_181119	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	19 Nov 2018	0908_QC100_181119	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	21 May 2019	0908_MW263D_190521	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	04 Nov 2019	0908_MW263D_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	19 May 2020	0908_MW263D_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	23 Nov 2020	0908_MW263_D_201123	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	14 May 2021	0908_MW263D_210514	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	09 Nov 2021	0908_MW263D_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	09 Nov 2021	0908_QC100_211109	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	18 May 2022	0908_MW263D_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	18 May 2022	0908_QC104_220518	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	08 Nov 2022	0908_MW263D_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	09 May 2023	0908_MW263D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263D	20 Nov 2023	0908_MW263D_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	08 Feb 2017	MW263S_GW_080217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	29 Mar 2018	MW263S_GW_29032018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	19 Nov 2018	0908_MW263S_181119	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	21 May 2019	0908_MW263S_190521	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	04 Nov 2019	0908_MW263S_191104	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	19 May 2020	0908_MW263S_200519	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	23 Nov 2020	0908_MW263_S_201123	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	23 Nov 2020	0908_QC104_201123	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	23 Nov 2020	0908_QC204_201123	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW263S	14 May 2021	0908_MW263S_210514	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	09 Nov 2021	0908_MW263S_211109	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**											**PFAS - (n:2) Fluorotelomer Sulfonic Acids**			
							Perfluorooctanoic acid (PFOA)	**Perfluorooctane sulfonic acid (PFOS)**	**Perfluorohexane sulfonic acid (PFHxS)**	**Sum of PFHxS and PFOS**	**Sum of PFAS**	**Perfluorobutane sulfonic acid (PFBS)**	**Perfluoropentane sulfonic acid (PFPeS)**	**Perfluoroheptane sulfonic acid (PFHpS)**	**Perfluorodecane sulfonic acid (PFDS)**	**Perfluorobutanoic acid (PFBA)**	**Perfluoropentanoic acid (PFPeA)**	**Perfluorohexanoic acid (PFHxA)**	**Perfluoroheptanoic acid (PFHpA)**	**Perfluorononanoic acid (PFNA)**	**Perfluorodecanoic acid (PFDA)**	**Perfluoroundecanoic acid (PFUnDA)**	**Perfluorododecanoic acid (PFDoDA)**	**Perfluorotridecanoic acid (PFTrDA)**	**Perfluorotetradecanoic acid (PFTeDA)**	**4:2 Fluorotelomer sulfonic acid (4:2 FTS)**	**6:2 Fluorotelomer sulfonic acid (6:2 FTS)**	**8:2 Fluorotelomer sulfonic acid (8:2 FTS)**	**10:2 Fluorotelomer sulfonic acid (10:2 FTS)**
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW263S	09 Nov 2021	0908_QC200_211109	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW263S	18 May 2022	0908_MW263S_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	18 May 2022	0908_QC204_220518	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW263S	08 Nov 2022	0908_MW263S_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	09 May 2023	0908_MW263S_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW263S	20 Nov 2023	0908_MW263S_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264D	08 Feb 2017	MW264D_GW_08022017	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264D	31 May 2019	0908_MW264D_190531	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264D	29 May 2020	0908_MW264D_200529	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264D	20 May 2021	0908_MW264D_210520	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264D	02 Jun 2022	0908_MW264D_220602	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264D	02 Jun 2022	0908_QC221_220602	Interlab_D	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW264D	12 May 2023	0908_MW264D_230512	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264S	08 Feb 2017	MW264S_GW_08022017	Normal	NSW_0908_PFAS	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264S	24 Jun 2021	0908_MW264S_210624	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264S	02 Jun 2022	0908_MW264S_220602	Normal	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	*0.02*	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW264S	02 Jun 2022	0908_QC121_220602	Field_D	NSW_0908_PFASOMP	Other: (Background)	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW264S	12 May 2023	0908_MW264S_230512	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW266D	28 Feb 2017	MW266D_GW_280217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	*0.05*	0.1	**0.15**	0.29	0.07	<0.05	<0.05	<0.05	<0.2	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266D	28 Feb 2017	QC701_GW_280217	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	0.1	**0.1**	0.29	0.08	<0.05	<0.05	<0.05	<0.2	<0.05	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	0.05	<0.05	<0.05
MW266D	28 Feb 2017	QC800_GW_280217	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	*0.013*	0.068	**0.081**	0.081	0.031	-	-	<0.02	0.23	<0.02	0.047	<0.01	<0.01	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-
MW266D	10 Apr 2018	MW266D_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.02	*0.03*	0.08	**0.11**	0.27	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW266D	28 Nov 2018	0908_MW266D_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	0.15	**0.15**	0.21	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266D	28 Nov 2018	0908_MW266D_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	**0.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW266D	06 Jun 2019	0908_MW266D_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	*0.06*	0.05	**0.11**	0.11	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266D	14 Nov 2019	0908_MW266D_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.05	<0.05	0.13	**0.13**	0.13	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266D	27 Nov 2020	0908_MW266_D_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.01	<0.01	0.1	**0.1**	0.25	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW266D	19 Nov 2021	0908_MW266D_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.01	<0.01	0.13	**0.13**	0.26	<0.02	0.04	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW266S	28 Feb 2017	MW266S_GW_280217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266S	20 Mar 2017	MW266S_GW_20032017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW266S	10 Apr 2018	MW266S_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266S	28 Nov 2018	0908_MW266S_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266S	06 Jun 2019	0908_MW266S_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266S	14 Nov 2019	0908_MW266S_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW266S	27 Nov 2020	0908_MW266_S_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW266S	19 Nov 2021	0908_MW266S_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	01 Mar 2017	MW267D_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	12 Apr 2018	MW267D_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	07 Dec 2018	0908_MW267D_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW267D	14 Jun 2019	0908_MW267D_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	08 Nov 2019	0908_MW267D_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	25 May 2020	0908_MW267D_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	27 Nov 2020	0908_MW267_D_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	20 May 2021	0908_MW267D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267D	19 Nov 2021	0908_MW267D_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	01 Mar 2017	MW267S_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	12 Apr 2018	MW267S_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	07 Dec 2018	0908_MW267S_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	14 Jun 2019	0908_MW267S_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	08 Nov 2019	0908_MW267S_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	25 May 2020	0908_MW267S_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	27 Nov 2020	0908_MW267_S_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	20 May 2021	0908_MW267S_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW267S	19 Nov 2021	0908_MW267S_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270D	03 Mar 2017	MW270D_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270D	07 Jun 2019	0908_MW270D_190607	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270D	25 May 2020	0908_MW270D_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW263S	09 Nov 2021	0908_QC200_211109	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW263S	18 May 2022	0908_MW263S_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	18 May 2022	0908_QC204_220518	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW263S	08 Nov 2022	0908_MW263S_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	09 May 2023	0908_MW263S_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW263S	20 Nov 2023	0908_MW263S_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264D	08 Feb 2017	MW264D_GW_08022017	Normal	NSW_0908_PFAS	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264D	31 May 2019	0908_MW264D_190531	Normal	NSW_0908_PFAS	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264D	29 May 2020	0908_MW264D_200529	Normal	NSW_0908_PFASOMP	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264D	20 May 2021	0908_MW264D_210520	Normal	NSW_0908_PFASOMP	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264D	02 Jun 2022	0908_MW264D_220602	Normal	NSW_0908_PFASOMP	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264D	02 Jun 2022	0908_QC221_220602	Interlab_D	NSW_0908_PFASOMP	Other: (Background)	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW264D	12 May 2023	0908_MW264D_230512	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264S	08 Feb 2017	MW264S_GW_08022017	Normal	NSW_0908_PFAS	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264S	24 Jun 2021	0908_MW264S_210624	Normal	NSW_0908_PFASOMP	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264S	02 Jun 2022	0908_MW264S_220602	Normal	NSW_0908_PFASOMP	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264S	02 Jun 2022	0908_QC121_220602	Field_D	NSW_0908_PFASOMP	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW264S	12 May 2023	0908_MW264S_230512	Normal	NSW_0908_PFASOMP_23	Other: (Background)	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW266D	28 Feb 2017	MW266D_GW_280217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266D	28 Feb 2017	QC701_GW_280217	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266D	28 Feb 2017	QC800_GW_280217	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	-	-	-	-	-	-
MW266D	10 Apr 2018	MW266D_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW266D	28 Nov 2018	0908_MW266D_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266D	28 Nov 2018	0908_MW266D_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW266D	06 Jun 2019	0908_MW266D_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266D	14 Nov 2019	0908_MW266D_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266D	27 Nov 2020	0908_MW266_D_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW266D	19 Nov 2021	0908_MW266D_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW266S	28 Feb 2017	MW266S_GW_280217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266S	20 Mar 2017	MW266S_GW_20032017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW266S	10 Apr 2018	MW266S_GW_10042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266S	28 Nov 2018	0908_MW266S_181128	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266S	06 Jun 2019	0908_MW266S_190606	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266S	14 Nov 2019	0908_MW266S_191114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW266S	27 Nov 2020	0908_MW266_S_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW266S	19 Nov 2021	0908_MW266S_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	01 Mar 2017	MW267D_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	12 Apr 2018	MW267D_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	07 Dec 2018	0908_MW267D_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW267D	14 Jun 2019	0908_MW267D_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	08 Nov 2019	0908_MW267D_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	25 May 2020	0908_MW267D_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	27 Nov 2020	0908_MW267_D_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	20 May 2021	0908_MW267D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267D	19 Nov 2021	0908_MW267D_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	01 Mar 2017	MW267S_GW_010317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	12 Apr 2018	MW267S_GW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	07 Dec 2018	0908_MW267S_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	14 Jun 2019	0908_MW267S_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	08 Nov 2019	0908_MW267S_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	25 May 2020	0908_MW267S_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	27 Nov 2020	0908_MW267_S_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	20 May 2021	0908_MW267S_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW267S	19 Nov 2021	0908_MW267S_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270D	03 Mar 2017	MW270D_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270D	07 Jun 2019	0908_MW270D_190607	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270D	25 May 2020	0908_MW270D_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Location Code	Date	Field ID	Sample Type	Project ID	On Base/Management Zone	HHERA Risk Zone	PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
MW270D	12 May 2021	0908_MW270D_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270D	17 May 2022	0908_MW270D_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270D	16 May 2023	0908_MW270D_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270D	09 Aug 2023	0908_MW270D_230809	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270S	03 Mar 2017	MW270S_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270S	07 Jun 2019	0908_MW270S_190607	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW270S	25 May 2020	0908_MW270S_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.01	<0.01	<0.02	<0.01	0.07	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW270S	12 May 2021	0908_MW270S_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.07	<0.02	<0.02	<0.02	<0.02	<0.1	0.04	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW270S	17 May 2022	0908_MW270S_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.01*	0.02	0.03	0.25	<0.02	<0.02	<0.02	<0.02	<0.1	0.08	0.1	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW270S	16 May 2023	0908_MW270S_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	0.02	*0.03*	0.04	0.07	0.36	<0.02	<0.02	<0.02	<0.02	<0.1	0.12	0.1	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW270S	09 Aug 2023	0908_MW270S_230809	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	0.02	<0.01	0.04	0.04	0.27	<0.02	<0.02	<0.02	<0.02	<0.1	0.09	0.08	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	15 Mar 2017	MW271D_GW_150317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	13 Apr 2018	MW271D_GW_13042018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	28 Nov 2018	0908_MW271D_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	13 Jun 2019	0908_MW271D_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	08 Nov 2019	0908_MW271D_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	26 May 2020	0908_MW271D_200526	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	13 Nov 2020	0908_MW271_D_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	12 Nov 2021	0908_MW271D_211112	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	16 May 2022	0908_MW271D_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	14 Nov 2022	0908_MW271D_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	15 May 2023	0908_MW271D_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271D	27 Nov 2023	0908_MW271D_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.04	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	15 Mar 2017	MW271S_GW_150317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	13 Apr 2018	MW271S_GW_13042018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	28 Nov 2018	0908_MW271S_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	13 Jun 2019	0908_MW271S_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	08 Nov 2019	0908_MW271S_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	0.05	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	26 May 2020	0908_MW271S_200526	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	0.08	**0.08**	0.23	0.04	0.02	<0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	13 Nov 2020	0908_MW271_S_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	0.03	0.03	0.07	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	12 Nov 2021	0908_MW271S_211112	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	*0.01*	0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	16 May 2022	0908_MW271S_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	*0.01*	0.02	0.03	0.06	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	14 Nov 2022	0908_MW271S_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.01	<0.01	0.02	0.02	0.17	0.12	0.03	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	15 May 2023	0908_MW271S_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	0.02	0.02	0.05	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW271S	27 Nov 2023	0908_MW271S_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.04	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	03 Mar 2017	MW278D_170303	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	*0.05*	<0.02	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	23 May 2019	0908_MW278D_190523	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	07 Nov 2019	0908_MW278D_191107	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	28 May 2020	0908_MW278D_200528	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	27 Nov 2020	0908_MW278_D_201127	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	13 May 2021	0908_MW278D_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	13 May 2021	0908_QC202_210513	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW278D	09 Nov 2021	0908_MW278D_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	09 Nov 2022	0908_MW278D_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	09 Nov 2022	0908_QC112_221109	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	09 Nov 2022	0908_QC212_221109	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW278D	11 May 2023	0908_MW278D_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278D	21 Nov 2023	0908_MW278D_231121	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	03 Mar 2017	MW278S_170303	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	23 May 2019	0908_MW278S_190523	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	07 Nov 2019	0908_MW278S_191107	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	28 May 2020	0908_MW278S_200528	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	27 Nov 2020	0908_MW278_S_201127	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	13 May 2021	0908_MW278S_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	09 Nov 2021	0908_MW278S_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	09 Nov 2022	0908_MW278S_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW278S	11 May 2023	0908_MW278S_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05

							PFAS - Perfluoroalkyl Sulfonamides							
							Perfluorooctane sulfonamide (FOSA)	**N-Methyl perfluorooctane sulfonamide (MeFOSA)**	**N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)**	**N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)**	**N-Ethyl perfluorooctane sulfonamide (EtFOSA)**	**N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)**	**N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)**
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW270D	12 May 2021	0908_MW270D_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270D	17 May 2022	0908_MW270D_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270D	16 May 2023	0908_MW270D_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270D	09 Aug 2023	0908_MW270D_230809	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270S	03 Mar 2017	MW270S_170303	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270S	07 Jun 2019	0908_MW270S_190607	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270S	25 May 2020	0908_MW270S_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270S	12 May 2021	0908_MW270S_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270S	17 May 2022	0908_MW270S_220517	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270S	16 May 2023	0908_MW270S_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW270S	09 Aug 2023	0908_MW270S_230809	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	15 Mar 2017	MW271D_GW_150317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	13 Apr 2018	MW271D_GW_13042018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	28 Nov 2018	0908_MW271D_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	13 Jun 2019	0908_MW271D_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	08 Nov 2019	0908_MW271D_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	26 May 2020	0908_MW271D_200526	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	13 Nov 2020	0908_MW271_D_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	12 Nov 2021	0908_MW271D_211112	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	16 May 2022	0908_MW271D_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	14 Nov 2022	0908_MW271D_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	15 May 2023	0908_MW271D_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271D	27 Nov 2023	0908_MW271D_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	15 Mar 2017	MW271S_GW_150317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	13 Apr 2018	MW271S_GW_13042018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	28 Nov 2018	0908_MW271S_181128	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	13 Jun 2019	0908_MW271S_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	08 Nov 2019	0908_MW271S_191108	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	26 May 2020	0908_MW271S_200526	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	13 Nov 2020	0908_MW271_S_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	12 Nov 2021	0908_MW271S_211112	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	16 May 2022	0908_MW271S_220516	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	14 Nov 2022	0908_MW271S_221114	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	15 May 2023	0908_MW271S_230515	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW271S	27 Nov 2023	0908_MW271S_231127	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	03 Mar 2017	MW278D_170303	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	23 May 2019	0908_MW278D_190523	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	07 Nov 2019	0908_MW278D_191107	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	28 May 2020	0908_MW278D_200528	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	27 Nov 2020	0908_MW278_D_201127	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	13 May 2021	0908_MW278D_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	13 May 2021	0908_QC202_210513	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW278D	09 Nov 2021	0908_MW278D_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	09 Nov 2022	0908_MW278D_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	09 Nov 2022	0908_QC112_221109	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	09 Nov 2022	0908_QC212_221109	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW278D	11 May 2023	0908_MW278D_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278D	21 Nov 2023	0908_MW278D_231121	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	03 Mar 2017	MW278S_170303	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	23 May 2019	0908_MW278S_190523	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	07 Nov 2019	0908_MW278S_191107	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	28 May 2020	0908_MW278S_200528	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	27 Nov 2020	0908_MW278_S_201127	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	13 May 2021	0908_MW278S_210513	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	09 Nov 2021	0908_MW278S_211109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	09 Nov 2022	0908_MW278S_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW278S	11 May 2023	0908_MW278S_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids					PFAS - Perfluoroalkyl Carboxylic Acids											PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																				
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																						
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																								
MW278S	21 Nov 2023	0908_MW278S_231121	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.03 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.03 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.1 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.1 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*0.04*	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.3 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.3 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*0.12*	-	**0.12**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.11 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.11 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*0.46*	-	**0.46**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.110 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	**5.81**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.110 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*5.3*	-	**5.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.1100 UG/L PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	***113***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.1100 UG/L PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*70.3*	-	**70.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.13 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	**1.72**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.13 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*1.57*	-	**1.57**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.130 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	***36.9***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.130 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	*18*	-	**18**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW279S	06 Mar 2017	MW279S_GW_060317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.01	*0.05*	1.17	**1.22**	1.71	0.06	0.11	<0.02	<0.02	<0.1	0.02	0.29	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	13 Apr 2018	MW279S_GW_13042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.04	*0.24*	1.43	**1.67**	2.46	0.04	0.12	<0.02	<0.02	<0.1	0.04	0.55	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	26 Nov 2018	0908_MW279S_181126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.11*	1.56	**1.67**	2.16	0.06	0.09	<0.02	<0.02	<0.1	<0.02	0.3	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	27 May 2019	0908_MW279S_190527	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.2*	1.25	**1.45**	1.95	0.05	0.1	<0.02	<0.02	<0.1	0.03	0.3	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	08 Nov 2019	0908_MW279S_191108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.04	*0.18*	2.16	**2.34**	3.26	0.08	0.15	<0.02	<0.02	<0.1	0.06	0.56	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	18 May 2020	0908_MW279S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.04	*0.45*	2.63	**3.08**	3.84	0.08	0.18	0.04	<0.02	<0.1	<0.02	0.39	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	25 Nov 2020	0908_MW279_S_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.02	*0.35*	1.2	**1.55**	2	0.05	0.08	0.02	<0.02	<0.1	<0.02	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	20 May 2021	0908_MW279S_210520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.03	*0.72*	1.95	**2.67**	3.6	0.12	0.15	0.04	<0.02	<0.1	0.05	0.52	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	11 Nov 2021	0908_MW279S_211111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.01	*0.46*	0.93	**1.39**	1.72	0.05	0.05	<0.02	<0.02	<0.1	<0.02	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	19 May 2022	0908_MW279S_220519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.01	*0.32*	0.88	**1.2**	1.55	0.04	0.06	<0.02	<0.02	<0.1	0.02	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	07 Nov 2022	0908_MW279S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.01	*0.18*	0.53	**0.71**	0.93	0.04	0.05	<0.02	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	09 May 2023	0908_MW279S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.03	*0.38*	1.98	**2.36**	3.2	0.12	0.16	0.03	<0.02	<0.1	0.06	0.42	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW279S	21 Nov 2023	0908_MW279S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.03	*0.32*	2.28	**2.6**	3.63	0.16	0.18	0.03	<0.02	<0.1	0.03	0.58	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.03 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.03 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.1 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.1 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	*0.04*	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.3 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.3 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	*0.13*	-	**0.13**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.01 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	**0.94**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.01 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	*0.52*	-	**0.52**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.010 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	**8.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.010 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	*4.62*	-	**4.62**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.0100 UG/L PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	***92.7***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.0100 UG/L PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	*39.9*	-	**39.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.03 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	**2.68**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.03 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	*1.24*	-	**1.24**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.030 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	***31.1***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.030 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	*13*	-	**13**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW280S	08 Mar 2017	MW280S_GW_080317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	07 Aug 2018	0908_MW280_180807	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	07 Sep 2018	0908_MW28D_180907	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	05 Oct 2018	0908_MW280S_181005	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	23 Jan 2019	0908_MW280S_190123	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW278S	21 Nov 2023	0908_MW278S_231121	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.03 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.03 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.1 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.1 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.3 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.10.3 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.11 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.11 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.110 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.110 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.1100 UG/L PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.1100 UG/L PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.13 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.13 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.130 PFOA	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	20 Feb 2017	MW279D_LT_2.7-5.130 PFOS	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		-	-	-	-	-	-	-
MW279S	06 Mar 2017	MW279S_GW_060317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	13 Apr 2018	MW279S_GW_13042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	26 Nov 2018	0908_MW279S_181126	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	27 May 2019	0908_MW279S_190527	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	08 Nov 2019	0908_MW279S_191108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	18 May 2020	0908_MW279S_200518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	25 Nov 2020	0908_MW279_S_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	20 May 2021	0908_MW279S_210520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	11 Nov 2021	0908_MW279S_211111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	19 May 2022	0908_MW279S_220519	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	07 Nov 2022	0908_MW279S_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	09 May 2023	0908_MW279S_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW279S	21 Nov 2023	0908_MW279S_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.03 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.03 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.1 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.1 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.3 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.00.3 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.01 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.01 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.010 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.010 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.0100 UG/L PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.0100 UG/L PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.03 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.03 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.030 PFOA	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	03 Mar 2017	MW280_LT_3.0-4.030 PFOS	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		-	-	-	-	-	-	-
MW280S	08 Mar 2017	MW280S_GW_080317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	07 Aug 2018	0908_MW280_180807	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	07 Sep 2018	0908_MW28D_180907	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	05 Oct 2018	0908_MW280S_181005	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	23 Jan 2019	0908_MW280S_190123	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW280S	29 Mar 2019	0908_MW280S_190329	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	19 Jun 2019	0908_MW280_190618	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.002	0.004	0.004	0.2	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.196	<0.005	<0.005
MW280S	25 Sep 2019	0908_MW280S_190925	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	0.0009	*0.0012*	0.0036	0.0048	0.0069	0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW280S	02 Dec 2019	0908_MW280S_191202	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.0008	*0.0017*	0.0035	0.0052	0.0076	<0.0005	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.001	<0.001	<0.001
MW280S	02 Dec 2019	0908_QC103_191202	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.0009	*0.002*	0.0036	0.0056	0.0086	0.0005	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.001	<0.001	<0.001
MW280S	02 Dec 2019	0908_QC203_191202	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.001	*0.0024*	0.0035	0.0059	0.0059	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
MW280S	12 Mar 2020	0908_MW280S_200312	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	0.001	*0.0117*	0.0031	0.0148	0.0164	0.0006	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW280S	17 Apr 2020	0908_MW280S_200417	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	0.0009	<0.0003	0.0035	0.0035	0.0463	0.0061	<0.0005	<0.0005	<0.0005	<0.002	<0.0016	0.0018	<0.0016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.034	<0.001	<0.001
MW280S	23 Jun 2020	0908_MW280S_200623	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.002	0.004	0.004	0.004	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW280S	01 Oct 2020	0908_MW280S_201001	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	01 Oct 2020	0908_MW280S_201001	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.002	0.003	0.003	0.015	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.012	<0.005	<0.005
MW280S	11 Jan 2021	0908_MW280_S_210111	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	0.0022	*0.0372*	0.0103	0.0475	0.0631	0.002	0.0011	<0.0005	<0.0005	<0.002	<0.0005	0.0033	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.007	<0.001	<0.001
MW280S	22 Jan 2021	0908_MW280S_210122	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	0.0007	*0.0012*	0.0039	0.0051	0.0131	0.0008	<0.0005	<0.0005	<0.0005	0.003	0.0021	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW280S	24 Jun 2021	0908_MW280S_210624	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	20 Sep 2021	0908_MW280S_210920	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.002	0.004	0.004	0.014	<0.002	<0.002	<0.002	<0.002	0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW280S	13 Jan 2022	0908_MW280S_220113	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	0.0012	<0.0003	0.0051	0.0051	0.0166	0.0012	0.0006	<0.0005	<0.0005	0.006	<0.0005	0.0017	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW280S	16 Mar 2022	0908_MW280S_220316	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.002	0.004	0.004	0.004	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW280S	20 May 2022	0908_MW280S_220520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	30 Jun 2022	0908_MW280S_220630	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	0.002	*0.002*	0.009	0.011	0.044	<0.002	<0.002	<0.002	<0.002	0.02	0.007	0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW280S	16 Sep 2022	0908_MW280S_220916	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.002	0.006	0.006	0.03	<0.002	<0.002	<0.002	<0.002	0.02	<0.002	0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW280S	11 Nov 2022	0908_MW280S_221111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	18 May 2023	0908_MW280S_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW280S	23 Nov 2023	0908_MW280S_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	20 Mar 2017	MW281S_GW_200317	Normal	NSW_0908_PFAS	On Base	-	**4.47**	*180*	64	**244**	285	4.62	4.95	7.78	<0.02	1	2.27	14	1.52	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	19 Apr 2018	MW281S_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	**8.75**	*206*	76.9	**283**	318	1.9	3.16	7.35	<0.1	<0.5	1.27	10.3	1.99	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1
MW281S	19 Apr 2018	MW281S_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**282.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW281S	22 Nov 2018	0908_MW281S_181122	Normal	NSW_0908_PFAS	On Base	-	**8.01**	*191*	41	**232**	264	1.57	2.23	9.9	<0.02	0.5	0.92	7.45	1.25	0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	22 Nov 2018	0908_QC104_181122	Field_D	NSW_0908_PFAS	On Base	-	**7.32**	*186*	37.5	**224**	252	1.45	2.03	8.41	<0.02	0.4	0.83	7.14	1.13	0.04	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	22 Nov 2018	0908_QC104_181122	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	**223.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW281S	31 May 2019	0908_MW281S_190531	Normal	NSW_0908_PFAS	On Base	-	**4.94**	*144*	25.4	**169**	191	1.1	1.46	7.46	<0.02	0.3	0.73	4.43	0.77	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	31 May 2019	0908_MW281S_190531	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**169.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW281S	23 Oct 2019	0908_MW281S_191023	Normal	NSW_0908_PFASMGMT	On Base	-	**4.44**	*112*	18.8	**131**	150	1	1.69	7.5	<0.02	0.3	0.62	3.63	0.6	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	06 Nov 2019	0908_MW281S_191107	Normal	NSW_0908_PFASOMP	On Base	-	**4.64**	*112*	19.4	**131**	152	1.12	1.8	7.66	<0.02	0.3	0.65	3.98	0.58	0.04	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	15 May 2020	0908_MW281S_200515	Normal	NSW_0908_PFASOMP	On Base	-	**3.84**	*119*	19.8	**139**	158	1.12	1.99	6.64	<0.02	0.2	0.62	4.13	0.55	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	16 Nov 2020	0908_MW281_S_201116	Normal	NSW_0908_PFASOMP	On Base	-	**3.56**	*26.7*	24.3	**51**	69.9	1.09	2.79	6.1	<0.02	0.3	0.55	3.83	0.64	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	25 May 2021	0908_MW281S_210525	Normal	NSW_0908_PFASOMP	On Base	-	**2.19**	*63.3*	26.2	**89.5**	109	2.23	2.84	4.69	<0.02	0.2	0.78	5.45	0.76	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	10 Nov 2021	0908_MW281S_211110	Normal	NSW_0908_PFASOMP	On Base	-	**3.1**	*234*	21.4	**255**	277	1.63	1.9	8.86	<0.02	0.2	0.53	4.89	0.63	0.04	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	26 May 2022	0908_MW281S_220526	Normal	NSW_0908_PFASOMP	On Base	-	**2.16**	*68.6*	19.4	**88**	103	1.87	2.32	3.12	<0.02	0.4	0.67	4.06	0.61	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	10 Nov 2022	0908_MW281S_221110	Normal	NSW_0908_PFASOMP	On Base	-	**2.97**	*41.4*	11.5	**52.9**	60.5	0.29	0.44	2.55	<0.02	<0.1	0.14	0.94	0.29	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	10 Nov 2022	0908_QC103_221110	Field_D	NSW_0908_PFASOMP	On Base	-	**3.79**	*50*	12.9	**62.9**	73.7	0.34	0.47	4.61	<0.02	0.1	0.18	1.06	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	10 Nov 2022	0908_QC203_221110	Interlab_D	NSW_0908_PFASOMP	On Base	-	**2.8**	*31*	9.6	**41**	48	0.31	0.34	2.4	<0.02	0.06	0.2	0.9	0.28	<0.01	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW281S	10 May 2023	0908_MW281S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	**1.67**	*108*	21.8	**130**	143	1.15	1.78	3.7	<0.02	0.3	0.58	3.41	0.72	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW281S	10 May 2023	0908_QC217_230510	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	**1.6**	*73*	20	**93**	110	1.1	2.2	2.9	<0.02	0.33	0.61	3.5	0.68	0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW281S	22 Nov 2023	0908_MW281S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	**2.62**	*99.8*	12.8	**113**	123	0.48	0.57	3.97	<0.02	0.3	0.36	1.89	0.32	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	20 Mar 2017	MW282S_GW_200317	Normal	NSW_0908_PFAS	On Base	-	**1.23**	*1.48*	12.8	**14.28**	20.1	0.77	0.83	1.26	<0.02	<0.1	0.23	1.21	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	20 Mar 2017	MW282S_GW_200317	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**14.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW282S	20 Jun 2019	0908_MW282_190620	Normal	NSW_0908_PFASMGMT	On Base	-	**2.15**	*9.94*	23.1	**33**	45.2	0.87	1.21	2.97	<0.02	0.3	0.58	3.44	0.62	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	23 Oct 2019	0908_MW282S_191023	Normal	NSW_0908_PFASMGMT	On Base	-	**3.41**	*54.7*	16	**70.7**	86.6	0.86	1.43	5.15	<0.02	0.3	0.58	3.53	0.63	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	06 Nov 2019	0908_MW282S_191107	Normal	NSW_0908_PFASOMP	On Base	-	**1.95**	*1.09*	19.7	**20.8**	33.1	1.08	1.8	1.73	<0.02	0.3	0.64	4.13	0.68	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	15 May 2020	0908_MW282S_200515	Normal	NSW_0908_PFASOMP	On Base	-	**3.29**	*35.8*	13.3	**49.1**	64.8	1.13	1.33	5.01	<0.02	0.2	0.66	3.62	0.47	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	15 May 2020	0908_QC108_200515	Field_D	NSW_0908_PFASOMP	On Base	-	**3.39**	*39.7*	14.2	**53.9**	70.2	1.13	1.47	5.37	<0.02	0.3	0.67	3.51	0.48	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	16 Nov 2020	0908_MW282_S_201116	Normal	NSW_0908_PFASOMP	On Base	-	0.03	*0.15*	0.73	**0.88**	1.5	0.17	0.17	0.04	<0.02	<0.1	0.03	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	16 Nov 2020	0908_QC100_201116	Field_D	NSW_0908_PFASOMP	On Base	-	0.05	*0.16*	0.81	**0.97**	1.7	0.18	0.18	0.05	<0.02	<0.1	0.04	0.23	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	16 Nov 2020	0908_QC200_201116	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.039	*0.14*	0.86	**1**	1.039	0.17	0.16	0.027	<0.01	<0.05	0.035	0.18	0.015	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW282S	25 May 2021	0908_MW282S_210525	Normal	NSW_0908_PFASOMP	On Base	-	0.06	*0.95*	0.93	**1.88**	2.65	0.14	0.13	0.09	<0.02	<0.1	0.12	0.23	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	10 Nov 2021	0908_MW282S_211110	Normal	NSW_0908_PFASOMP	On Base	-	0.28	*1.48*	9.48	**11**	16	0.8	0.7	0.34	<0.02	0.1	0.32	2.25	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	26 May 2022	0908_MW282S_220526	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.03*	0.27	**0.3**	0.41	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides							
							Perfluorooctane sulfonamide (FOSA)	**N-Methyl perfluorooctane sulfonamide (MeFOSA)**	**N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)**	**N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)**	**N-Ethyl perfluorooctane sulfonamide (EtFOSA)**	**N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)**	**N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)**
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW280S	29 Mar 2019	0908_MW280S_190329	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	19 Jun 2019	0908_MW280_190618	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW280S	25 Sep 2019	0908_MW280S_190925	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	02 Dec 2019	0908_MW280S_191202	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	02 Dec 2019	0908_QC103_191202	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	02 Dec 2019	0908_QC203_191202	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
MW280S	12 Mar 2020	0908_MW280S_200312	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	17 Apr 2020	0908_MW280S_200417	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	23 Jun 2020	0908_MW280S_200623	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW280S	01 Oct 2020	0908_MW280S_201001	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	01 Oct 2020	0908_MW280S_201001	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW280S	11 Jan 2021	0908_MW280_S_210111	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	22 Jan 2021	0908_MW280S_210122	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	24 Jun 2021	0908_MW280S_210624	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	20 Sep 2021	0908_MW280S_210920	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW280S	13 Jan 2022	0908_MW280S_220113	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW280S	16 Mar 2022	0908_MW280S_220316	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW280S	20 May 2022	0908_MW280S_220520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	30 Jun 2022	0908_MW280S_220630	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW280S	16 Sep 2022	0908_MW280S_220916	Normal	NSW_0908_PFASMGMT	Broader Management Zone	Risk Zone C	<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW280S	11 Nov 2022	0908_MW280S_221111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	18 May 2023	0908_MW280S_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW280S	23 Nov 2023	0908_MW280S_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	20 Mar 2017	MW281S_GW_200317	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	19 Apr 2018	MW281S_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	<0.1	<0.25	<0.1	<0.25	<0.25	<0.1	<0.25
MW281S	19 Apr 2018	MW281S_GW_19042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW281S	22 Nov 2018	0908_MW281S_181122	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	22 Nov 2018	0908_QC104_181122	Field_D	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	22 Nov 2018	0908_QC104_181122	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW281S	31 May 2019	0908_MW281S_190531	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	31 May 2019	0908_MW281S_190531	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW281S	23 Oct 2019	0908_MW281S_191023	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	06 Nov 2019	0908_MW281S_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	15 May 2020	0908_MW281S_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	16 Nov 2020	0908_MW281_S_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	25 May 2021	0908_MW281S_210525	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	10 Nov 2021	0908_MW281S_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	26 May 2022	0908_MW281S_220526	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	10 Nov 2022	0908_MW281S_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	10 Nov 2022	0908_QC103_221110	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	10 Nov 2022	0908_QC203_221110	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW281S	10 May 2023	0908_MW281S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW281S	10 May 2023	0908_QC217_230510	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW281S	22 Nov 2023	0908_MW281S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	20 Mar 2017	MW282S_GW_200317	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	20 Mar 2017	MW282S_GW_200317	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW282S	20 Jun 2019	0908_MW282_190620	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	23 Oct 2019	0908_MW282S_191023	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	06 Nov 2019	0908_MW282S_191107	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	15 May 2020	0908_MW282S_200515	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	15 May 2020	0908_QC108_200515	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	16 Nov 2020	0908_MW282_S_201116	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	16 Nov 2020	0908_QC100_201116	Field_D	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	16 Nov 2020	0908_QC200_201116	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW282S	25 May 2021	0908_MW282S_210525	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	10 Nov 2021	0908_MW282S_211110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	26 May 2022	0908_MW282S_220526	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW282S	26 May 2022	0908_QC115_220526	Field_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	0.37	**0.41**	0.56	0.04	0.04	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	10 Nov 2022	0908_MW282S_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.03*	0.08	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	10 May 2023	0908_MW282S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.07	*0.14*	3.33	**3.47**	4.49	0.09	0.15	0.08	<0.02	<0.1	0.09	0.45	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	10 May 2023	0908_QC117_230510	Field_D	NSW_0908_PFASOMP_23	On Base	-	0.07	*0.12*	3.27	**3.39**	4.49	0.14	0.15	<0.02	<0.02	<0.1	0.12	0.52	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW282S	22 Nov 2023	0908_MW282S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.15	*0.9*	1.34	**2.24**	3.44	0.13	0.1	0.22	<0.02	<0.1	0.09	0.46	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	26 Sep 2019	0908_MW315D_190926	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.0003	0.0219	0.0219	0.0702	0.018	0.0074	<0.0005	<0.0005	<0.002	0.0032	0.0197	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315D	19 Nov 2019	0908_MW315D_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	03 Dec 2019	0908_MW315D_191203	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0005	*0.0016*	0.018	0.0196	0.0693	0.0194	0.0081	<0.0005	<0.0005	<0.0020	0.0054	0.0168	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315D	12 Mar 2020	0908_MW315D_200317	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0053*	0.0127	0.018	0.0749	0.0273	0.0073	<0.0005	<0.0005	<0.002	0.0032	0.0191	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315D	20 May 2020	0908_MW315D_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.02	0.02	0.04	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	08 Jul 2020	0908_MW315D_200708	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0045*	0.023	0.0275	0.117	0.0086	0.0154	<0.0005	<0.0005	<0.002	0.0066	0.0348	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.023	<0.001	<0.001
MW315D	29 Sep 2020	0908_MW315D_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	*0.003*	0.028	0.031	0.141	0.033	0.017	<0.002	<0.002	<0.01	0.006	0.041	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.013	<0.005	<0.005
MW315D	26 Nov 2020	0908_MW315_D_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	11 Jan 2021	0908_MW315_D_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0029*	0.0346	0.0375	0.186	0.04	0.0202	<0.0005	<0.0005	0.004	0.0048	0.0474	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.031	<0.001	<0.001
MW315D	25 Mar 2021	0908_MW315_D_210325	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0023*	0.0436	0.0459	0.306	0.138	0.0242	<0.0005	<0.0005	<0.002	0.0087	0.0563	0.0016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.031	<0.001	<0.001
MW315D	20 Sep 2021	0908_MW315D_210921	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0024*	0.043	0.0454	0.23	0.0486	0.0214	<0.0005	<0.0005	<0.0020	0.0157	0.062	0.0012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.036	<0.001	<0.001
MW315D	14 Jan 2022	0908_MW315D_220114	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.0003	0.0866	**0.0866**	0.262	0.0511	0.0309	<0.0005	<0.0005	<0.002	0.0059	0.0842	0.0029	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315D	18 Mar 2022	0908_MW315D_220318	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	0.054	0.054	0.24	0.05	0.029	<0.002	<0.002	<0.01	0.017	0.073	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.015	<0.005	<0.005
MW315D	26 May 2022	0908_MW315D_220526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.1	**0.1**	0.25	0.04	0.04	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	26 May 2022	0908_QC116_220526	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.16	**0.16**	0.39	0.06	0.06	<0.02	<0.02	<0.1	<0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	30 Jun 2022	0908_MW315D_220630	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	*0.011*	0.082	**0.093**	0.269	0.042	0.035	<0.002	<0.002	<0.01	0.017	0.071	0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.007	<0.005	<0.005
MW315D	30 Jun 2022	0908_QC103_220630	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	*0.012*	0.082	**0.094**	0.27	0.041	0.035	<0.002	<0.002	<0.01	0.018	0.069	0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	0.009	<0.005	<0.005
MW315D	16 Sep 2022	0908_MW315D_220916	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	0.174	**0.174**	0.394	0.046	0.058	<0.002	<0.002	<0.01	0.018	0.093	0.005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW315D	16 Sep 2022	0908_QC102_220916	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	0.183	**0.183**	0.417	0.049	0.059	<0.002	<0.002	<0.01	0.019	0.102	0.005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW315D	11 Nov 2022	0908_MW315D_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.12	**0.12**	0.28	0.04	0.05	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	18 May 2023	0908_MW315D_230518	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.16	**0.16**	0.3	0.04	0.03	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	18 May 2023	0908_QC120_230518	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.2	**0.2**	0.37	0.05	0.04	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315D	18 May 2023	0908_QC220_230518	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.19	**0.19**	0.32	<0.01	0.05	<0.01	<0.02	<0.02	<0.02	0.08	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	0.5	<0.01	<0.01	<0.02	<0.02
MW315D	23 Nov 2023	0908_MW315D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.16	**0.16**	0.38	0.1	0.04	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	26 Sep 2019	0908_MW315S_190926	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.0003	0.0251	0.0251	0.0318	0.0019	0.0018	<0.0005	<0.0005	<0.002	<0.0005	0.003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315S	19 Nov 2019	0908_MW315S_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	19 Nov 2019	0908_QC108_191119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	19 Nov 2019	0908_QC208_191119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.02	0.017	0.017	0.017	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW315S	03 Dec 2019	0908_MW315S_191203	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0005	*0.0077*	0.0214	0.0291	0.0357	0.0026	0.0016	<0.0005	<0.0005	<0.0020	<0.0005	0.0024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315S	12 Mar 2020	0908_MW315S_200317	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0076*	0.0097	0.0173	0.0212	0.0022	0.0008	<0.0005	<0.0005	<0.002	<0.0005	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315S	20 May 2020	0908_MW315S_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	08 Jul 2020	0908_MW315S_200708	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	<0.0003	0.0257	0.0257	0.044	0.0048	0.005	<0.0005	<0.0005	<0.002	0.0029	0.0056	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315S	29 Sep 2020	0908_MW315S_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.002	<0.002	0.018	0.018	0.026	0.002	0.003	<0.002	<0.002	<0.01	<0.002	0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW315S	26 Nov 2020	0908_MW315_S_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.04	0.04	0.17	0.04	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	11 Jan 2021	0908_MW315_S_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.0005	*0.0076*	0.0254	0.033	0.0428	0.0027	0.0022	<0.0005	<0.0005	<0.002	<0.0005	0.0029	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.002	<0.001	<0.001
MW315S	25 Mar 2021	0908_MW315_S_210325	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.0006	*0.0008*	0.0681	0.0689	0.103	0.0065	0.0068	<0.0005	<0.0005	<0.002	0.0041	0.01	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.006	<0.001	<0.001
MW315S	25 Mar 2021	0908_QC100_210325	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.0006	*0.0012*	0.0762	**0.0774**	0.118	0.007	0.0074	<0.0005	<0.0005	<0.002	0.0034	0.0097	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.013	<0.001	<0.001
MW315S	25 Mar 2021	0908_QC200_210325	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	<0.001	<0.002	0.064	0.064	0.064	0.0064	0.0062	<0.001	<0.001	<0.005	0.0023	0.0069	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	0.015	<0.001	<0.001
MW315S	20 Sep 2021	0908_MW315S_210921	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.0019	*0.0008*	0.0201	0.0209	0.0332	0.002	0.0016	<0.0005	<0.0005	<0.0020	<0.0005	0.0062	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001
MW315S	14 Jan 2022	0908_MW315S_220114	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.0019	<0.0016	0.0248	0.0248	0.0354	0.0024	0.0018	<0.0016	<0.0016	<0.008	<0.0016	0.0045	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0040	<0.002	<0.002	<0.002	<0.002
MW315S	18 Mar 2022	0908_MW315S_220318	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.004	*0.002*	0.026	0.028	0.047	<0.002	<0.002	<0.002	<0.002	0.01	<0.002	0.005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW315S	26 May 2022	0908_MW315S_220526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	30 Jun 2022	0908_MW315S_220630	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.005	*0.003*	0.024	0.027	0.073	0.002	0.002	<0.002	<0.002	0.03	<0.002	0.007	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW315S	16 Sep 2022	0908_MW315S_220916	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.003	*0.003*	0.025	0.028	0.111	0.002	0.003	<0.002	<0.002	0.06	<0.002	0.015	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
MW315S	16 Sep 2022	0908_QC203_220916	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C	0.004	*0.002*	0.019	0.021	0.084	0.003	0.003	<0.001	<0.002	0.037	0.004	0.01	0.002	<0.001	<0.002	<0.002	<0.005	<0.01	<0.05	<0.001	<0.001	<0.002	<0.002
MW315S	11 Nov 2022	0908_MW315S_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	18 May 2023	0908_MW315S_230518	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW315S	23 Nov 2023	0908_MW315S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW316D	01 Nov 2019	0908_MW316D_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05
MW316D	18 May 2020	0908_MW316D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW316D	25 Nov 2020	0908_MW316_D_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW316D	20 May 2021	0908_MW316D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW282S	26 May 2022	0908_QC115_220526	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	10 Nov 2022	0908_MW282S_221110	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	10 May 2023	0908_MW282S_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	10 May 2023	0908_QC117_230510	Field_D	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW282S	22 Nov 2023	0908_MW282S_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	26 Sep 2019	0908_MW315D_190926	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	19 Nov 2019	0908_MW315D_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	03 Dec 2019	0908_MW315D_191203	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	12 Mar 2020	0908_MW315D_200317	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	20 May 2020	0908_MW315D_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	08 Jul 2020	0908_MW315D_200708	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	29 Sep 2020	0908_MW315D_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315D	26 Nov 2020	0908_MW315_D_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	11 Jan 2021	0908_MW315_D_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	25 Mar 2021	0908_MW315_D_210325	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	20 Sep 2021	0908_MW315D_210921	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	14 Jan 2022	0908_MW315D_220114	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315D	18 Mar 2022	0908_MW315D_220318	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315D	26 May 2022	0908_MW315D_220526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	26 May 2022	0908_QC116_220526	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	30 Jun 2022	0908_MW315D_220630	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315D	30 Jun 2022	0908_QC103_220630	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315D	16 Sep 2022	0908_MW315D_220916	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315D	16 Sep 2022	0908_QC102_220916	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315D	11 Nov 2022	0908_MW315D_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	18 May 2023	0908_MW315D_230518	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	18 May 2023	0908_QC120_230518	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315D	18 May 2023	0908_QC220_230518	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW315D	23 Nov 2023	0908_MW315D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	26 Sep 2019	0908_MW315S_190926	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	19 Nov 2019	0908_MW315S_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	19 Nov 2019	0908_QC108_191119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	19 Nov 2019	0908_QC208_191119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW315S	03 Dec 2019	0908_MW315S_191203	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	12 Mar 2020	0908_MW315S_200317	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	20 May 2020	0908_MW315S_200520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	08 Jul 2020	0908_MW315S_200708	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	29 Sep 2020	0908_MW315S_200929	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315S	26 Nov 2020	0908_MW315_S_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	11 Jan 2021	0908_MW315_S_210111	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	25 Mar 2021	0908_MW315_S_210325	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	25 Mar 2021	0908_QC100_210325	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	25 Mar 2021	0908_QC200_210325	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
MW315S	20 Sep 2021	0908_MW315S_210921	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001
MW315S	14 Jan 2022	0908_MW315S_220114	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.0016	<0.004	<0.0016	<0.004	<0.004	<0.0016	<0.004
MW315S	18 Mar 2022	0908_MW315S_220318	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315S	26 May 2022	0908_MW315S_220526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	30 Jun 2022	0908_MW315S_220630	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315S	16 Sep 2022	0908_MW315S_220916	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.002	<0.005	<0.002	<0.005	<0.005	<0.002	<0.005
MW315S	16 Sep 2022	0908_QC203_220916	Interlab_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone C		<0.01	<0.05	<0.002	<0.05	<0.1	<0.002	<0.5
MW315S	11 Nov 2022	0908_MW315S_221111	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	18 May 2023	0908_MW315S_230518	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW315S	23 Nov 2023	0908_MW315S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW316D	01 Nov 2019	0908_MW316D_191101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW316D	18 May 2020	0908_MW316D_200518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW316D	25 Nov 2020	0908_MW316_D_201125	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW316D	20 May 2021	0908_MW316D_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW316D	11 Nov 2021	0908_MW316D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW316D	20 May 2022	0908_MW316D_220520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW316D	07 Nov 2022	0908_MW316D_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW316D	09 May 2023	0908_MW316D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW316D	21 Nov 2023	0908_MW316D_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317D	26 Jun 2020	0908_MW317D_200626	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317D	24 May 2021	0908_MW317D_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317D	30 May 2022	0908_MW317D_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317D	12 May 2023	0908_MW317D_230512	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317S	26 Jun 2020	0908_MW317S_200626	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317S	24 May 2021	0908_MW317S_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.04*	0.1	**0.14**	0.14	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317S	18 Nov 2021	0908_MW317S_211118	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.07*	0.02	**0.09**	0.09	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317S	18 Nov 2021	0908_QC102_211118	Field_D	NSW_0908_PFASOMP	On Base	-	<0.01	*0.08*	0.02	**0.1**	0.1	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317S	30 May 2022	0908_MW317S_220530	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.03*	0.03	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW317S	12 May 2023	0908_MW317S_230512	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.04*	0.02	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	19 Nov 2019	0908_MW318D_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.22	**0.22**	0.37	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	21 May 2020	0908_MW318D_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.37	**0.37**	0.37	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	25 Nov 2020	0908_MW318_D_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.08	**0.08**	0.11	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	20 May 2021	0908_MW318D_210520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.21	**0.21**	0.39	0.05	0.04	<0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	15 Nov 2021	0908_MW318D_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.02	*0.03*	0.52	**0.55**	1.31	0.22	0.15	<0.02	<0.02	<0.1	0.05	0.32	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	30 May 2022	0908_QC219_220530	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.02	*0.04*	0.55	**0.59**	1.3	0.18	0.14	0.02	<0.02	0.03	0.05	0.26	0.02	<0.01	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW318D	31 May 2022	0908_MW318D_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.02	*0.04*	0.6	**0.64**	1.38	0.19	0.2	<0.02	<0.02	<0.1	0.05	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	08 Nov 2022	0908_MW318D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	0.17	**0.17**	0.48	0.09	0.09	<0.02	<0.02	<0.1	0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	11 May 2023	0908_MW318D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	*0.04*	0.28	**0.32**	0.63	0.09	0.08	<0.02	<0.02	<0.1	0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318D	23 Nov 2023	0908_MW318D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	0.01	*0.04*	0.41	**0.45**	0.86	0.1	0.08	<0.02	<0.02	<0.1	0.03	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	19 Nov 2019	0908_MW318S_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	19 Nov 2019	0908_QC109_191119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	19 Nov 2019	0908_QC209_191119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
MW318S	21 May 2020	0908_MW318S_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	25 Nov 2020	0908_MW318_S_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	20 May 2021	0908_MW318S_210520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	15 Nov 2021	0908_MW318S_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	31 May 2022	0908_MW318S_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	08 Nov 2022	0908_MW318S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	11 May 2023	0908_MW318S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW318S	23 Nov 2023	0908_MW318S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	09 Feb 2016	W6_09022016	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW406	25 Aug 2016	W6_250816	Normal	NSW_0908_PFAS	On Base	-	0.01	*0.03*	0.04	0.07	0.08	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW406	19 Oct 2016	QC105_191016	Field_D	NSW_0908_PFAS	On Base	-	<0.01	*0.01*	0.04	0.05	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	<0.05	<0.01	-
MW406	19 Oct 2016	W6_191016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.03	0.05	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	<0.05	<0.01	-
MW406	11 Jan 2017	QC811_GW_11012017	Interlab_D	NSW_0908_PFAS	On Base	-	<0.02	<0.01	0.034	0.034	0.034	<0.01	-	-	<0.02	<0.05	<0.02	0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-
MW406	12 Jan 2017	W6_GW_12012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	03 Apr 2018	W6_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	03 Apr 2018	W6_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW406	29 Jun 2018	0908_W6_180629	Normal	NSW_0908_Stage2	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	21 Nov 2018	0908_W6_181121	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	28 May 2019	0908_W6_190528	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	12 May 2020	0908_MW406_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	19 May 2021	0908_MW406_210519	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.03*	0.03	0.06	0.06	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	24 May 2022	0908_MW406_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	24 May 2022	0908_QC113_220524	Field_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	24 May 2022	0908_QC213_220524	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW406	08 May 2023	0908_MW406_230508	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.03	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	08 May 2023	0908_QC100_230508	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW406	08 May 2023	0908_QC200_230508	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.01	<0.01	0.04	0.04	0.04	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02
MW433	18 Nov 2014	QC109_GW_18112014	Field_D	NSW_0908_PFAS	On Base	-	0.01	*0.13*	0.03	**0.16**	0.17	<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	-
MW433	18 Nov 2014	W33_18112014	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.15*	0.08	**0.23**	0.23	<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	-

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW316D	11 Nov 2021	0908_MW316D_211111	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW316D	20 May 2022	0908_MW316D_220520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW316D	07 Nov 2022	0908_MW316D_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW316D	09 May 2023	0908_MW316D_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW316D	21 Nov 2023	0908_MW316D_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317D	26 Jun 2020	0908_MW317D_200626	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317D	24 May 2021	0908_MW317D_210524	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317D	30 May 2022	0908_MW317D_220530	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317D	12 May 2023	0908_MW317D_230512	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317S	26 Jun 2020	0908_MW317S_200626	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317S	24 May 2021	0908_MW317S_210524	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317S	18 Nov 2021	0908_MW317S_211118	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317S	18 Nov 2021	0908_QC102_211118	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317S	30 May 2022	0908_MW317S_220530	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW317S	12 May 2023	0908_MW317S_230512	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	19 Nov 2019	0908_MW318D_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	21 May 2020	0908_MW318D_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	25 Nov 2020	0908_MW318_D_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	20 May 2021	0908_MW318D_210520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	15 Nov 2021	0908_MW318D_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	30 May 2022	0908_QC219_220530	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW318D	31 May 2022	0908_MW318D_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	08 Nov 2022	0908_MW318D_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	11 May 2023	0908_MW318D_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318D	23 Nov 2023	0908_MW318D_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	19 Nov 2019	0908_MW318S_191119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	19 Nov 2019	0908_QC109_191119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	19 Nov 2019	0908_QC209_191119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW318S	21 May 2020	0908_MW318S_200521	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	25 Nov 2020	0908_MW318_S_201125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	20 May 2021	0908_MW318S_210520	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	15 Nov 2021	0908_MW318S_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	31 May 2022	0908_MW318S_220531	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	08 Nov 2022	0908_MW318S_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	11 May 2023	0908_MW318S_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW318S	23 Nov 2023	0908_MW318S_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	09 Feb 2016	W6_09022016	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW406	25 Aug 2016	W6_250816	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW406	19 Oct 2016	QC105_191016	Field_D	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW406	19 Oct 2016	W6_191016	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW406	11 Jan 2017	QC811_GW_11012017	Interlab_D	NSW_0908_PFAS	On Base	-		<0.02	-	-	-	-	-	-
MW406	12 Jan 2017	W6_GW_12012017	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	03 Apr 2018	W6_GW_03042018	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	03 Apr 2018	W6_GW_03042018	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW406	29 Jun 2018	0908_W6_180629	Normal	NSW_0908_Stage2	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	21 Nov 2018	0908_W6_181121	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	28 May 2019	0908_W6_190528	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	12 May 2020	0908_MW406_200512	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	19 May 2021	0908_MW406_210519	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	24 May 2022	0908_MW406_220524	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	24 May 2022	0908_QC113_220524	Field_D	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	24 May 2022	0908_QC213_220524	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW406	08 May 2023	0908_MW406_230508	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	08 May 2023	0908_QC100_230508	Field_D	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW406	08 May 2023	0908_QC200_230508	Interlab_D	NSW_0908_PFASOMP_23	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW433	18 Nov 2014	QC109_GW_18112014	Field_D	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW433	18 Nov 2014	W33_18112014	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW433	24 Aug 2016	W33_240816	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.02*	0.02	0.04	0.04	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW433	17 Oct 2016	W33_171016	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.06*	0.05	**0.11**	0.11	<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	-
MW433	12 Jan 2017	W33_GW_12012017	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	13 Jan 2017	W33_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.04*	0.04	**0.08**	0.08	<0.01	-	-	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW433	03 May 2017	W33_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.01	*0.07*	0.05	**0.12**	0.12	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<2	<0.05	<0.01
MW433	03 Apr 2018	W33_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.01	*0.03*	0.04	0.07	0.07	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	28 Jun 2018	0908_W33_180628	Normal	NSW_0908_Stage2	On Base	-	<0.01	*0.02*	0.09	**0.11**	0.11	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	21 Nov 2018	0908_W33_181121	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.05*	0.11	**0.16**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	27 May 2019	0908_W33_190527	Normal	NSW_0908_PFAS	On Base	-	0.02	*0.1*	0.18	**0.28**	0.3	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	06 Nov 2019	0908_MW433_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.05*	0.16	**0.21**	0.22	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	12 May 2020	0908_MW433_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.03*	0.09	**0.12**	0.12	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	17 Nov 2020	0908_MW433_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	0.02	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	17 May 2021	0908_MW433_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.01	*0.16*	0.1	**0.26**	0.27	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	08 Nov 2021	0908_MW433_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.05*	0.05	**0.1**	0.1	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	24 May 2022	0908_MW433_220524	Normal	NSW_0908_PFASOMP	On Base	-	0.02	*0.06*	0.03	**0.09**	0.11	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	08 Nov 2022	0908_MW433_221108	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	*0.02*	0.01	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	09 May 2023	0908_MW433_230509	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.02*	0.01	0.03	0.03	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	23 Nov 2023	0908_MW433_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.01	*0.01*	0.01	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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	18 Jun 2014	W66	Normal	ACTNSW_Hist_202012-3	On Base	-	**1.4**	*29.1*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW466	11 Aug 2014	W66_11082014	Normal	NSW_0908_PFAS	On Base	-	**0.69**	<0.01	0.03	**13.03**	0.72	3.9	-	-	<0.01	-	0.61	6.7	0.03	0.03	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW466	11 Aug 2014	W66_11082014	Normal	NSW_0908_PFAS	On Base	-	-	*13*	-	-	-	-	-	-	-	-	-	-	1.7	13	-	0.03	0.03	-	-	-	-	0.03	-
MW466	29 Aug 2016	QC104_2908016	Field_D	ACTNSW_Hist_202012-3	On Base	-	**1.33**	*31.8*	10.5	**42.3**	51.9	1	1.13	1.07	<0.02	0.4	1.01	3.12	0.51	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	29 Aug 2016	W66_290816	Normal	NSW_0908_PFAS	On Base	-	**0.77**	*26*	7.3	**33.3**	34.07	0.57	-	-	<0.01	0.1	0.3	1.9	0.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW466	19 Oct 2016	W66_191016	Normal	NSW_0908_PFAS	On Base	-	**0.58**	*33*	5.9	**38.9**	39.48	0.41	-	-	<0.01	0.14	0.15	1.1	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW466	20 Dec 2016	QC800_GW_201216	Interlab_D	NSW_0908_PFAS	On Base	-	0.4	*31*	2.3	**33.3**	33.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
MW466	20 Dec 2016	W66_GW_20122016	Normal	NSW_0908_PFAS	On Base	-	0.5	*32*	3.24	**35.2**	37.7	0.17	0.22	0.4	<0.02	<0.1	0.2	0.84	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	20 Dec 2016	W66_GW_20122016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**35.24**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW466	12 Jan 2017	W66_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	**0.61**	*50*	3.2	**53.2**	53.81	0.2	-	-	<0.01	0.13	0.17	1.1	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW466	24 Jan 2017	W66_24012017	Normal	NSW_0908_PFAS	On Base	-	**0.69**	*52.9*	4.78	**57.68**	61.2	0.24	0.32	0.57	<0.02	<0.1	0.33	1.23	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	24 Jan 2017	W66_24012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**57.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW466	02 May 2017	W66_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.17	*9.5*	3	**12.5**	12.67	0.17	0.22	0.21	<0.01	0.05	0.09	0.37	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01
MW466	10 Jul 2017	W66	Normal	ACTNSW_Hist_202012-3	On Base	-	**0.58**	*28.1*	7.75	**35.8**	36.43	0.81	-	-	-	<0.1	0.2	1.12	0.2	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
MW466	20 Apr 2018	W66_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	0.19	*24*	2.23	**26.2**	28	0.15	0.21	0.19	0.03	<0.1	0.17	0.8	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	20 Apr 2018	W66_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**26.23**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW466	22 Aug 2018	0908_W66_180822	Normal	NSW_0908_PFASMGMT	On Base	-	0.33	*14.7*	6.5	**21.2**	25.2	0.53	0.71	0.34	<0.02	0.2	0.33	1.42	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	14 Sep 2018	0908_W66_180914	Normal	NSW_0908_PFASMGMT	On Base	-	0.39	*15.1*	8.14	**23.2**	28.6	0.8	0.92	0.38	<0.02	<0.1	0.38	2.26	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	29 Nov 2018	0908_W66_181129	Normal	NSW_0908_PFAS	On Base	-	0.2	*14.8*	2.45	**17.2**	18.7	0.17	0.18	0.18	<0.02	<0.1	0.16	0.52	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	29 Nov 2018	0908_W66_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**17.25**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW466	23 Apr 2019	0908_W66_190423	Normal	NSW_0908_PFASMGMT	On Base	-	0.06	*11.8*	0.8	**12.6**	13.4	0.08	0.1	0.06	<0.02	<0.1	0.09	0.36	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	22 May 2019	0908_W66_190522	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*8.73*	0.5	**9.23**	9.99	0.04	0.05	0.04	0.04	0.2	0.11	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	31 May 2019	0908_W66_190531	Normal	NSW_0908_PFAS	On Base	-	0.05	*9.65*	0.65	**10.3**	11	0.04	0.05	0.04	0.05	<0.1	0.15	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	19 Jun 2019	0908_W66_190619	Normal	NSW_0908_PFASMGMT	On Base	-	0.07	*6.82*	0.93	**7.75**	8.46	0.04	0.08	0.04	<0.02	<0.1	0.13	0.31	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	24 Sep 2019	0908_W66_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.14	*9.04*	1.96	**11**	12.4	0.2	0.2	0.1	0.04	<0.1	0.23	0.43	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	08 Nov 2019	0908_MW466_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.12	*10.3*	1.65	**12**	13.4	0.09	0.12	0.08	0.03	0.1	0.3	0.52	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	03 Dec 2019	0908_W66_191203	Normal	NSW_0908_PFAS	On Base	-	0.11	*6.98*	1.03	**8.01**	9.3	0.06	0.08	0.08	0.03	<0.1	0.25	0.55	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05
MW466	16 Mar 2020	0908_W66_200316	Normal	NSW_0908_PFASMGMT	On Base	-	<0.05	*1.67*	0.2	**1.87**	1.87	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05
MW466	11 May 2020	0908_MW466_200511	Normal	NSW_0908_PFASOMP	On Base	-	0.07	*3.35*	3.41	**6.76**	9.29	0.65	0.83	0.06	<0.02	<0.1	0.22	0.64	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	22 Jun 2020	0908_MW466_200622	Normal	NSW_0908_PFASMGMT	On Base	-	0.12	*7.22*	2.72	**9.94**	11.8	0.28	0.27	0.09	0.04	0.2	0.19	0.5	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.13	<0.05	<0.05
MW466	01 Oct 2020	0908_MW466_201001	Normal	NSW_0908_PFASMGMT	On Base	-	0.13	*5.25*	4.38	**9.63**	13	0.47	0.84	0.12	0.06	0.1	0.3	1.1	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.12	<0.05	<0.05
MW466	17 Nov 2020	0908_MW466_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.07	*2*	2.41	**4.41**	5.26	0.15	0.18	0.06	<0.02	<0.1	0.06	0.28	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	13 Jan 2021	0908_MW466_210113	Normal	NSW_0908_PFASMGMT	On Base	-	0.16	*6.13*	2.92	**9.05**	11.1	0.34	0.39	0.19	0.04	<0.1	0.12	0.57	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.11	<0.05	<0.05
MW466	29 Mar 2021	0908_MW466_210329	Normal	NSW_0908_PFASMGMT	On Base	-	0.14	*0.74*	1.22	**1.96**	5.8	0.14	0.12	0.03	<0.02	0.8	0.89	1.5	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	27 Apr 2021	0908_MW466_210427	Normal	NSW_0908_WQMP_21	On Base	-	0.42	*22*	6.4	**29**	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	<0.02	-
MW466	24 May 2021	0908_MW466_210524	Normal	NSW_0908_PFASOMP	On Base	-	0.41	*19*	6.79	**25.8**	29.3	0.38	0.56	0.39	<0.02	0.2	0.24	1.13	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	23 Jun 2021	0908_MW466_210623	Normal	NSW_0908_PFASMGMT	On Base	-	0.52	*9.03*	3.34	**12.4**	15	0.22	0.26	0.37	0.05	0.1	0.21	0.78	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	28 Jul 2021	0908_MW466_210728	Normal	NSW_0908_WQMP_21	On Base	-	0.52	*13*	5.3	**18.3**	21.55	0.23	0.32	0.56	<0.01	0.19	0.25	0.87	0.16	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01
MW466	22 Sep 2021	0908_MW466_210922	Normal	NSW_0908_PFASMGMT	On Base	-	0.04	*0.13*	1.66	**1.79**	2.07	0.04	0.06	0.08	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW433	24 Aug 2016	W33_240816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW433	17 Oct 2016	W33_171016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW433	12 Jan 2017	W33_GW_12012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	13 Jan 2017	W33_130117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW433	03 May 2017	W33_030517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW433	03 Apr 2018	W33_GW_03042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	28 Jun 2018	0908_W33_180628	Normal	NSW_0908_Stage2	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	21 Nov 2018	0908_W33_181121	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	27 May 2019	0908_W33_190527	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	06 Nov 2019	0908_MW433_191106	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	12 May 2020	0908_MW433_200512	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	17 Nov 2020	0908_MW433_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	17 May 2021	0908_MW433_210517	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	08 Nov 2021	0908_MW433_211108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	24 May 2022	0908_MW433_220524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	08 Nov 2022	0908_MW433_221108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	09 May 2023	0908_MW433_230509	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW433	23 Nov 2023	0908_MW433_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	18 Jun 2014	W66	Normal	ACTNSW_Hist_202012-3	On Base	-	-	-	-	-	-	-	-
MW466	11 Aug 2014	W66_11082014	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW466	11 Aug 2014	W66_11082014	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW466	29 Aug 2016	QC104_2908016	Field_D	ACTNSW_Hist_202012-3	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	29 Aug 2016	W66_290816	Normal	NSW_0908_PFAS	On Base	-	<0.05	<0.05	-	-	<0.05	-	-
MW466	19 Oct 2016	W66_191016	Normal	NSW_0908_PFAS	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW466	20 Dec 2016	QC800_GW_201216	Interlab_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW466	20 Dec 2016	W66_GW_20122016	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	20 Dec 2016	W66_GW_20122016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW466	12 Jan 2017	W66_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	-	<0.05	-	-	<0.05	-
MW466	24 Jan 2017	W66_24012017	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	24 Jan 2017	W66_24012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW466	02 May 2017	W66_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	10 Jul 2017	W66	Normal	ACTNSW_Hist_202012-3	On Base	-	-	-	-	-	-	-	-
MW466	20 Apr 2018	W66_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	20 Apr 2018	W66_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW466	22 Aug 2018	0908_W66_180822	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	14 Sep 2018	0908_W66_180914	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	29 Nov 2018	0908_W66_181129	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	29 Nov 2018	0908_W66_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
MW466	23 Apr 2019	0908_W66_190423	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	22 May 2019	0908_W66_190522	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	31 May 2019	0908_W66_190531	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	19 Jun 2019	0908_W66_190619	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	24 Sep 2019	0908_W66_190924	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	08 Nov 2019	0908_MW466_191108	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	03 Dec 2019	0908_W66_191203	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	16 Mar 2020	0908_W66_200316	Normal	NSW_0908_PFASMGMT	On Base	-	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW466	11 May 2020	0908_MW466_200511	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	22 Jun 2020	0908_MW466_200622	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	01 Oct 2020	0908_MW466_201001	Normal	NSW_0908_PFASMGMT	On Base	-	0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	17 Nov 2020	0908_MW466_201117	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	13 Jan 2021	0908_MW466_210113	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	29 Mar 2021	0908_MW466_210329	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	27 Apr 2021	0908_MW466_210427	Normal	NSW_0908_WQMP_21	On Base	-	-	-	-	-	-	-	-
MW466	24 May 2021	0908_MW466_210524	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	23 Jun 2021	0908_MW466_210623	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	28 Jul 2021	0908_MW466_210728	Normal	NSW_0908_WQMP_21	On Base	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	22 Sep 2021	0908_MW466_210922	Normal	NSW_0908_PFASMGMT	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW466	14 Oct 2021	0908_MW466_211014	Normal	NSW_0908_WQMP_21	On Base	-	0.33	*6.8*	2.4	**9.2**	11.54	0.12	0.18	0.2	0.01	0.19	0.29	0.68	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14	<0.01	<0.01
MW466	16 Nov 2021	0908_MW466_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.41	*16*	3.73	**19.7**	22.6	0.22	0.26	0.4	0.06	0.1	0.3	0.87	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW466	11 Jan 2022	0908_MW466_220111	Normal	NSW_0908_PFASMGMT	On Base	-	0.25	*16.1*	2.05	**18.2**	20	0.12	0.13	0.3	0.08	<0.1	0.21	0.6	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW466	19 Jan 2022	0908_MW466_220119	Normal	NSW_0908_WQMP_21	On Base	-	0.28	*18*	2.5	**21**	23	0.13	0.17	0.28	0.08	0.1	0.2	0.52	0.1	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.08	<0.02	<0.02
MW466	28 Jan 2022	0908_MW466_220128	Normal	NSW_0908_PFASMGMT	On Base	-	0.25	*17.9*	2.78	**20.7**	22.9	0.16	0.2	0.34	0.05	0.1	0.24	0.68	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05
MW466	14 Mar 2022	0908_MW466_220314	Normal	NSW_0908_PFASMGMT	On Base	-	0.28	*8.33*	2.26	**10.6**	12.4	0.14	0.18	0.17	<0.02	0.2	0.21	0.56	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	12 Apr 2022	0908_MW466_220412	Normal	NSW_0908_WQMP_21	On Base	-	0.13	*8.4*	1.3	**9.8**	11	0.08	0.11	0.1	<0.02	0.04	0.32	0.24	0.05	0.02	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.04	<0.02	<0.02
MW466	19 May 2022	0908_MW466_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.17	*10*	1.84	**11.8**	13.1	0.11	0.12	0.15	0.04	<0.1	0.12	0.45	0.06	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	20 Jun 2022	0908_MW466_220620	Normal	NSW_0908_PFASMGMT	On Base	-	0.17	*11.8*	2.05	**13.8**	15.2	0.1	0.14	0.15	0.06	<0.1	0.14	0.41	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.11	<0.05	<0.05
MW466	21 Jul 2022	0908_MW466_220721	Normal	NSW_0908_WQMP_21	On Base	-	0.33	*9*	2.2	**11**	13	0.14	0.13	0.2	<0.02	0.1	0.2	0.46	0.1	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.02	<0.02	<0.02
MW466	12 Sep 2022	0908_MW466_220912	Normal	NSW_0908_PFASMGMT	On Base	-	0.3	*18.8*	3.33	**22.1**	24.2	0.14	0.2	0.28	0.04	0.1	0.21	0.62	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05
MW466	10 Nov 2022	0908_MW466_221110	Normal	NSW_0908_PFASOMP	On Base	-	**0.63**	*19.1*	5.72	**24.8**	28.1	0.17	0.3	0.76	0.07	0.1	0.18	0.75	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW466	19 Jan 2023	0908_MW466_230119	Normal	NSW_0908_WQMP_21	On Base	-	0.29	*24*	2.3	**27**	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08	<0.02	-
MW466	18 Apr 2023	0908_MW466_230418	Normal	NSW_0908_WQMP_21	On Base	-	0.1	*11*	0.95	**12**	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06	<0.02	-
MW466	10 May 2023	0908_MW466_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.16	*18.4*	1.3	**19.7**	20.6	0.07	0.09	0.19	<0.02	<0.1	0.09	0.28	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	05 Jul 2023	0908_MW466_230705	Normal	NSW_0908_WQMP_21	On Base	-	0.15	*18*	1.3	**20**	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	<0.02	-
MW466	22 Nov 2023	0908_MW466_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.3	*17.1*	1.14	**18.2**	19.4	0.05	0.07	0.39	<0.02	<0.1	0.06	0.23	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	17 Nov 2014	MW68_17112014	Normal	NSW_0908_PFAS	On Base	-	**0.71**	*47*	6.6	**53.6**	54.31	0.68	-	-	0.05	-	0.14	1.6	0.27	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-
MW468	02 Feb 2016	W68_02022016	Normal	NSW_0908_PFAS	On Base	-	0.55	*22.8*	-	**22.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
MW468	30 Aug 2016	W68_300816	Normal	NSW_0908_PFAS	On Base	-	**0.79**	*37*	9.8	**46.8**	47.59	0.89	-	-	<0.01	0.05	0.21	2.7	0.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW468	19 Oct 2016	W68_191016	Normal	NSW_0908_PFAS	On Base	-	0.42	*28*	5.6	**33.6**	34.02	0.43	-	-	<0.01	0.22	0.2	1.5	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-
MW468	12 Jan 2017	W68_120117	Normal	ACTNSW_Hist_202012-3	On Base	-	0.37	*45*	3.8	**48.8**	49.17	0.27	-	-	<0.01	0.12	0.17	1.1	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	0.02	-
MW468	24 Jan 2017	W68_24012017	Normal	NSW_0908_PFAS	On Base	-	**0.65**	*54.4*	7.09	**61.49**	66	0.42	0.57	0.47	<0.02	<0.1	0.38	1.7	0.29	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	24 Jan 2017	W68_24012017	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**61.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW468	02 May 2017	W68_020517	Normal	ACTNSW_Hist_202012-3	On Base	-	0.48	*29*	6.2	**35.2**	35.68	<0.3	0.51	0.51	<0.3	<0.3	0.35	1.2	0.23	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<1.5	<1.5	<1.5	<1.5
MW468	20 Apr 2018	W68_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	0.21	*27.8*	2.42	**30.2**	32.3	0.27	0.32	0.24	0.04	<0.1	0.2	0.74	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	20 Apr 2018	W68_GW_20042018	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**30.22**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW468	22 Aug 2018	0908_W68_180822	Normal	NSW_0908_PFASMGMT	On Base	-	0.27	*14.9*	4.66	**19.6**	22.2	0.22	0.35	0.24	<0.02	0.1	0.28	0.99	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	14 Sep 2018	0908_W68_180914	Normal	NSW_0908_PFASMGMT	On Base	-	0.23	*12.8*	3.07	**15.9**	18.5	0.23	0.28	0.24	<0.02	<0.1	0.27	1.2	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW468	29 Nov 2018	0908_W68_181129	Normal	NSW_0908_PFAS	On Base	-	0.26	*15.7*	3.69	**19.4**	21.6	0.31	0.35	0.21	<0.02	<0.1	0.19	0.8	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	29 Nov 2018	0908_W68_181129	Normal	NSW_0908_PFAS	On Base	-	-	-	-	**19.39**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW468	23 Apr 2019	0908_W68_190423	Normal	NSW_0908_PFASMGMT	On Base	-	0.24	*12.5*	3.73	**16.2**	18.5	0.32	0.39	0.26	<0.02	<0.1	0.16	0.77	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	22 May 2019	0908_W68_190522	Normal	NSW_0908_PFASMGMT	On Base	-	0.13	*8.23*	1.48	**9.71**	10.8	0.06	0.12	0.11	0.03	<0.1	0.17	0.33	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	31 May 2019	0908_W68_190531	Normal	NSW_0908_PFAS	On Base	-	0.11	*7.49*	1.09	**8.58**	9.54	0.06	0.09	0.08	0.03	<0.1	0.2	0.31	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	19 Jun 2019	0908_W68_190619	Normal	NSW_0908_PFASMGMT	On Base	-	0.08	*5.99*	0.83	**6.82**	7.55	0.03	0.07	0.06	<0.02	<0.1	0.13	0.32	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	24 Sep 2019	0908_W68_190924	Normal	NSW_0908_PFASMGMT	On Base	-	0.22	*8.58*	2.83	**11.4**	13.7	0.21	0.28	0.15	<0.02	<0.1	0.32	0.91	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW468	08 Nov 2019	0908_MW468_191108	Normal	NSW_0908_PFASOMP	On Base	-	0.2	*13.2*	3.48	**16.7**	18.8	0.23	0.27	0.17	<0.02	0.1	0.24	0.72	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05
MW468	03 Dec 2019	0908_W68_191203	Normal	NSW_0908_PFAS	On Base	-	0.05	*3.43*	0.56	**3.99**	4.88	0.06	0.06	0.04	0.02	<0.1	0.22	0.39	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	16 Mar 2020	0908_W68_200316	Normal	NSW_0908_PFASMGMT	On Base	-	<0.05	*1.73*	0.19	**1.92**	1.97	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.12	<0.05	<0.05	<0.05	<0.05
MW468	11 May 2020	0908_MW468_200511	Normal	NSW_0908_PFASOMP	On Base	-	0.32	*11.5*	6.59	**18.1**	22.8	0.62	1.25	0.37	0.03	0.1	0.29	1.36	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.09	<0.05	<0.05
MW468	23 Jun 2020	0908_MW468_200623	Normal	NSW_0908_PFASMGMT	On Base	-	0.12	*4.66*	1.41	**6.07**	7.69	0.13	0.16	0.08	0.03	<0.1	0.21	0.53	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.21	<0.05	<0.05
MW468	01 Oct 2020	0908_MW468_201001	Normal	NSW_0908_PFASMGMT	On Base	-	0.11	*5.89*	1.38	**7.27**	8.69	0.15	0.21	0.09	0.02	<0.1	0.16	0.45	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.13	<0.05	<0.05
MW468	17 Nov 2020	0908_MW468_201117	Normal	NSW_0908_PFASOMP	On Base	-	0.2	*7.1*	5.12	**12.2**	15.9	0.59	0.8	0.16	<0.02	0.2	0.27	1.26	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW468	13 Jan 2021	0908_MW468_210113	Normal	NSW_0908_PFASMGMT	On Base	-	0.27	*12.3*	4.95	**17.2**	19.8	0.25	0.48	0.23	0.03	<0.1	0.18	0.69	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.2	<0.05	<0.05
MW468	29 Mar 2021	0908_MW468_210329	Normal	NSW_0908_PFASMGMT	On Base	-	0.06	*3*	0.48	**3.48**	3.78	0.03	0.04	0.04	<0.02	<0.1	0.04	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	17 May 2021	0908_MW468_210517	Normal	NSW_0908_PFASOMP	On Base	-	0.32	*15.9*	5.59	**21.5**	24.8	0.31	0.52	0.37	0.03	0.2	0.31	0.96	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.09	<0.05	<0.05
MW468	23 Jun 2021	0908_MW468_210623	Normal	NSW_0908_PFASMGMT	On Base	-	0.44	*10.8*	5.66	**16.5**	19.7	0.23	0.39	0.24	<0.02	0.2	0.3	1.15	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.11	<0.05	<0.05
MW468	22 Sep 2021	0908_MW468_210922	Normal	NSW_0908_PFASMGMT	On Base	-	0.38	*14.3*	5.62	**19.9**	22.9	0.29	0.39	0.33	<0.02	0.2	0.29	0.84	0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.09	<0.05	<0.05
MW468	16 Nov 2021	0908_MW468_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.34	*14.9*	5.74	**20.6**	23.5	0.27	0.38	0.26	0.02	0.2	0.28	0.93	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW468	16 Nov 2021	0908_QC208_211116	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.32	*14*	5.3	**19**	22	0.23	0.34	0.3	<0.02	0.2	0.25	0.87	0.18	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.09	<0.02	<0.02
MW468	12 Jan 2022	0908_MW468_220112	Normal	NSW_0908_PFASMGMT	On Base	-	0.21	*9.9*	2.14	**12**	13.7	0.12	0.14	0.16	0.02	<0.1	0.18	0.58	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.1	<0.05	<0.05
MW468	14 Mar 2022	0908_MW468_220314	Normal	NSW_0908_PFASMGMT	On Base	-	0.26	*21.7*	2.72	**24.4**	26.4	0.16	0.21	0.19	0.02	0.1	0.2	0.62	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.14	<0.05	<0.05
MW468	19 May 2022	0908_MW468_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.29	*16*	3.38	**19.4**	21.7	0.15	0.23	0.3	0.03	0.1	0.23	0.67	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.12	<0.05	<0.05
MW468	19 May 2022	0908_QC210_220519	Interlab_D	NSW_0908_PFASOMP	On Base	-	0.35	*17*	3.6	**21**	23	0.16	0.2	0.29	0.03	0.1	0.24	0.56	0.12	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.12	<0.02	<0.02
MW468	20 Jun 2022	0908_MW468_220620	Normal	NSW_0908_PFASMGMT	On Base	-	0.23	*15.4*	3.21	**18.6**	20.1	0.16	0.24	0.22	0.02	<0.1	0.11	0.34	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05
MW468	12 Sep 2022	0908_MW468_220912	Normal	NSW_0908_PFASMGMT	On Base	-	0.31	*16.1*	3.37	**19.5**	21.4	0.12	0.21	0.28	<0.02	0.1	0.18	0.49	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.1	<0.05	<0.05
MW468	12 Sep 2022	0908_QC101_220912	Field_D	NSW_0908_PFASMGMT	On Base	-	0.31	*15.6*	3.67	**19.3**	21.2	0.13	0.19	0.28	0.02	0.1	0.19	0.52	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.1	<0.05	<0.05

Table T5 - Historical Groundwater Analytical Results

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water														
PFAS NEMP 2020 Freshwater 99%														
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
MW466	14 Oct 2021	0908_MW466_211014	Normal	NSW_0908_WQMP_21	On Base	-		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW466	16 Nov 2021	0908_MW466_211116	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	11 Jan 2022	0908_MW466_220111	Normal	NSW_0908_PFASMGMT	On Base	-		0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	19 Jan 2022	0908_MW466_220119	Normal	NSW_0908_WQMP_21	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW466	28 Jan 2022	0908_MW466_220128	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	14 Mar 2022	0908_MW466_220314	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	12 Apr 2022	0908_MW466_220412	Normal	NSW_0908_WQMP_21	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW466	19 May 2022	0908_MW466_220519	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	20 Jun 2022	0908_MW466_220620	Normal	NSW_0908_PFASMGMT	On Base	-		0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	21 Jul 2022	0908_MW466_220721	Normal	NSW_0908_WQMP_21	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW466	12 Sep 2022	0908_MW466_220912	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	10 Nov 2022	0908_MW466_221110	Normal	NSW_0908_PFASOMP	On Base	-		0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	19 Jan 2023	0908_MW466_230119	Normal	NSW_0908_WQMP_21	On Base	-		-	-	-	-	-	-	-
MW466	18 Apr 2023	0908_MW466_230418	Normal	NSW_0908_WQMP_21	On Base	-		-	-	-	-	-	-	-
MW466	10 May 2023	0908_MW466_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW466	05 Jul 2023	0908_MW466_230705	Normal	NSW_0908_WQMP_21	On Base	-		-	-	-	-	-	-	-
MW466	22 Nov 2023	0908_MW466_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	17 Nov 2014	MW68_17112014	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW468	02 Feb 2016	W68_02022016	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW468	30 Aug 2016	W68_300816	Normal	NSW_0908_PFAS	On Base	-		<0.05	<0.05	-	-	<0.05	-	-
MW468	19 Oct 2016	W68_191016	Normal	NSW_0908_PFAS	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW468	12 Jan 2017	W68_120117	Normal	ACTNSW_Hist_202012-3	On Base	-		<0.05	-	<0.05	-	-	<0.05	-
MW468	24 Jan 2017	W68_24012017	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	24 Jan 2017	W68_24012017	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW468	02 May 2017	W68_020517	Normal	ACTNSW_Hist_202012-3	On Base	-		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
MW468	20 Apr 2018	W68_GW_20042018	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	20 Apr 2018	W68_GW_20042018	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW468	22 Aug 2018	0908_W68_180822	Normal	NSW_0908_PFASMGMT	On Base	-		0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	14 Sep 2018	0908_W68_180914	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	29 Nov 2018	0908_W68_181129	Normal	NSW_0908_PFAS	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	29 Nov 2018	0908_W68_181129	Normal	NSW_0908_PFAS	On Base	-		-	-	-	-	-	-	-
MW468	23 Apr 2019	0908_W68_190423	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	22 May 2019	0908_W68_190522	Normal	NSW_0908_PFASMGMT	On Base	-		0.05	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	31 May 2019	0908_W68_190531	Normal	NSW_0908_PFAS	On Base	-		0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	19 Jun 2019	0908_W68_190619	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	24 Sep 2019	0908_W68_190924	Normal	NSW_0908_PFASMGMT	On Base	-		0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	08 Nov 2019	0908_MW468_191108	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	03 Dec 2019	0908_W68_191203	Normal	NSW_0908_PFAS	On Base	-		0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	16 Mar 2020	0908_W68_200316	Normal	NSW_0908_PFASMGMT	On Base	-		<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
MW468	11 May 2020	0908_MW468_200511	Normal	NSW_0908_PFASOMP	On Base	-		0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	23 Jun 2020	0908_MW468_200623	Normal	NSW_0908_PFASMGMT	On Base	-		0.07	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	01 Oct 2020	0908_MW468_201001	Normal	NSW_0908_PFASMGMT	On Base	-		0.04	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	17 Nov 2020	0908_MW468_201117	Normal	NSW_0908_PFASOMP	On Base	-		0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	13 Jan 2021	0908_MW468_210113	Normal	NSW_0908_PFASMGMT	On Base	-		0.05	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	29 Mar 2021	0908_MW468_210329	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	17 May 2021	0908_MW468_210517	Normal	NSW_0908_PFASOMP	On Base	-		0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	23 Jun 2021	0908_MW468_210623	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	22 Sep 2021	0908_MW468_210922	Normal	NSW_0908_PFASMGMT	On Base	-		0.04	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	16 Nov 2021	0908_MW468_211116	Normal	NSW_0908_PFASOMP	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	16 Nov 2021	0908_QC208_211116	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW468	12 Jan 2022	0908_MW468_220112	Normal	NSW_0908_PFASMGMT	On Base	-		0.05	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	14 Mar 2022	0908_MW468_220314	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	19 May 2022	0908_MW468_220519	Normal	NSW_0908_PFASOMP	On Base	-		0.04	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	19 May 2022	0908_QC210_220519	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
MW468	20 Jun 2022	0908_MW468_220620	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	12 Sep 2022	0908_MW468_220912	Normal	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	12 Sep 2022	0908_QC101_220912	Field_D	NSW_0908_PFASMGMT	On Base	-		<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
MW468	10 Nov 2022	0908_MW468_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.53	*27.1*	6.57	**33.7**	37	0.21	0.34	0.68	<0.02	0.2	0.23	0.94	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	10 May 2023	0908_MW468_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.21	*14*	1.35	**15.4**	16.4	0.07	0.09	0.23	<0.02	<0.1	0.08	0.26	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW468	22 Nov 2023	0908_MW468_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.14	*10.1*	1.35	**11.4**	12.4	0.06	0.11	0.16	<0.02	<0.1	0.09	0.26	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05
MW814	17 Feb 2017	PS7_BORE 46_170217	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW814	29 May 2019	0908_PS7_BORE46_190529	Normal	NSW_0908_PFAS	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW814	06 Nov 2019	0908_PS7_BORE 46_191106	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW814	29 May 2020	0908_MW814_200529	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW814	07 Dec 2020	0908_MW814_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.01	<0.01	0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW826	16 Feb 2017	PS9_BORE 1_160217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.02*	1.03	**1.05**	1.51	0.08	0.11	<0.02	<0.02	<0.1	0.03	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW826	16 Feb 2017	QC700_GW_160217	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.02	*0.02*	1.2	**1.22**	1.79	0.09	0.13	<0.02	<0.02	<0.1	0.04	0.26	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW826	06 Dec 2018	0908_PS9_1_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.04	*0.02*	1.41	**1.43**	1.65	0.03	0.04	0.05	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW826	24 May 2019	0908_PS9_BORE1_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.05	<0.01	1.44	**1.44**	1.68	0.02	0.05	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW826	24 May 2019	0908_PS9_BORE1_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	**1.45**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW829	30 Mar 2017	PS9_BORE30_300317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.06*	0.12	**0.18**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	06 Dec 2018	0908_PS9_30_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	06 Dec 2018	0908_QC111_181206	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.01*	0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	06 Dec 2018	0908-QC206-181206	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.02	0.014	0.034	0.014	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
MW829	24 May 2019	0908_PS9_BORE30_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	06 Nov 2019	0908_PS9_BORE 30_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	27 May 2020	0908_MW652_200527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	19 Nov 2020	0908_MW829_201119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	25 May 2021	0908_MW829_210525	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	15 Nov 2021	0908_MW829_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.02*	0.03	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	30 May 2022	0908_MW829_220530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	08 Nov 2022	0908_MW829_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.01*	<0.01	0.01	0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	11 May 2023	0908_MW829_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.01*	0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW829	23 Nov 2023	0908_MW829_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	<0.01	0.03	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW842	24 Mar 2017	SK3496_D_24032017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW842	22 May 2019	0908_SK3496_D_190522	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW842	25 May 2021	0908_MW842_210525	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW842	02 Jun 2022	0908_MW842_220602	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	*0.02*	<0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
MW842	18 May 2023	0908_MW842_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW844	24 Mar 2017	SK3496_S_24032017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW844	22 May 2019	0908_SK3496_S_190522	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW844	25 May 2021	0908_MW844_210525	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW844	02 Jun 2022	0908_MW844_220602	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
MW844	18 May 2023	0908_MW844_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT046	21 Oct 2015	BWS46_211015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
POT046	17 Jan 2017	BWS46_170117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.08*	0.03	**0.11**	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT046	06 Jun 2019	0908_BWS046_190606	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.04*	0.02	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT046	28 May 2020	0908_POT046_200528	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.11*	0.04	**0.15**	0.15	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT046	13 May 2021	0908_POT046_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.05*	0.04	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT046	27 May 2022	0908_POT046_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.13*	0.06	**0.19**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT046	16 May 2023	0908_POT046_230516	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.06*	0.02	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT085	27 Oct 2015	BWS85_271015	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
POT085	06 Dec 2016	BWS085_061216	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.02	*0.03*	<0.02	0.03	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT085	18 Jun 2019	0908_BWS085_190618	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT085	28 May 2020	0908_POT085_200528	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT085	19 Nov 2021	0908_POT085_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT085	16 May 2022	0908_POT085_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT085	15 May 2023	0908_POT085_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT087	27 Oct 2015	BWS87_271015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	*0.7*	-	**0.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
POT087	06 Dec 2016	BWS087_061216	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*1.15*	<0.02	**1.15**	1.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	-	-
POT087	14 Jun 2019	0908_BWS087_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.4*	0.09	**0.49**	0.49	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT087	08 Nov 2019	0908_POT087_191108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.44*	0.09	**0.53**	0.53	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT087	26 May 2020	0908_POT087_200526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.48*	0.08	**0.56**	0.56	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT087	10 May 2021	0908_POT087_210510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.17*	0.12	**0.29**	0.29	<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	<0.05	<0.05	<0.05	<0.05	<0.05

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
MW468	10 Nov 2022	0908_MW468_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	10 May 2023	0908_MW468_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW468	22 Nov 2023	0908_MW468_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	0.03	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW814	17 Feb 2017	PS7_BORE 46_170217	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW814	29 May 2019	0908_PS7_BORE46_190529	Normal	NSW_0908_PFAS	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW814	06 Nov 2019	0908_PS7_BORE 46_191106	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW814	29 May 2020	0908_MW814_200529	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW814	07 Dec 2020	0908_MW814_201207	Normal	NSW_0908_PFASOMP	On Base	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW826	16 Feb 2017	PS9_BORE 1_160217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW826	16 Feb 2017	QC700_GW_160217	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW826	06 Dec 2018	0908_PS9_1_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW826	24 May 2019	0908_PS9_BORE1_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW826	24 May 2019	0908_PS9_BORE1_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
MW829	30 Mar 2017	PS9_BORE30_300317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	06 Dec 2018	0908_PS9_30_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	06 Dec 2018	0908_QC111_181206	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	06 Dec 2018	0908-QC206-181206	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
MW829	24 May 2019	0908_PS9_BORE30_190524	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	06 Nov 2019	0908_PS9_BORE 30_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	27 May 2020	0908_MW652_200527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	19 Nov 2020	0908_MW829_201119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	25 May 2021	0908_MW829_210525	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	15 Nov 2021	0908_MW829_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	30 May 2022	0908_MW829_220530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	08 Nov 2022	0908_MW829_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	11 May 2023	0908_MW829_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW829	23 Nov 2023	0908_MW829_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW842	24 Mar 2017	SK3496_D_24032017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW842	22 May 2019	0908_SK3496_D_190522	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW842	25 May 2021	0908_MW842_210525	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW842	02 Jun 2022	0908_MW842_220602	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW842	18 May 2023	0908_MW842_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW844	24 Mar 2017	SK3496_S_24032017	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW844	22 May 2019	0908_SK3496_S_190522	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW844	25 May 2021	0908_MW844_210525	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW844	02 Jun 2022	0908_MW844_220602	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
MW844	18 May 2023	0908_MW844_230518	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT046	21 Oct 2015	BWS46_211015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
POT046	17 Jan 2017	BWS46_170117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
POT046	06 Jun 2019	0908_BWS046_190606	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT046	28 May 2020	0908_POT046_200528	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT046	13 May 2021	0908_POT046_210513	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT046	27 May 2022	0908_POT046_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT046	16 May 2023	0908_POT046_230516	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT085	27 Oct 2015	BWS85_271015	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
POT085	06 Dec 2016	BWS085_061216	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
POT085	18 Jun 2019	0908_BWS085_190618	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT085	28 May 2020	0908_POT085_200528	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT085	19 Nov 2021	0908_POT085_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT085	16 May 2022	0908_POT085_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT085	15 May 2023	0908_POT085_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT087	27 Oct 2015	BWS87_271015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
POT087	06 Dec 2016	BWS087_061216	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
POT087	14 Jun 2019	0908_BWS087_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT087	08 Nov 2019	0908_POT087_191108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT087	26 May 2020	0908_POT087_200526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT087	10 May 2021	0908_POT087_210510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T5 - Historical Groundwater Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0005	0.0005	0.0005	0.002	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0004	0.0004	0.001
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																			
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
POT087	27 May 2022	0908_POT087_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.26*	0.09	**0.35**	0.35	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT087	17 May 2023	0908_POT087_230517	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.01	*0.17*	0.04	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT089	27 Oct 2015	BWS89_271015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	*0.16*	-	**0.16**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
POT089	06 Dec 2016	BWS089_061216	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.27*	0.19	**0.46**	0.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT089	14 Jun 2019	0908_BWS089_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.01	*0.17*	0.2	**0.37**	0.41	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT089	07 Nov 2019	0908_POT089_191107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.23*	0.23	**0.46**	0.52	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT089	26 May 2020	0908_POT089_200526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.24*	0.28	**0.52**	0.6	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT089	10 May 2021	0908_POT089_210510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.01	*0.18*	0.26	**0.44**	0.52	<0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT089	27 May 2022	0908_POT089_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.01	*0.33*	0.26	**0.59**	0.69	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT089	17 May 2023	0908_POT089_230517	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.01	*0.23*	0.28	**0.51**	0.6	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	29 Oct 2015	BWS107_291015	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	*0.02*	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
POT107	29 Nov 2016	BWS107_291116	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.05*	0.26	**0.31**	0.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT107	09 Apr 2018	BWS107_GW_09042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	0.01	*0.04*	0.07	**0.11**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	04 Jun 2019	0908_BWS107_190604	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.04*	0.03	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	07 Nov 2019	0908_POT107_191107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.02*	0.06	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	26 May 2020	0908_POT107_200526	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.03*	0.04	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	12 May 2021	0908_POT107_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.05	*0.02*	0.03	0.05	0.13	0.03	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	31 May 2022	0908_POT107_220531	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.04	*0.04*	0.04	**0.08**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	14 Nov 2022	0908_POT107_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.01	*0.02*	0.01	0.03	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT107	15 May 2023	0908_POT107_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	0.01	*0.03*	0.02	0.05	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT144	06 Nov 2015	BWS144_061115	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.02	-	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
POT144	30 Jan 2017	BWS144_300117	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	*0.05*	<0.02	0.05	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT144	18 Apr 2018	BWS144_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
POT144	18 Apr 2018	BWS144_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POT144	04 Jun 2019	0908_BWS144_190604	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT144	27 May 2020	0908_POT144_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT144	13 May 2021	0908_POT144_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT144	16 May 2022	0908_POT144_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT144	17 May 2023	0908_POT144_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT236	24 Aug 2016	BWS236_240816	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.05*	0.03	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT236	24 Aug 2016	QC99_240816	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.05*	0.02	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT236	27 Feb 2017	BWS236_270217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.06*	0.1	**0.16**	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT236	03 Jun 2019	0908_BWS236_190603	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.01	*0.03*	0.06	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT236	28 May 2020	0908_POT236_200528	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.04*	0.12	**0.16**	0.16	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT236	12 May 2021	0908_POT236_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.06*	0.02	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT236	18 May 2022	0908_POT236_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	*0.04*	0.04	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT236	16 May 2023	0908_POT236_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	*0.03*	0.01	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT257	07 Oct 2016	BWS257_071016	Normal	NSW_0908_PFAS	Broader Management Zone	-	0.01	*0.02*	<0.02	0.02	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT257	01 Mar 2017	BWS257_010317	Normal	NSW_0908_PFAS	Broader Management Zone	-	0.02	*0.02*	<0.02	0.02	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
POT257	25 May 2020	0908_POT257_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	0.01	*0.03*	<0.02	0.03	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT257	13 May 2021	0908_POT257_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT257	18 May 2022	0908_POT257_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.01	*0.01*	0.01	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	<0.05	<0.05	<0.05	<0.05	<0.05
POT257	16 May 2023	0908_POT257_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	0.02	*0.02*	<0.01	0.02	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT382	12 Nov 2021	0908_POT382_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT382	18 May 2022	0908_POT382_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT382	14 Nov 2022	0908_POT382_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT382	17 May 2023	0908_POT382_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05
POT382	28 Nov 2023	0908_POT382_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05

Notes

LOR	Limit of Reporting
Normal	Primary sample
Field_D	Intra-laboratory duplicate sample
Interlab_D	Inter-laboratory duplicate sample

Table T5 - Historical Groundwater Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001
PFAS NEMP 2020 Drinking Water													
PFAS NEMP 2020 Freshwater 99%													
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
POT087	27 May 2022	0908_POT087_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT087	17 May 2023	0908_POT087_230517	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT089	27 Oct 2015	BWS89_271015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
POT089	06 Dec 2016	BWS089_061216	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
POT089	14 Jun 2019	0908_BWS089_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT089	07 Nov 2019	0908_POT089_191107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT089	26 May 2020	0908_POT089_200526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT089	10 May 2021	0908_POT089_210510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT089	27 May 2022	0908_POT089_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT089	17 May 2023	0908_POT089_230517	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	29 Oct 2015	BWS107_291015	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
POT107	29 Nov 2016	BWS107_291116	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
POT107	09 Apr 2018	BWS107_GW_09042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	04 Jun 2019	0908_BWS107_190604	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	07 Nov 2019	0908_POT107_191107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	26 May 2020	0908_POT107_200526	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	12 May 2021	0908_POT107_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	31 May 2022	0908_POT107_220531	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	14 Nov 2022	0908_POT107_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT107	15 May 2023	0908_POT107_230515	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT144	06 Nov 2015	BWS144_061115	Normal	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	-	-	-	-
POT144	30 Jan 2017	BWS144_300117	Normal	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	-	-	-	-
POT144	18 Apr 2018	BWS144_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT144	18 Apr 2018	BWS144_GW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	-	-	-	-
POT144	04 Jun 2019	0908_BWS144_190604	Normal	NSW_0908_PFAS	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT144	27 May 2020	0908_POT144_200527	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT144	13 May 2021	0908_POT144_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT144	16 May 2022	0908_POT144_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT144	17 May 2023	0908_POT144_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT236	24 Aug 2016	BWS236_240816	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT236	24 Aug 2016	QC99_240816	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT236	27 Feb 2017	BWS236_270217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
POT236	03 Jun 2019	0908_BWS236_190603	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT236	28 May 2020	0908_POT236_200528	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT236	12 May 2021	0908_POT236_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT236	18 May 2022	0908_POT236_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT236	16 May 2023	0908_POT236_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT257	07 Oct 2016	BWS257_071016	Normal	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	-	-	-	-
POT257	01 Mar 2017	BWS257_010317	Normal	NSW_0908_PFAS	Broader Management Zone	-	-	-	-	-	-	-	-
POT257	25 May 2020	0908_POT257_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT257	13 May 2021	0908_POT257_210513	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT257	18 May 2022	0908_POT257_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT257	16 May 2023	0908_POT257_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	-	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT382	12 Nov 2021	0908_POT382_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT382	18 May 2022	0908_POT382_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT382	14 Nov 2022	0908_POT382_221114	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT382	17 May 2023	0908_POT382_230517	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
POT382	28 Nov 2023	0908_POT382_231128	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Notes

LOR	Limit of Reporting
Normal	Primary sample
Field_D	Intra-laboratory duplicate sample
Interlab_D	Inter-laboratory duplicate sample

Table T6 - Historical Surface Water Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids									PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																									
PFAS NEMP 2020 Recreational Water							**10**			**2**																									
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																											
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																												
OTH075*	08 Nov 2022	0908_OTH075_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	**6**	*341*	46.4	**387**	405	<0.02	0.47	9	0.37	<0.1	0.03	0.26	0.43	0.35	0.09	<0.02	<0.02	<0.02	<0.05	<0.05	0.39	<0.05	<0.05	0.06	<0.05	<0.02	<0.05	<0.05	<0.05
SW001	18 Jun 2014	MD1_WATER	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.06	*0.82*	0.56	**1.38**	1.44	0.04	-	-	<0.01	-	0.02	0.13	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW001	18 Jun 2014	QC1_WATER	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.06	*0.73*	0.52	**1.25**	1.31	0.04	-	-	<0.01	-	0.02	0.13	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW001	26 Jun 2014	QAQC2_WATER	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.13	*5.26*	-	**5.26**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-
SW001	13 Jan 2016	MD1_SW_1312016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.109	*2.52*	-	**2.52**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-
SW001	15 Jan 2016	MD1_SW_15012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.039	*1.42*	-	**1.42**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW001	14 Dec 2016	MD1_SW_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.11	*4.3*	1.13	**5.43**	6.06	0.09	0.09	0.13	<0.02	<0.1	0.04	0.12	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	14 Dec 2016	QC401_20161214	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.1	*5.2*	1.22	**6.42**	7.06	0.08	0.08	0.16	<0.02	<0.1	0.03	0.14	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	14 Dec 2016	QC501_20161214	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.098	*5.5*	6.3	**11.8**	11.898	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
SW001	02 Feb 2017	MD1_SW_020217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.08	*3.06*	0.59	**3.65**	3.98	0.04	0.05	0.05	<0.02	<0.1	<0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	09 Feb 2017	MD1_SW_090217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.05	*0.44*	0.16	**0.6**	0.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.05	<0.12
SW001	16 Feb 2017	MD1_SW_16022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.17	*6.12*	1.5	**7.62**	8.6	0.1	0.11	0.18	<0.02	0.1	0.07	0.2	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Feb 2017	MD1_SW_240217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.11	*3.76*	0.91	**4.67**	5.24	0.07	0.07	0.11	<0.02	<0.1	0.05	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	02 Mar 2017	MD1_SW_020317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	02 Mar 2017	QC410_SW_020317	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.14*	0.07	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	02 Mar 2017	QC509_02032017	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.02	*0.16*	0.084	**0.244**	0.244	<0.01	-	-	<0.02	<0.05	<0.02	0.017	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-	<0.02	-	-	-	-	-
SW001	09 Mar 2017	MD1_SW_090317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.3*	0.23	**0.53**	0.62	0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	16 Mar 2017	MD1_SW_20170316	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.1*	0.02	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	23 Mar 2017	MD1_SW_230317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.11*	0.34	**1.45**	1.63	0.03	0.03	0.03	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0645	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0330	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.04*	0.02	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0331	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0430	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0445	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0500	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.05*	0.02	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0600	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.09*	0.02	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0615	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	24 Mar 2017	MD1_AS_240317_0630	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	31 Mar 2017	MD1_AS_310317_2345	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.06*	0.45	**1.51**	1.74	0.05	0.05	0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	31 Mar 2017	MD1_SW_310317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.33*	0.14	**0.47**	0.49	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	01 Apr 2017	MD1_AS_010417_0000	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.28*	0.09	**0.37**	0.39	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	01 Apr 2017	MD1_AS_010417_0015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.27*	0.07	**0.34**	0.36	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	01 Apr 2017	MD1_AS_010417_0030	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.23*	0.06	**0.29**	0.29	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	01 Apr 2017	MD1_AS_010417_0045	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.22*	0.06	**0.28**	0.28	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_1430	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.11*	0.02	**0.13**	0.13	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_1445	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.03	*0.72*	0.26	**0.98**	1.63	0.04	0.04	<0.02	<0.02	<0.1	0.5	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_1700	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*1.05*	0.54	**1.59**	1.83	0.06	0.06	0.03	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_1715	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.8*	0.27	**1.07**	1.7	0.03	0.03	<0.02	<0.02	<0.1	0.52	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_1730	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.39*	0.1	**0.49**	1.05	<0.02	<0.02	<0.02	<0.02	<0.1	0.54	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_545	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.68*	0.34	**1.02**	1.17	0.04	0.04	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_600	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.84*	0.3	**1.14**	1.29	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_615	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.37*	0.12	**0.49**	0.52	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_630	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.29*	0.1	**0.39**	0.39	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_745	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.16*	0.05	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_800	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.05*	<0.02	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_815	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.05*	<0.02	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_830	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.08*	<0.02	**0.08**	0.61	<0.02	<0.02	<0.02	<0.02	<0.1	0.51	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	04 Apr 2017	MD1_AS_040417_845	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.09*	0.02	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	05 Apr 2017	MD1_SW_050417	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.03	*0.8*	0.38	**1.18**	1.34	0.03	0.03	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Apr 2017	MD1_AS_060417_0230	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.03	*4.31*	1.13	**5.44**	6.53	0.1	0.12	0.07	<0.02	<0.1	0.52	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Apr 2017	MD1_AS_060417_0345	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.11*	0.02	**0.13**	0.13	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Apr 2017	MD1_AS_060417_0400	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.12*	0.03	**0.15**	0.15	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Apr 2017	MD1_AS_060417_0415	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.17*	0.04	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Apr 2017	MD1_AS_060417_0430	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.18*	0.05	**0.23**	0.23	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Apr 2017	MD1_AS_060417_0445	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.22*	0.07	**0.29**	0.29	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Apr 2017	MD1_AS_060417_0500	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.21*	0.07	**0.28**	0.28	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

Location Code	Date	Field ID	Sample Type	Project ID	On Base/Management Zone	HHERA Risk Zone	Region	PFAS: Perfluorooctanoic acid (PFOA)	PFAS: Perfluorooctane sulfonic acid (PFOS)	PFAS: Perfluorohexane sulfonic acid (PFHxS)	PFAS: Sum of PFHxS and PFOS	PFAS: Sum of PFAS	PFAS - Perfluoroalkyl Sulfonic Acids: Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	PFAS - Perfluoroalkyl Carboxylic Acids: Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	PFAS - (n:2) Fluorotelomer Sulfonic Acids: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS - Perfluoroalkyl Sulfonamides: Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water								**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water								**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%								*19*	*0.00023*																												
SW001	04 May 2017	MD1_SW_040517	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.11	4.35	2.59	6.94	7.05	0.19	0.28	0.22	<0.02	<0.1	<0.02	0.28	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	01 Jun 2017	MD1_SW_010617	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.07	2.23	1.25	3.48	4.64	0.21	0.16	0.12	<0.02	<0.1	0.1	0.47	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	20 Jul 2017	MD1_SW_200717	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.11	3.71	2.44	6.15	7.58	0.22	0.3	0.22	<0.02	<0.1	0.08	0.43	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	12 Apr 2018	MD1_SW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.06	3.14	0.55	3.69	4.03	0.03	0.04	0.07	<0.02	<0.1	0.04	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Dec 2018	0908_MD1_SW_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.07	2.92	0.68	3.6	4.03	0.04	0.05	0.07	<0.02	<0.1	0.04	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	09 Apr 2019	0908_MD01_190409	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.12	4.83	1.25	6.08	6.2	0.08	0.11	0.14	<0.02	0.1	0.06	0.25	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	14 Jun 2019	0908_MD1_SW_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.03	2.45	0.38	2.83	2.98	<0.02	0.02	0.03	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	05 Nov 2019	0908_MD1_SW_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.08	<0.02	0.08	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	02 Jun 2020	0908_SW001_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	2.24	0.48	2.72	2.99	0.03	0.03	0.06	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	27 Oct 2020	0908_SW001_201027	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	<0.04	0.49	0.2	0.69	0.69	<0.04	<0.04	<0.04	<0.02	<0.1	<0.04	<0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Oct 2020	0908_QC100_201028	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	<0.05	0.6	0.25	0.85	0.93	<0.05	<0.05	<0.05	<0.02	<0.1	<0.05	0.08	<0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Oct 2020	0908_SW001_201028	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	<0.05	0.66	0.23	0.89	0.95	<0.05	<0.05	<0.05	<0.02	<0.1	<0.05	0.06	<0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	20 Nov 2020	0908_QC102_201120	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.12	6.86	1.68	8.54	9.58	0.15	0.16	0.19	<0.02	<0.1	0.06	0.32	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	20 Nov 2020	0908_QC202_201120	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	2.6	1	3.6	3.66	0.09	0.097	0.082	<0.01	<0.05	0.039	0.18	0.028	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW001	20 Nov 2020	0908_SW001_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.13	5.3	1.67	6.97	8.05	0.16	0.16	0.19	<0.02	<0.1	0.06	0.33	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	18 Dec 2020	0908_QC100_201218	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	1.89	0.42	2.31	2.53	0.03	0.03	0.04	<0.02	<0.1	0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	18 Dec 2020	0908_QC200_201218	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	1.8	0.44	2.24	2.27	0.022	0.026	0.035	<0.01	<0.05	0.024	0.072	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW001	18 Dec 2020	0908_SW001_201218	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	1.85	0.39	2.24	2.45	0.03	0.03	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012211510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.81	0.2	1.01	1.07	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012211610	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.45	0.09	0.54	0.54	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012211710	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.39	0.09	0.48	0.48	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012211810	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.49	0.14	0.63	0.65	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012211910	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.69	0.16	0.85	0.89	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012212010	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.57	0.14	0.71	0.75	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012212110	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.62	0.14	0.76	0.79	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012212210	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.59	0.13	0.72	0.75	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	21 Dec 2020	0908_SW001_2012212310	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.44	0.1	0.54	0.54	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220010	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.45	0.09	0.54	0.54	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220110	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.27	0.06	0.33	0.33	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220210	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.36	0.1	0.46	0.46	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220310	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.46	0.14	0.6	0.62	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220410	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.62	0.18	0.8	0.84	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.79	0.25	1.04	1.12	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220610	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	1.04	0.31	1.35	1.46	<0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220710	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	1.17	0.32	1.49	1.60	<0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	22 Dec 2020	0908_SW001_2012220810	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	1.09	0.34	1.43	1.56	<0.02	0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_QC102_210128	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.89	0.28	1.17	1.25	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_QC202_210128	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.019	0.91	0.26	1.17	1.189	0.01	0.011	0.014	<0.01	<0.05	<0.02	0.038	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW001	28 Jan 2021	0908_SW001_2101281650	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.96	0.28	1.24	1.33	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_SW001_2101281750	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.94	0.3	1.24	1.33	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_SW001_2101281850	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.48	0.13	0.61	0.64	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_SW001_2101281950	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.38	0.1	0.48	0.48	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_SW001_2101282050	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.43	0.12	0.55	0.57	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_SW001_2101282150	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	<0.01	0.35	0.1	0.45	0.45	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_SW001_2101282250	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.43	0.14	0.57	0.61	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	28 Jan 2021	0908_SW001_2101282350	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.52	0.14	0.66	0.70	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_210129	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	1.03	0.29	1.32	1.43	<0.02	0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290050	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	0.64	0.19	0.83	0.87	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290150	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.68	0.21	0.89	0.95	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290250	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.76	0.27	1.03	1.09	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290350	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.94	0.3	1.24	1.33	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290450	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	0.94	0.32	1.26	1.38	<0.02	0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290550	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	1.03	0.32	1.35	1.46	<0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290650	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	1.49	0.45	1.94	2.15	0.03	0.02	0.03	<0.02	<0.1	0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290750	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	1.28	0.36	1.64	1.78	<0.02	0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101290850	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	1.45	0.44	1.89	2.09	0.02	0.03	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																													
SW001	29 Jan 2021	0908_SW001_2101290950	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*1.49*	0.4	**1.89**	2.10	0.02	0.03	0.04	<0.02	<0.1	0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101291050	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.05*	0.3	**1.35**	1.45	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101291150	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.04*	0.31	**1.35**	1.48	0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101291250	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.06*	0.29	**1.35**	1.48	0.02	<0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101291350	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.84*	0.23	**1.07**	1.18	0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101291450	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.84*	0.24	**1.08**	1.17	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	29 Jan 2021	0908_SW001_2101291550	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.9*	0.27	**1.17**	1.26	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	19 Feb 2021	0908_SW001_210219	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.76*	0.16	**0.92**	0.98	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	26 Mar 2021	0908_SW001_210326	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*1.64*	0.47	**2.11**	2.37	0.02	0.03	0.04	<0.02	<0.1	0.03	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	31 Mar 2021	0908_SW001_210331	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.04	*1.7*	0.45	**2.2**	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	<0.02	-	-	-	-	-	-	-	-
SW001	12 Apr 2021	0908_SW001_210412	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.04	*1.8*	0.47	**2.3**	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW001	23 Apr 2021	0908_SW001_210423	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.02*	0.61	**2.63**	2.99	0.05	0.06	0.05	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	11 May 2021	0908_SW001_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.09	*3.93*	1.16	**5.09**	5.84	0.12	0.13	0.12	<0.02	<0.1	0.04	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	25 Jun 2021	0908_SW001_210625	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*1.31*	0.37	**1.68**	1.86	0.02	0.03	0.03	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	09 Jul 2021	0908_SW001_210709	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1*	0.22	**1.22**	1.32	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	27 Jul 2021	0908_SW001_210727	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.05	*3.2*	0.52	**3.72**	4.23	0.03	0.04	0.06	<0.01	0.15	0.04	0.11	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW001	30 Jul 2021	0908_SW001_210730	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.07	*5.57*	0.72	**6.29**	6.71	0.04	0.05	0.07	<0.02	<0.1	0.04	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	20 Aug 2021	0908_SW001_210820	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*2.75*	0.52	**3.27**	3.60	0.03	0.04	0.06	<0.02	<0.1	0.04	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	27 Sep 2021	0908_SW001_210927	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*2.21*	0.48	**2.69**	2.94	0.02	0.03	0.04	<0.02	<0.1	0.03	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	11 Oct 2021	0908_SW001_211011	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.68*	0.14	**0.82**	0.9	<0.01	0.01	0.01	<0.01	<0.05	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW001	25 Oct 2021	0908_SW001_211025	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.63*	0.47	**3.1**	3.40	0.03	0.04	0.05	<0.02	<0.1	0.03	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	17 Nov 2021	0908_SW001_211117	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.03	*1.7*	0.32	**2.02**	2.28	0.02	0.02	0.03	<0.01	0.07	0.02	0.06	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW001	19 Nov 2021	0908_QC114_211119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.3*	0.53	**2.83**	3.19	0.07	0.03	0.05	<0.02	<0.1	0.03	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	19 Nov 2021	0908_SW001_211119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*2.18*	0.45	**2.63**	2.94	0.05	0.04	0.04	<0.02	<0.1	0.03	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	18 Jan 2022	0908_SW001_220118	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.06	*3.4*	0.63	**4**	4.5	0.04	0.04	0.06	<0.02	0.06	0.04	0.14	0.02	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW001	07 Mar 2022	0908_SW001_220307	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.91*	0.23	**1.1**	1.3	0.01	0.02	0.02	<0.02	<0.02	<0.02	0.04	0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW001	11 Apr 2022	0908_SW001_220411	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2*	0.47	**2.4**	2.7	0.04	0.05	0.05	<0.02	<0.02	<0.02	0.08	0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW001	18 May 2022	0908_SW001_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*1.65*	0.37	**2.02**	2.25	0.02	0.03	0.04	<0.02	<0.1	0.03	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	12 Jul 2022	0908_SW001_220712	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.69*	0.15	**0.85**	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW001	13 Jul 2022	0908_QC100_220713	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.63*	0.11	**0.74**	0.78	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	13 Jul 2022	0908_SW001_220713	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.59*	0.1	**0.69**	0.73	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	18 Jul 2022	0908_SW001_220719	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.1*	0.2	**1.2**	1.4	0.01	0.02	0.02	<0.02	<0.02	<0.02	0.04	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW001	11 Aug 2022	0908_SW001_2208111720	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.83*	0.21	**0.98**	1.09	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	11 Aug 2022	0908_SW001_2208111720	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	-	-	-	**1.04**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW001	11 Aug 2022	0908_SW001_2208111721	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.76*	0.2	**0.92**	1.01	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	11 Aug 2022	0908_SW001_2208111721	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	-	-	-	**0.96**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW001	17 Oct 2022	0908_SW001_221017	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.93*	0.23	**1.2**	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW001	08 Nov 2022	0908_SW001_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*1.46*	0.34	**1.8**	1.99	0.02	0.03	0.03	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	20 Jan 2023	0908_SW001_230120	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.48*	0.12	**0.6**	0.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW001	21 Apr 2023	0908_SW001_230421	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.1*	0.29	**1.4**	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW001	08 May 2023	0908_SW001_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.04	*2.16*	0.41	**2.57**	2.80	<0.02	0.03	0.04	<0.02	<0.1	0.03	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW001	06 Jul 2023	0908_SW001_230706	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.1*	0.53	**2.7**	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW001	21 Nov 2023	0908_SW001_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.16*	0.24	**1.4**	1.54	0.03	<0.02	0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	18 Jun 2014	MD5_WATER	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	0.01	*0.03*	0.15	**0.18**	0.19	0.02	-	-	<0.01	-	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW005	25 Jan 2016	MD5_SW_2512016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.04*	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
SW005	20 Dec 2016	MD5_SW_161220	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	02 Feb 2017	MD5_SW_020217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.05	<0.05	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.1	<0.25	<0.1	<0.25	<0.25	<0.1	<0.25
SW005	09 Feb 2017	MD5_SW_090217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.05	*0.12*	0.14	**0.26**	0.26	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW005	16 Feb 2017	MD5_SW_16022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.05	*0.05*	<0.05	0.05	0.13	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW005	24 Feb 2017	MD5_SW_240217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW005	02 Mar 2017	MD5_SW_020317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW005	09 Mar 2017	MD5_SW_090317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.05	*0.05*	<0.05	0.05	0.13	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	0.08	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW005	17 Mar 2017	MD5_SW_20170317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW005	23 Mar 2017	MD5_SW_23032017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.17*	0.08	**0.25**	0.25	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Mar 2017	MD5_SW_300317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	06 Apr 2017	MD5_SW_060417	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	0.03	*0.84*	0.38	**1.22**	1.38	0.02	0.03	0.03	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																														
SW005	04 May 2017	MD5_SW_040517	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	0.05	*1.94*	0.92	**2.86**	2.91	0.05	0.08	0.09	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	01 Jun 2017	MD5_SW_010617	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.33*	0.22	**0.55**	0.55	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	20 Jul 2017	MD5_SW_200717	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.21*	0.52	**1.73**	1.98	0.04	0.05	0.05	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	20 Jul 2017	QC418_SW_200717	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.21*	0.54	**1.75**	1.98	0.03	0.05	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	20 Jul 2017	QC518_SW_200717	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	0.034	*1.4*	0.5	**1.9**	1.934	0.039	-	-	<0.02	<0.05	0.022	0.094	0.015	<0.01	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-	<0.02	-	-	-	-	-	-
SW005	12 Apr 2018	MD5_SW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.08*	<0.02	**0.1**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	12 Apr 2018	MD5_SW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	-	-	-	**0.08**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW005	06 Dec 2018	0908_MD5_SW_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	13 Jun 2019	0908_MD5_SW_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.01*	<0.02	0.01	0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	13 Jun 2019	0908_MD5_SW_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW005	06 Nov 2019	0908_MD5_SW_191106	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	04 Jun 2020	0908_SW005_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.84*	0.43	**1.27**	1.53	0.04	0.05	0.03	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	20 Nov 2020	0908_SW005_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.07	*3.41*	0.81	**4.22**	4.71	0.06	0.06	0.07	<0.02	<0.1	0.04	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	18 Dec 2020	0908_SW005_201218	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.29*	0.07	**0.36**	0.36	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012220520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.35*	0.4	**1.75**	1.99	0.06	0.04	0.03	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012220620	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.25*	0.37	**1.62**	1.81	0.04	0.03	0.03	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012220720	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.97*	0.25	**1.22**	1.31	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012220820	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.88*	0.24	**1.12**	1.26	<0.02	<0.02	0.02	<0.02	<0.1	0.06	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012220920	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.84*	0.23	**1.07**	1.15	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221020	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.93*	0.24	**1.17**	1.23	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.85*	0.22	**1.07**	1.13	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221220	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.9*	0.23	**1.13**	1.19	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221320	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.94*	0.21	**1.15**	1.21	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221420	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.89*	0.21	**1.1**	1.16	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.93*	0.21	**1.14**	1.20	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221620	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.99*	0.22	**1.21**	1.27	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221720	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.07*	0.22	**1.29**	1.37	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221820	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.06*	0.22	**1.28**	1.34	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012221920	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.23*	0.31	**1.54**	1.70	0.02	0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012222020	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.97*	0.23	**1.2**	1.26	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012222120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.84*	0.23	**1.07**	1.15	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012222220	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.9*	0.25	**1.15**	1.23	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	22 Dec 2020	0908_SW005_2012222320	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.91*	0.24	**1.15**	1.23	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	23 Dec 2020	0908_SW005_2012230020	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.96*	0.25	**1.21**	1.29	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	23 Dec 2020	0908_SW005_2012230120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.96*	0.26	**1.22**	1.32	0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	23 Dec 2020	0908_SW005_2012230220	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.33*	0.35	**1.68**	1.84	0.02	0.03	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	23 Dec 2020	0908_SW005_2012230320	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.42*	0.37	**1.79**	1.97	0.02	0.03	0.03	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	23 Dec 2020	0908_SW005_2012230420	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.12*	0.32	**1.44**	1.59	0.02	0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_QC101_210129	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.12*	0.24	**1.36**	1.44	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_QC201_210129	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.013	*0.93*	0.19	**1.12**	1.133	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.05	<0.02	<0.01	<0.05
SW005	29 Jan 2021	0908_SW005_210129	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.07*	0.28	**1.35**	1.55	<0.02	0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291240	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.06*	0.23	**1.29**	1.38	0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291340	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.05*	0.23	**1.28**	1.35	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291440	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.97*	0.21	**1.18**	1.24	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291540	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.08*	0.24	**1.32**	1.41	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291640	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.04*	0.21	**1.25**	1.31	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291740	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.06*	0.23	**1.29**	1.36	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291840	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.92*	0.2	**1.12**	1.18	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101291940	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.99*	0.22	**1.21**	1.27	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101292040	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.95*	0.21	**1.16**	1.22	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101292140	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.94*	0.2	**1.14**	1.20	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101292240	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.87*	0.2	**1.07**	1.13	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	29 Jan 2021	0908_SW005_2101292340	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.96*	0.21	**1.17**	1.23	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300040	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.95*	0.21	**1.16**	1.22	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300140	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.01	*0.95*	0.21	**1.16**	1.21	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300240	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.05*	0.22	**1.27**	1.34	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**							
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																														
SW005	30 Jan 2021	0908_SW005_2101300340	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.22*	0.3	**1.52**	1.71	0.05	0.02	0.03	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300440	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.27*	0.28	**1.55**	1.65	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300540	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.19*	0.26	**1.45**	1.57	<0.02	0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300640	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.14*	0.25	**1.39**	1.48	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300740	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.03*	0.22	**1.25**	1.32	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300840	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.07*	0.23	**1.3**	1.39	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101300940	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.08*	0.22	**1.3**	1.37	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101301040	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.03*	0.22	**1.25**	1.32	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jan 2021	0908_SW005_2101301140	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.05*	0.22	**1.27**	1.34	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	19 Feb 2021	0908_QC100_210219	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.56*	0.37	**1.93**	2.15	0.02	0.03	0.04	<0.02	<0.1	0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	19 Feb 2021	0908_QC200_210219	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.024	*1.1*	0.26	**1.36**	1.384	0.017	0.017	0.02	<0.01	<0.05	<0.02	0.042	0.012	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW005	19 Feb 2021	0908_SW005_210219	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.36*	0.34	**1.7**	1.86	0.02	0.02	0.03	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	26 Mar 2021	0908_SW005_210326	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.01	*0.38*	0.14	**0.52**	0.56	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	23 Apr 2021	0908_SW005_210423	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.04	*1.35*	0.53	**1.88**	2.15	0.04	0.04	0.04	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	11 May 2021	0908_SW005_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.58*	0.23	**0.81**	0.89	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	25 Jun 2021	0908_SW005_210625	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.41*	0.14	**0.55**	0.57	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	30 Jul 2021	0908_SW005_210730	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.32*	0.43	**1.75**	1.96	0.03	0.03	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	20 Aug 2021	0908_SW005_210820	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.81*	0.3	**1.11**	1.25	0.02	0.02	0.03	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	27 Sep 2021	0908_SW005_210927	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.87*	0.23	**1.1**	1.19	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	25 Oct 2021	0908_SW005_211025	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.15*	0.06	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	17 Nov 2021	0908_SW005_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.71*	0.29	**1**	1.11	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	18 May 2022	0908_SW005_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.68*	0.25	**1.93**	2.03	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	08 Nov 2022	0908_QC108_221108	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.24*	0.12	**0.36**	0.38	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	08 Nov 2022	0908_QC208_221108	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.17*	0.09	**0.27**	0.29	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW005	08 Nov 2022	0908_SW005_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.24*	0.09	**0.33**	0.35	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	09 May 2023	0908_QC111_230509	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.22*	0.09	**0.31**	0.31	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	09 May 2023	0908_QC211_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.25*	0.11	**0.36**	0.39	<0.01	0.01	<0.01	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW005	09 May 2023	0908_SW005_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.37*	0.09	**0.46**	0.46	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW005	21 Nov 2023	0908_SW005_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.04*	<0.01	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	23 Jun 2014	MD6_WATER	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.04*	0.09	**0.13**	0.13	<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	<0.05	<0.05	-	-	-
SW006	13 Jan 2016	MD6_SW_1312016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.007	*0.352*	-	**0.352**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW006	15 Jan 2016	MD6_SW_15012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.008	*0.112*	-	**0.112**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW006	16 Mar 2017	MD6_SW_20170316	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	17 Mar 2017	QC412_SW_2017317	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.05	*0.36*	0.24	**0.6**	0.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW006	23 Mar 2017	MD6_SW_230317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	23 Mar 2017	QC413_SW_23032017	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	23 Mar 2017	QC512_SW_230317	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.02	*0.02*	<0.02	0.02	0.02	<0.01	-	-	<0.02	<0.05	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-	<0.02	-	-	-	-	-	-
SW006	31 Mar 2017	MD6_SW_310317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.03*	<0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	05 Apr 2017	MD6_SW_050417	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.07*	0.09	**0.16**	0.17	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	04 May 2017	MD6_SW_040517	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.09*	0.08	**0.17**	0.17	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	01 Jun 2017	MD6_SW_010617	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.13*	0.22	**0.35**	0.35	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	20 Jul 2017	MD6_SW_200717	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.11*	0.06	**0.17**	0.17	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	12 Apr 2018	MD6_SW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.26*	0.16	**0.42**	0.49	<0.02	<0.02	<0.02	<0.02	<0.1	0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	06 Dec 2018	0908_MD6_SW_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.83*	0.26	**1.09**	1.24	<0.02	0.02	<0.02	<0.02	<0.1	0.03	0.06	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	14 Jun 2019	0908_MD6_SW_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.44*	0.13	**0.57**	0.57	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	05 Nov 2019	0908_MD6_SW_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.11*	0.32	**0.43**	0.58	0.03	0.03	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	02 Jun 2020	0908_SW006_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*2.7*	0.45	**3.15**	3.35	<0.02	0.02	<0.02	<0.02	<0.1	0.06	0.08	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	20 Nov 2020	0908_SW006_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.1	*8.81*	1.17	**9.98**	10.8	0.05	0.06	0.09	0.03	<0.1	0.12	0.30	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	11 May 2021	0908_SW006_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.16	*14.3*	1.62	**15.9**	17.0	0.06	0.10	0.14	<0.02	<0.1	0.15	0.38	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	17 Nov 2021	0908_SW006_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.14	*12*	1.49	**13.5**	14.5	0.06	0.07	0.10	<0.02	<0.1	0.13	0.44	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	18 May 2022	0908_SW006_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.12	*18.8*	1.05	**19.8**	20.8	0.04	0.06	0.14	0.05	<0.1	0.11	0.29	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	13 Jul 2022	0908_SW006_220713	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.05	*4.04*	0.47	**4.51**	4.93	0.03	0.04	0.03	<0.02	<0.1	0.04	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	08 Nov 2022	0908_SW006_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.07	*9.92*	0.64	**10.6**	11.1	0.03	0.05	0.07	<0.02	<0.1	0.07	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW006	08 May 2023	0908_SW006_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.07	*6.13*	0.64	**6.77**	7.34	0.04	0.04	0.07	<0.02	<0.1	0.07	0.25	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	13 Jan 2016	MD7_SW_1312016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.029	*0.852*	-	**0.852**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW007	15 Jan 2016	MD7_SW_15012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.017	*0.299*	-	**0.299**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																													
SW007	14 Dec 2016	MD7_SW_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.98*	0.36	**1.34**	1.51	0.06	0.06	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	02 Feb 2017	MD7_SW_020217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*1.26*	0.22	**1.48**	1.5	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	09 Feb 2017	MD7_SW_090217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.23*	0.06	**0.29**	0.29	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	16 Feb 2017	MD7_SW_16022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.05	*1.14*	0.26	**1.4**	1.4	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.17
SW007	02 Mar 2017	MD7_SW_020317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.57*	0.38	**0.95**	0.97	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	09 Mar 2017	MD7_SW_090317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.81*	0.27	**1.08**	1.13	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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	16 Mar 2017	MD7_SW_20170316	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*1.12*	0.44	**1.56**	1.68	0.05	0.04	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	23 Mar 2017	MD7_SW_230317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.07	*8.11*	0.73	**8.84**	9.37	0.03	0.04	0.08	<0.02	<0.1	0.04	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	31 Mar 2017	MD7_SW_310317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.01	*0.79*	0.24	**1.03**	1.08	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	05 Apr 2017	MD7_SW_050417	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.18	*11.8*	2.91	**14.7**	16.2	0.12	0.17	0.19	<0.02	<0.1	0.12	0.67	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	05 Apr 2017	MD7_SW_050417	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	-	-	-	**14.71**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW007	04 May 2017	MD7_SW_040517	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.34	*20.2*	4.5	**24.7**	25.04	0.13	0.27	0.44	<0.02	<0.1	<0.02	1.04	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	01 Jun 2017	MD7_SW_010617	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.25	*3.06*	3.06	**6.12**	8.18	0.18	0.22	0.14	<0.02	<0.1	0.15	1	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	20 Jul 2017	MD7_SW_200717	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.21	*31.4*	4.79	**36.19**	37.5	0.09	0.15	0.28	<0.02	<0.1	0.1	0.42	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	20 Jul 2017	MD7_SW_200717	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	-	-	-	**36.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW007	12 Apr 2018	MD7_SW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.09	*2.64*	1.01	**3.65**	4.35	0.04	0.06	0.07	<0.02	<0.1	0.07	0.33	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	12 Apr 2018	QC100_SW_12042018	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.09	*2.8*	1.03	**3.83**	4.57	0.04	0.07	0.07	<0.02	<0.1	0.08	0.35	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	12 Apr 2018	QC200_SW_12042018	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.067	*2.6*	0.96	**3.56**	3.627	0.044	0.064	0.048	<0.01	0.052	0.065	0.27	0.037	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW007	06 Dec 2018	0908_MD7_SW_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.11	*7.34*	1.35	**8.69**	9.46	0.06	0.09	0.1	<0.02	<0.1	0.08	0.28	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	14 Jun 2019	0908_MD7_SW_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*2.67*	0.32	**2.99**	3.1	0.02	0.03	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	05 Nov 2019	0908_MD7_SW_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*4.92*	0.42	**5.34**	5.94	<0.02	0.03	0.04	<0.02	<0.1	0.12	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.15	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	02 Jun 2020	0908_SW007_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.44	*23.3*	3.67	**27**	30.4	0.13	0.21	0.30	<0.02	0.2	0.46	1.22	0.20	0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.21	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	20 Nov 2020	0908_SW007_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.26	*19.9*	2.13	**22**	23.6	0.08	0.11	0.21	<0.02	<0.1	0.25	0.54	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	18 Dec 2020	0908_SW007_201218	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*5.06*	0.44	**5.5**	5.81	<0.02	0.02	0.04	<0.02	<0.1	0.05	0.12	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012211650	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*4.62*	0.25	**4.87**	5.12	0.03	<0.02	0.03	<0.02	<0.1	0.03	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012211750	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*4.1*	0.25	**4.35**	4.60	<0.02	<0.02	0.03	<0.02	<0.1	0.03	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012211850	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*3.73*	0.27	**4**	4.23	<0.02	<0.02	0.03	<0.02	<0.1	0.03	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012211950	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.96*	0.12	**2.08**	2.29	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.15	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012212050	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	*1.43*	0.1	**1.53**	1.75	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.17	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012212150	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	*1.43*	0.1	**1.53**	1.75	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.18	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012212250	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.7*	0.14	**1.84**	2.06	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.16	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Dec 2020	0908_SW007_2012212350	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*2.09*	0.2	**2.29**	2.57	<0.02	<0.02	<0.02	<0.02	<0.1	0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.18	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220050	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*2.62*	0.23	**2.85**	3.16	<0.02	<0.02	0.02	<0.02	<0.1	0.03	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.16	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220150	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*2.24*	0.21	**2.45**	2.69	<0.02	<0.02	0.02	<0.02	<0.1	0.03	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.11	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220250	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.9*	0.16	**2.06**	2.23	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220350	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.65*	0.12	**1.77**	1.83	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220450	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	*1.28*	0.1	**1.38**	1.42	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220550	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	*1.22*	0.1	**1.32**	1.36	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220650	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.01	*1.43*	0.13	**1.56**	1.61	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220750	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*1.74*	0.16	**1.9**	2.05	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220850	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.02	*2.37*	0.23	**2.6**	2.78	<0.02	<0.02	0.02	<0.02	<0.1	0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012220950	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*2.74*	0.26	**3**	3.24	<0.02	<0.02	0.03	<0.02	<0.1	0.03	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012221050	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*2.94*	0.32	**3.26**	3.54	<0.02	<0.02	0.03	<0.02	<0.1	0.04	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012221150	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*3.37*	0.36	**3.73**	4.08	<0.02	0.02	0.04	<0.02	<0.1	0.04	0.11	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012221250	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*3.66*	0.42	**4.08**	4.47	<0.02	0.03	0.04	<0.02	<0.1	0.05	0.12	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	22 Dec 2020	0908_SW007_2012221350	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*4.76*	0.53	**5.29**	5.77	0.02	0.03	0.05	<0.02	<0.1	0.06	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_QC103_210129	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.11	*9.64*	1.16	**10.8**	11.5	0.04	0.07	0.10	<0.02	<0.1	0.08	0.24	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_QC203_210129	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.094	*7.2*	0.94	**8.14**	8.234	0.033	0.051	0.061	<0.01	0.057	0.09	0.21	0.044	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW007	29 Jan 2021	0908_SW007_210129	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.1	*7.3*	0.86	**8.16**	8.73	0.03	0.05	0.07	<0.02	<0.1	0.09	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101291400	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.13	*9.76*	1.35	**11.1**	12.0	0.05	0.08	0.14	<0.02	<0.1	0.10	0.30	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101291500	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.12	*9.88*	1.22	**11.1**	11.9	<0.02	0.07	0.12	<0.02	<0.1	0.15	0.27	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101291600	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.12	*10.2*	1.08	**11.3**	12.0	0.02	0.06	0.12	<0.02	<0.1	0.06	0.24	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101291700	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.1	*8.36*	0.89	**9.25**	9.79	<0.02	0.05	0.10	<0.02	<0.1	0.05	0.20	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101291800	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.08	*6.9*	0.67	**7.57**	8.10	<0.02	0.03	0.08	<0.02	<0.1	0.04	0.27	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101291900	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*6.07*	0.54	**6.61**	6.95	<0.02	0.03	0.05	<0.02	<0.1	0.05	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101292000	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.07	*5.58*	0.59	**6.17**	6.56	<0.02	0.03	0.06	<0.02	<0.1	0.06	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

		PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides						
		Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR		0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water		**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water		**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%		*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																										
SW007	29 Jan 2021	0908_SW007_2101292100	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*5.83*	0.6	**6.43**	6.80	0.02	0.03	0.06	<0.02	<0.1	0.04	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101292200	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*5.52*	0.53	**6.05**	6.40	<0.02	0.03	0.06	<0.02	<0.1	0.05	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	29 Jan 2021	0908_SW007_2101292300	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*4.13*	0.44	**4.57**	4.81	<0.02	0.02	0.04	<0.02	<0.1	0.02	0.10	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300000	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*5.13*	0.61	**5.74**	6.17	<0.02	0.03	0.06	<0.02	<0.1	0.05	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300100	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*6.23*	0.67	**6.9**	7.32	<0.02	0.04	0.06	<0.02	<0.1	0.08	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300200	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.07	*6.14*	0.72	**6.86**	7.40	<0.02	0.04	0.07	<0.02	<0.1	0.06	0.27	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300300	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.09	*7.16*	0.86	**8.02**	8.65	0.02	0.05	0.08	<0.02	<0.1	0.04	0.31	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300400	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.09	*6.78*	0.85	**7.63**	8.21	<0.02	0.04	0.08	<0.02	<0.1	0.04	0.29	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300500	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.09	*7.36*	0.95	**8.31**	9.04	0.02	0.06	0.09	<0.02	<0.1	0.08	0.35	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300600	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.09	*7.7*	0.88	**8.58**	9.23	0.03	0.05	0.09	<0.02	<0.1	0.04	0.31	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300700	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.09	*7.49*	0.87	**8.36**	8.88	<0.02	0.05	0.08	<0.02	<0.1	0.07	0.19	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300800	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.1	*7.66*	0.95	**8.61**	9.20	0.03	0.05	0.09	<0.02	<0.1	0.07	0.21	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101300900	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.1	*8.38*	1	**9.38**	10.0	0.03	0.06	0.09	<0.02	<0.1	0.07	0.23	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101301000	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.12	*8.56*	1.11	**9.67**	10.4	0.04	0.06	0.10	<0.02	<0.1	0.08	0.25	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101301100	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.1	*8.43*	1.02	**9.45**	10.1	0.04	0.06	0.09	<0.02	<0.1	0.08	0.23	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jan 2021	0908_SW007_2101301200	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.11	*8.6*	1.13	**9.73**	10.4	0.04	0.07	0.10	<0.02	<0.1	0.09	0.25	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	19 Feb 2021	0908_SW007_210219	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*3.07*	0.22	**3.29**	3.43	<0.02	<0.02	0.02	<0.02	<0.1	0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	26 Mar 2021	0908_SW007_210326	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.12	*9.48*	1.3	**10.8**	11.7	0.05	0.08	0.08	<0.02	<0.1	0.12	0.33	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	23 Apr 2021	0908_SW007_210423	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.16	*10.3*	1.62	**11.9**	13.0	0.07	0.11	0.14	<0.02	<0.1	0.13	0.36	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	11 May 2021	0908_SW007_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.15	*10.3*	1.5	**11.8**	12.8	0.07	0.09	0.14	<0.02	<0.1	0.13	0.32	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	25 Jun 2021	0908_SW007_210625	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.15	*15.7*	1.55	**17.2**	18.2	0.05	0.10	0.15	<0.02	<0.1	0.12	0.32	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	30 Jul 2021	0908_SW007_210730	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.2	*18.2*	1.81	**20**	21.2	0.07	0.10	0.16	<0.02	<0.1	0.16	0.46	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	20 Aug 2021	0908_SW007_210820	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.13	*11.9*	1.09	**13**	13.9	0.04	0.06	0.10	<0.02	<0.1	0.20	0.32	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	27 Sep 2021	0908_QC100_210927	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*6.71*	0.55	**7.26**	7.62	<0.02	0.03	0.05	<0.02	<0.1	0.04	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	27 Sep 2021	0908_QC200_210927	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.057	*6.1*	0.55	**6.65**	6.707	0.019	0.029	0.04	<0.01	<0.05	0.048	0.13	0.025	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.021	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW007	27 Sep 2021	0908_SW007_210927	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*6.82*	0.58	**7.4**	7.75	0.02	0.03	0.04	<0.02	<0.1	0.04	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	25 Oct 2021	0908_QC100_211025	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.07	*11.7*	0.59	**12.3**	12.7	0.02	0.04	0.06	<0.02	<0.1	0.06	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	25 Oct 2021	0908_QC200_211025	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.09	*15*	0.67	**16**	16	0.02	0.04	0.09	<0.02	0.07	0.07	0.18	0.04	0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.02	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW007	25 Oct 2021	0908_SW007_211025	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.07	*12.4*	0.63	**13**	13.5	0.02	0.04	0.06	<0.02	<0.1	0.07	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	16 Nov 2021	0908_QC116_211116	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.16	*10.5*	1.35	**11.8**	12.9	0.07	0.08	0.10	<0.02	<0.1	0.12	0.42	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	16 Nov 2021	0908_SW007_211116	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.16	*12.8*	1.54	**14.3**	15.5	0.08	0.09	0.12	<0.02	<0.1	0.13	0.48	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	18 May 2022	0908_SW007_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.11	*11.2*	1	**12.2**	13.0	0.04	0.06	0.11	<0.02	<0.1	0.09	0.28	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	13 Jul 2022	0908_SW007_220713	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.07	*6.32*	0.65	**6.97**	7.55	0.04	0.05	0.04	<0.02	<0.1	0.06	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.12	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	12 Aug 2022	0908_QC101_220812	Field_D	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.07	*7.24*	0.85	**8.09**	8.60	0.04	0.06	0.06	<0.02	<0.1	0.06	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	12 Aug 2022	0908_SW007_220812	Normal	NSW_0908_PFASMGMT	Secondary Management Zone	Risk Zone B	Region 1	0.06	*7.43*	0.8	**8.23**	8.74	0.05	0.06	0.05	<0.02	<0.1	0.06	0.19	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	08 Nov 2022	0908_SW007_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.11	*13.9*	0.95	**14.8**	15.6	0.04	0.07	0.11	<0.02	<0.1	0.08	0.33	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	08 May 2023	0908_SW007_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.07	*7.27*	0.66	**7.93**	8.52	0.03	0.04	0.07	<0.02	<0.1	0.07	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW007	21 Nov 2023	0908_SW007_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.47*	0.06	**0.53**	0.58	<0.02	<0.02	<0.02	<0.02	<0.1	0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	28 Jan 2016	MD8_SW_28012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.06	*2.2*	-	**2.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
SW009	14 Dec 2016	MD8_SW_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.11	*3.84*	2.1	**5.94**	6.82	0.13	0.14	0.2	<0.02	<0.1	0.04	0.2	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	23 Mar 2017	MD8_SW_230317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.91*	0.18	**1.09**	1.17	<0.02	<0.02	0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	01 May 2018	MD8_SW_01052018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.05	*1.26*	0.56	**1.82**	2.2	0.05	0.06	0.04	<0.02	<0.1	0.03	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	07 Dec 2018	0908_MD8_SW_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.07	*2.2*	1.01	**3.21**	3.84	0.1	0.1	0.1	<0.02	<0.1	0.04	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	13 Jun 2019	0908_MD8_SW_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.03	*0.69*	0.66	**1.35**	1.68	0.07	0.09	<0.02	<0.02	<0.1	<0.02	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	06 Nov 2019	0908_MD8_SW_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.68*	0.62	**3.3**	4.00	0.05	0.07	0.04	<0.02	<0.1	0.08	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.15	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	24 Jun 2020	0908_SW009_200624	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.08	*2.22*	1.2	**3.42**	4.19	0.12	0.12	0.12	<0.02	<0.1	0.06	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	04 Dec 2020	0908_SW009_201204	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.07	*4.09*	0.93	**5.02**	5.60	0.06	0.09	0.09	<0.02	<0.1	0.04	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	11 May 2021	0908_SW009_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.08	*4.72*	1.05	**5.77**	6.43	0.08	0.08	0.07	<0.02	<0.1	0.08	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	17 Nov 2021	0908_SW009_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.06	*2.23*	0.79	**3.02**	3.50	0.06	0.06	0.08	<0.02	<0.1	0.03	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	17 May 2022	0908_SW009_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.08	*7.95*	0.82	**8.77**	9.36	0.04	0.06	0.08	<0.02	<0.1	0.07	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	08 Nov 2022	0908_SW009_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.45*	0.58	**3.03**	3.42	0.04	0.06	0.05	<0.02	<0.1	0.03	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	08 May 2023	0908_QC102_230508	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.07	*4.38*	0.93	**5.31**	5.92	0.06	0.08	0.08	<0.02	<0.1	0.06	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	08 May 2023	0908_QC202_230508	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.06	*3.9*	1.1	**4.9**	5.5	0.05	0.08	0.07	<0.02	<0.02	0.06	0.23	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW009	08 May 2023	0908_SW009_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.08	*4.36*	0.83	**5.19**	5.84	0.06	0.09	0.08	<0.02	<0.1	0.06	0.25	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	28 Nov 2023	0908_QC111_231128	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.05	*0.96*	0.62	**1.58**	1.87	0.03	0.03	0.06	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW009	28 Nov 2023	0908_QC211_231128	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.05	*0.9*	0.68	**1.6**	1.9	0.03	0.05	0.08	<0.02	<0.02	0.03	0.1	0.02	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5

								PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides						
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**	**Perfluorooctanoic acid (PFOA)**	**Perfluorooctane sulfonic acid (PFOS)**	**Perfluorohexane sulfonic acid (PFHxS)**	**Sum of PFHxS and PFOS**	**Sum of PFAS**	**Perfluorobutane sulfonic acid (PFBS)**	**Perfluoropentane sulfonic acid (PFPeS)**	**Perfluoroheptane sulfonic acid (PFHpS)**	**Perfluorodecane sulfonic acid (PFDS)**	**Perfluorobutanoic acid (PFBA)**	**Perfluoropentanoic acid (PFPeA)**	**Perfluorohexanoic acid (PFHxA)**	**Perfluoroheptanoic acid (PFHpA)**	**Perfluorononanoic acid (PFNA)**	**Perfluorodecanoic acid (PFDA)**	**Perfluoroundecanoic acid (PFUnDA)**	**Perfluorododecanoic acid (PFDoDA)**	**Perfluorotridecanoic acid (PFTrDA)**	**Perfluorotetradecanoic acid (PFTeDA)**	**4:2 Fluorotelomer sulfonic acid (4:2 FTS)**	**6:2 Fluorotelomer sulfonic acid (6:2 FTS)**	**8:2 Fluorotelomer sulfonic acid (8:2 FTS)**	**10:2 Fluorotelomer sulfonic acid (10:2 FTS)**	**Perfluorooctane sulfonamide (FOSA)**	**N-Methyl perfluorooctane sulfonamide (MeFOSA)**	**N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)**	**N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)**	**N-Ethyl perfluorooctane sulfonamide (EtFOSA)**	**N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)**	**N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)**
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water								**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water								**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%								*19*	*0.00023*																												
SW009	28 Nov 2023	0908_SW009_231128	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.05	*0.96*	0.58	**1.54**	1.83	0.03	0.03	0.06	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	12 Feb 2016	MD10_SW_12022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.06	*1.38*	1.4	**2.78**	4.28	0.11	0.12	0.1	<0.02	<0.1	0.05	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	12 Feb 2016	QC103_SW_12022016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.05	*1.34*	1.38	**2.72**	4.33	0.11	0.12	0.1	<0.02	<0.1	0.04	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	23 Mar 2017	MD10_SW_230317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.04	*1.17*	0.54	**1.71**	1.98	0.04	0.04	0.05	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	07 Dec 2018	0908_MD10_SW_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	0.03	*0.82*	0.43	**1.25**	1.53	0.04	0.05	0.04	<0.02	<0.1	0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	13 Jun 2019	0908_MD10_SW_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	Region 1	<0.01	*0.26*	0.28	**0.54**	0.59	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	06 Oct 2019	0908_MD10_SW_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.04	*1.11*	0.66	**1.77**	2.36	0.07	0.08	0.04	<0.02	<0.1	0.10	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	19 Jun 2020	0908_SW011_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.08	*3.31*	1.01	**4.32**	5.13	0.09	0.11	0.10	<0.02	0.1	0.06	0.23	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	04 Dec 2020	0908_QC108_201204	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.14*	0.73	**2.87**	3.28	0.06	0.07	0.07	<0.02	<0.1	0.02	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	04 Dec 2020	0908_QC208_201204	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.044	*2.4*	0.78	**3.18**	3.224	0.053	0.06	0.047	<0.01	<0.05	0.037	0.13	0.022	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW011	04 Dec 2020	0908_SW011_201204	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.19*	0.7	**2.89**	3.28	0.05	0.07	0.06	<0.02	<0.1	0.02	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	26 May 2021	0908_SW011_210526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	Region 1	0.03	*1.41*	0.45	**1.86**	2.08	0.03	0.04	0.04	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	11 May 2023	0908_SW011_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.05	*2.96*	0.58	**3.54**	3.86	0.03	0.04	0.05	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW011	27 Nov 2023	0908_SW011_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	Region 1	0.02	*0.48*	0.2	**0.68**	0.75	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	20 Dec 2016	MD14_SW_161220	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	18 Apr 2018	MD14_SW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.14*	<0.02	**0.16**	0.14	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	18 Apr 2018	MD14_SW_18042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	-	-	-	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW014	06 Dec 2018	0908_MD14_SW_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.45*	0.21	**0.66**	0.76	<0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	13 Jun 2019	0908_MD14_SW_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	13 Jun 2019	0908_QC120_190613	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	13 Jun 2019	0908_QC220_190613	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 1	<0.01	<0.02	0.011	0.031	0.011	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW014	05 Nov 2019	0908_MD14_SW_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.05*	<0.02	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	04 Jun 2020	0908_SW014_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.32*	0.62	**1.94**	2.32	0.06	0.07	0.05	<0.02	<0.1	0.03	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	26 Nov 2020	0908_QC110_201126	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.06	*2.93*	0.79	**3.72**	4.19	0.06	0.07	0.07	<0.02	<0.1	0.04	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	26 Nov 2020	0908_QC210_201126	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.053	*2.5*	0.74	**3.24**	3.293	0.054	0.059	0.049	<0.01	<0.05	0.042	0.14	0.02	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW014	26 Nov 2020	0908_SW014_201126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.06	*3.24*	0.77	**4.01**	4.50	0.06	0.07	0.06	<0.02	<0.1	0.05	0.16	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	11 May 2021	0908_SW014_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.01	*0.61*	0.2	**0.81**	0.86	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	17 Nov 2021	0908_SW014_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.91*	0.34	**1.25**	1.46	0.06	0.02	0.03	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	16 May 2022	0908_QC201_220516	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*0.96*	0.22	**1.2**	1.3	0.03	0.02	0.02	<0.02	<0.02	<0.02	0.05	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW014	16 May 2022	0908_SW014_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1*	0.22	**1.22**	1.33	<0.02	0.02	0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	07 Nov 2022	0908_SW014_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 1	0.02	*1.14*	0.26	**1.4**	1.55	0.02	0.02	0.03	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	09 May 2023	0908_QC107_230509	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.36*	0.42	**1.78**	2.01	0.02	0.03	0.04	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	09 May 2023	0908_SW014_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 1	0.03	*1.47*	0.39	**1.86**	2.11	0.03	0.03	0.04	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW014	21 Nov 2023	0908_SW014_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 1	<0.01	*0.03*	<0.01	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	30 Jan 2017	TC12_SW_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	<0.01	<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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	09 Feb 2017	TC12_SW_090217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.27*	0.17	**0.44**	0.46	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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	16 Feb 2017	TC12_SW_16022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.02*	0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	24 Feb 2017	TC12_SW_240217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.17*	0.05	**0.22**	0.24	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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	02 Mar 2017	TC12_SW_020317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	09 Mar 2017	TC12_SW_090317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.03	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	16 Mar 2017	TC12_SW_20170316	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	<0.01	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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	23 Mar 2017	TC12_SW_230317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	30 Mar 2017	TC12_SW_300317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.04	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	06 Apr 2017	TC12_SW_060417	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.27*	0.42	**0.69**	0.81	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	04 May 2017	TC12_SW_040517	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.17	**0.24**	0.24	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	01 Jun 2017	TC12_SW_010617	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.07	**0.1**	0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	20 Jul 2017	TC12_SW_200717	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.09*	0.3	**0.39**	0.49	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	12 Apr 2018	TC12_SW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.01*	0.02	0.03	0.03	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	06 Dec 2018	0908_TC12_SW_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.04*	0.07	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	14 Jun 2019	0908_TC12_SW_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.03	**0.1**	0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	07 Nov 2019	0908_TC12_SW_191107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.09	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	26 May 2020	0908_SW019_200526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.03	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	12 Nov 2020	0908_SW019_201112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.29*	0.35	**0.64**	0.78	0.03	0.03	<0.02	<0.02	<0.1	0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	10 May 2021	0908_SW019_210510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.03	*0.81*	0.62	**1.43**	1.73	0.04	0.05	0.04	<0.02	<0.1	0.03	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	12 Nov 2021	0908_SW019_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.03	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	27 May 2022	0908_SW019_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.33*	0.3	**0.63**	0.75	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids									PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																									
PFAS NEMP 2020 Recreational Water							**10**			**2**																									
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																											
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																												
SW019	14 Nov 2022	0908_SW019_221114	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.74*	0.33	**1.07**	1.22	0.03	0.02	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	17 May 2023	0908_SW019_230517	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.11	**0.18**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW019	28 Nov 2023	0908_SW019_231128	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.02*	0.06	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	06 Dec 2018	0908_TC6A_SW_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.04*	0.05	**0.09**	0.09	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	05 Nov 2019	0908_TC6a_SW_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	<0.05	<0.05	0.06	0.06	0.06	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW023	04 Jun 2020	0908_SW023_200604	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.19	**0.27**	0.36	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	20 Nov 2020	0908_SW023_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.5*	0.6	**1.1**	1.36	0.06	0.05	0.03	<0.02	<0.1	<0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	31 Mar 2021	0908_QC101_210331	Field_D	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.01	*0.42*	0.3	**0.72**	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	31 Mar 2021	0908_QC201_210331	Interlab_D	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.41*	0.35	**0.76**	0.78	<0.02	-	-	-	<0.1	0.03	0.07	<0.02	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-
SW023	31 Mar 2021	0908_SW023_210331 (F8)	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.01	*0.46*	0.29	**0.76**	0.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	12 Apr 2021	0908_SW023_210412	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.52*	0.49	**1**	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	11 May 2021	0908_SW023_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.28*	0.42	**0.7**	0.93	0.05	0.04	0.02	<0.02	<0.1	0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	27 Jul 2021	0908_SW023_210727	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.01	*0.22*	0.22	**0.44**	0.57	0.02	0.02	0.01	<0.01	<0.05	0.02	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW023	11 Oct 2021	0908_SW023_211011	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.11*	0.09	**0.2**	0.23	<0.01	<0.01	<0.01	<0.01	<0.05	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW023	16 Nov 2021	0908_SW023_211116	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.12*	0.15	**0.27**	0.34	0.01	0.02	<0.01	<0.01	<0.05	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW023	17 Nov 2021	0908_QC110_211117	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.01	*0.17*	0.22	**0.39**	0.48	0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	17 Nov 2021	0908_SW023_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.01	*0.23*	0.24	**0.47**	0.59	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	18 Jan 2022	0908_SW023_220118	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.04	**0.1**	0.11	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW023	07 Mar 2022	0908_SW023_220307	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.15*	0.22	**0.37**	0.45	0.01	0.02	0.01	<0.02	<0.02	<0.02	0.03	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW023	11 Apr 2022	0908_SW023_220411	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.52*	0.35	**0.87**	1.0	0.02	0.02	0.03	<0.02	<0.02	<0.02	0.06	0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW023	17 May 2022	0908_SW023_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.32*	0.3	**0.62**	0.75	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	12 Jul 2022	0908_SW023_220712	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.01	*0.46*	0.13	**0.59**	0.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	19 Jul 2022	0908_SW023_220719	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.24*	0.12	**0.37**	0.42	<0.01	<0.01	0.01	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW023	17 Oct 2022	0908_QC101_221017	Field_D	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.49*	0.32	**0.81**	0.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	17 Oct 2022	0908_QC201_221017	Interlab_D	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.35*	0.3	**0.65**	0.77	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	17 Oct 2022	0908_SW023_221017	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.41*	0.29	**0.7**	0.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	08 Nov 2022	0908_SW023_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	Region 2	0.02	*0.36*	0.23	**0.59**	0.69	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	20 Jan 2023	0908_SW023_230120	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.04*	0.03	0.06	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	21 Apr 2023	0908_SW023_230421	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.12	**0.2**	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	09 May 2023	0908_SW023_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.1	**0.16**	0.18	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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW023	07 Jul 2023	0908_QC105_230707	Field_D	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.08	**0.14**	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	07 Jul 2023	0908_SW023_230707	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.09	**0.14**	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW023	20 Nov 2023	0908_SW023_231120	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.06	**0.09**	0.09	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	21 Jan 2016	TC7_SW_21012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.39*	-	**0.39**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
SW024	14 Dec 2016	TC7_SW_20161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	Region 2	<0.05	*0.08*	0.1	**0.18**	0.25	<0.05	0.07	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW024	06 Dec 2018	0908_TC7_SW_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	Region 2	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	13 Jun 2019	0908_TC7_SW_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	Region 2	<0.01	*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	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	13 Jun 2019	0908_TC7_SW_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	Region 2	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW024	05 Nov 2019	0908_TC7_SW_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW024	04 Jun 2020	0908_SW024_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	0.01	*0.1*	0.17	**0.27**	0.37	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	20 Nov 2020	0908_SW024_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	0.01	*0.32*	0.32	**0.64**	0.76	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	18 Dec 2020	0908_SW024_201218	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.05	**0.13**	0.13	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012220740	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.05	**0.13**	0.13	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012220840	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.11*	0.07	**0.18**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012220940	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.11*	0.09	**0.2**	0.20	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221040	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.1*	0.07	**0.17**	0.17	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221140	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.06	**0.13**	0.13	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221240	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.12*	0.09	**0.21**	0.21	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221340	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.12*	0.08	**0.2**	0.20	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221440	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.09*	0.06	**0.15**	0.15	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221540	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.09*	0.06	**0.15**	0.15	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221640	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.09*	0.07	**0.16**	0.16	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221740	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.09*	0.08	**0.17**	0.17	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221840	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.1*	0.08	**0.18**	0.18	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012221940	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.09*	0.07	**0.16**	0.16	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012222040	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.05*	0.03	**0.08**	0.08	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

								PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides						
Location Code	Date	Field ID	Sample Type	Project ID	On Base/Management Zone	HHERA Risk Zone	Region	Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water								**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water								**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%								*19*	*0.00023*																												
SW024	22 Dec 2020	0908_SW024_2012222140	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.05*	0.04	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012222240	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.05	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	22 Dec 2020	0908_SW024_2012222340	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.05*	0.04	**0.09**	0.09	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	23 Dec 2020	0908_SW024_2012230040	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.04	**0.1**	0.10	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	23 Dec 2020	0908_SW024_2012230140	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.04	**0.1**	0.10	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	23 Dec 2020	0908_SW024_2012230240	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.04	**0.1**	0.10	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	23 Dec 2020	0908_SW024_2012230340	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.05	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	23 Dec 2020	0908_SW024_2012230440	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.05	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	23 Dec 2020	0908_SW024_2012230540	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.04	**0.1**	0.10	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	23 Dec 2020	0908_SW024_2012230640	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.05	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_QC100_210129	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.1	**0.18**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_QC200_210129	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.047*	0.079	**0.126**	0.126	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	0.013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW024	29 Jan 2021	0908_SW024_210129	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.11	**0.18**	0.20	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101291630	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.09	**0.16**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101291730	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.05*	0.09	**0.14**	0.16	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101291830	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.1	**0.17**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101291930	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.1	**0.16**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101292030	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.1	**0.16**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101292130	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.1	**0.17**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101292230	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.1	**0.16**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	29 Jan 2021	0908_SW024_2101292330	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.1	**0.16**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300030	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.09	**0.15**	0.17	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300130	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.1	**0.17**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300230	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.1	**0.17**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300330	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.11	**0.19**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300430	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.04*	0.04	**0.08**	0.08	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300530	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.11*	0.14	**0.25**	0.28	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300630	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.12	**0.2**	0.22	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300730	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.11	**0.18**	0.20	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300830	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.11	**0.19**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101300930	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.11	**0.19**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101301030	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.11	**0.19**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101301130	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.11	**0.18**	0.20	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101301230	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.1*	0.15	**0.25**	0.28	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101301330	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.11	**0.19**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101301430	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.1*	0.14	**0.24**	0.27	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	30 Jan 2021	0908_SW024_2101301530	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.11	**0.18**	0.20	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	19 Feb 2021	0908_SW024_210219	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.16*	0.2	**0.36**	0.40	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	26 Mar 2021	0908_SW024_210326	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.21*	0.12	**0.33**	0.35	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	31 Mar 2021	0908_SW024_210331 (F9)	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.28*	0.2	**0.47**	0.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	12 Apr 2021	0908_SW024_210412	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	0.02	*0.43*	0.36	**0.79**	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	23 Apr 2021	0908_SW024_210423	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	0.02	*0.28*	0.3	**0.58**	0.71	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	11 May 2021	0908_SW024_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	0.02	*0.24*	0.31	**0.55**	0.70	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	25 Jun 2021	0908_SW024_210625	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.14*	0.18	**0.32**	0.36	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	27 Jul 2021	0908_SW024_210727	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.16*	0.15	**0.31**	0.38	0.01	0.01	<0.01	<0.01	<0.05	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW024	30 Jul 2021	0908_SW024_210730	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	0.01	*0.2*	0.24	**0.44**	0.52	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	20 Aug 2021	0908_SW024_210820	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.09*	0.07	**0.16**	0.16	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	27 Sep 2021	0908_SW024_210927	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*1.32*	0.15	**1.47**	1.50	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	11 Oct 2021	0908_SW024_211011	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.19*	0.17	**0.36**	0.45	0.01	0.02	<0.01	<0.01	<0.05	0.02	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW024	25 Oct 2021	0908_SW024_211025	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.13*	0.08	**0.21**	0.23	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	17 Nov 2021	0908_QC210_211117	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.07*	0.12	**0.19**	0.21	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW024	17 Nov 2021	0908_SW024_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.1*	0.12	**0.22**	0.26	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	17 Nov 2021	0908_SW024_211117	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.1*	0.11	**0.21**	0.24	<0.01	<0.01	<0.01	<0.01	<0.05	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW024	18 Jan 2022	0908_SW024_220118	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.08*	0.05	**0.13**	0.13	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW024	07 Mar 2022	0908_SW024_220307	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.19*	0.23	**0.42**	0.50	0.02	0.02	0.01	<0.02	<0.02	<0.02	0.03	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW024	11 Apr 2022	0908_QC101_220411	Field_D	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	0.02	*0.26*	0.19	**0.44**	0.53	0.01	0.02	0.01	<0.02	<0.02	<0.02	0.03	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5

Table T6 - Historical Surface Water Analytical Results

											PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
											Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
											µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR											0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water											**0.56**			**0.07**																								
PFAS NEMP 2020 Recreational Water											**10**			**2**																								
PFAS NEMP 2020 Freshwater 99%											*19*	*0.00023*																										
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																																
SW024	11 Apr 2022	0908_QC201_220411	Interlab_D	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.27*	0.19	**0.46**	0.51	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	11 Apr 2022	0908_SW024_220411	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	0.01	*0.26*	0.18	**0.44**	0.53	0.02	0.01	0.01	<0.02	<0.02	<0.02	0.04	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW024	16 May 2022	0908_SW024_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	0.01	*0.24*	0.23	**0.47**	0.55	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	12 Jul 2022	0908_SW024_220712	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.33*	0.13	**0.46**	0.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	19 Jul 2022	0908_SW024_220719	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	0.01	*0.46*	0.15	**0.61**	0.68	0.01	0.01	0.01	<0.02	<0.02	<0.02	0.03	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW024	17 Oct 2022	0908_SW024_221017	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	0.01	*0.31*	0.24	**0.55**	0.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	08 Nov 2022	0908_SW024_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.27*	0.12	**0.39**	0.42	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	20 Jan 2023	0908_QC105_230120	Field_D	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.02	0.05	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	20 Jan 2023	0908_SW024_230120	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.04*	0.03	0.06	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	21 Apr 2023	0908_SW024_230421	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.12*	0.1	**0.22**	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	09 May 2023	0908_SW024_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.05	**0.11**	0.11	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW024	07 Jul 2023	0908_SW024_230707	Normal	NSW_0908_WQMP_21	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.05	**0.09**	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-	-
SW024	20 Nov 2023	0908_SW024_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.03*	0.03	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	17 Nov 2014	BD03_SW01_171114	Normal	NSW_0908_PFAS	On Base	-	-	0.25	*17*	2.2	**19.2**	19.45	0.16	-	-	<0.01	-	<0.01	0.34	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW047	17 Nov 2014	QC101_SW_171114	Interlab_D	NSW_0908_PFAS	On Base	-	-	0.29	*16*	2.1	**18.1**	18.39	0.13	-	-	<0.01	-	<0.01	0.41	0.09	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW047	14 Jan 2016	BD03_SW_1412016	Normal	NSW_0908_PFAS	On Base	-	-	**0.9**	*31.6*	5.16	**36.76**	37.66	0.249	-	-	<0.005	-	-	1.74	0.125	0.01	0.007	<0.005	<0.005	<0.005	<0.05	-	0.02	<0.01	-	0.007	<0.05	-	<0.1	<0.005	-	<0.1
SW047	14 Sep 2016	BD03_140916	Normal	NSW_0908_PFAS	On Base	-	-	0.15	*17*	1.3	**18.3**	18.45	0.1	0.13	0.17	<0.01	<0.5	0.047	0.27	0.04	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.013	<0.01	-	<0.01	<0.02	<0.01	<0.2	<0.01	<0.05	<0.2
SW047	16 Dec 2016	BD03_SW_161216	Normal	NSW_0908_PFAS	On Base	-	-	0.03	*2.27*	0.26	**2.53**	2.63	<0.02	0.03	0.02	<0.02	<0.1	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	03 Feb 2017	BD03_SW_030217	Normal	NSW_0908_PFAS	On Base	-	-	0.05	*2.8*	0.52	**3.32**	3.51	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	10 Feb 2017	BD03_SW_100217	Normal	NSW_0908_PFAS	On Base	-	-	<0.05	*2.16*	0.91	**3.07**	3.29	<0.05	0.08	0.06	<0.05	<0.2	<0.05	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW047	17 Feb 2017	BD03_SW_17022017	Normal	NSW_0908_PFAS	On Base	-	-	0.04	*1.68*	0.64	**2.32**	2.58	0.04	0.05	0.02	<0.02	<0.1	0.03	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	24 Feb 2017	BD03_SW_240217	Normal	NSW_0908_PFAS	On Base	-	-	0.05	*2.16*	0.65	**2.81**	3.14	0.05	0.05	0.04	<0.02	<0.1	0.04	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	24 Feb 2017	QC409_SW_240217	Field_D	NSW_0908_PFAS	On Base	-	-	0.06	*2.65*	0.77	**3.42**	3.8	0.05	0.06	0.05	<0.02	<0.1	0.04	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	24 Feb 2017	QC508_SW_24022017	Interlab_D	NSW_0908_PFAS	On Base	-	-	<0.02	*1.2*	0.28	**1.48**	1.48	0.017	-	-	<0.02	<0.05	<0.02	0.053	<0.01	<0.01	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-	<0.02	-	-	-	-	-	-
SW047	03 Mar 2017	BD03_SW_030317	Normal	NSW_0908_PFAS	On Base	-	-	0.03	*1.65*	0.28	**1.93**	1.99	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	10 Mar 2017	BD03_SW_100317	Normal	NSW_0908_PFAS	On Base	-	-	0.06	*1.78*	0.79	**2.57**	2.89	0.04	0.06	0.03	<0.02	<0.1	<0.02	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	17 Mar 2017	BD03_SW_20170317	Normal	NSW_0908_PFAS	On Base	-	-	0.06	*3.45*	1.12	**4.57**	4.99	0.04	0.06	0.05	<0.02	<0.1	0.03	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	22 Mar 2017	BD03_SW_220317	Normal	NSW_0908_PFAS	On Base	-	-	0.06	*1.73*	0.98	**2.71**	3.18	0.07	0.08	0.04	<0.02	<0.1	0.03	0.16	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	31 Mar 2017	BD03_SW_310317	Normal	NSW_0908_PFAS	On Base	-	-	0.09	*4.62*	1	**5.62**	6.22	0.05	0.08	0.06	<0.02	<0.1	0.06	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	07 Apr 2017	BD03_SW_070417	Normal	NSW_0908_PFAS	On Base	-	-	0.12	*3.59*	1.74	**5.33**	6.18	0.12	0.13	0.07	<0.02	<0.1	0.11	0.24	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	05 May 2017	BD03_SW_050517	Normal	NSW_0908_PFAS	On Base	-	-	0.08	*3.28*	1.53	**4.81**	4.89	0.11	0.17	0.1	<0.02	<0.1	<0.02	0.34	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.29	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	05 May 2017	QC_516_050517	Field_D	NSW_0908_PFAS	On Base	-	-	0.061	*1.6*	0.93	**2.53**	2.591	0.093	-	-	<0.02	0.077	0.2	0.34	0.061	<0.01	<0.02	<0.02	<0.02	<0.05	<0.05	-	0.19	<0.05	-	<0.02	-	-	-	-	-	-
SW047	05 May 2017	QC417_050517	Field_D	NSW_0908_PFAS	On Base	-	-	0.07	*2.62*	1.43	**4.05**	4.12	0.12	0.14	0.08	<0.02	<0.1	<0.02	0.29	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.23	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	02 Jun 2017	BD03_SW_020617	Normal	NSW_0908_PFAS	On Base	-	-	0.04	*1.77*	1.01	**2.78**	3.82	0.09	0.1	0.06	<0.02	<0.1	0.12	0.25	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.31	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	21 Jul 2017	BD03_SW_210717	Normal	NSW_0908_PFAS	On Base	-	-	0.05	*2.06*	0.92	**2.98**	3.78	0.06	0.09	0.06	<0.02	<0.1	0.12	0.18	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.19	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	12 Apr 2018	BD03_SW_13042018	Normal	NSW_0908_PFAS	On Base	-	-	0.08	*4.95*	0.88	**5.83**	6.35	0.04	0.06	0.07	<0.02	<0.1	0.07	0.16	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	07 Dec 2018	0908_BD03_SW_181207	Normal	NSW_0908_PFAS	On Base	-	-	0.12	*6.69*	1.42	**8.11**	8.92	0.05	0.08	0.09	<0.02	<0.1	0.15	0.27	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	09 Apr 2019	0908_BD03_190409	Normal	NSW_0908_PFAS	On Base	-	-	0.12	*9.16*	1.63	**10.79**	10.91	0.09	0.13	0.15	<0.02	<0.1	0.08	0.35	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	09 Apr 2019	0908_QC100_190409	Field_D	NSW_0908_PFAS	On Base	-	-	0.12	*9.91*	1.71	**11.62**	11.74	0.08	0.14	0.15	<0.02	<0.1	0.08	0.36	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	14 Jun 2019	0908_BD03_SW_190614	Normal	NSW_0908_PFAS	On Base	-	-	0.09	*3.78*	0.73	**4.51**	5.41	0.03	0.05	0.05	<0.02	<0.1	0.1	0.2	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.32	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	06 Nov 2019	0908_BD03_SW_191106	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*5.12*	0.99	**6.11**	7.01	0.09	0.06	0.08	<0.02	<0.1	0.10	0.28	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.15	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	06 Nov 2019	0908_BD04_SW_191106	Normal	NSW_0908_PFASOMP	On Base	-	-	0.05	*0.15*	0.83	**0.98**	1.51	0.10	0.06	0.03	<0.02	<0.1	0.03	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	22 May 2020	0908_SW047_200522	Normal	NSW_0908_PFASOMP	On Base	-	-	0.04	*3.79*	0.68	**4.47**	5.13	0.05	0.06	0.05	<0.02	<0.1	0.08	0.16	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.18	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	27 Nov 2020	0908_SW047_201127	Normal	NSW_0908_PFASOMP	On Base	-	-	0.15	*20.6*	1.83	**22.4**	23.6	0.06	0.08	0.16	<0.02	<0.1	0.16	0.45	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	11 May 2021	0908_SW047_210511	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*3.23*	1.46	**4.69**	5.43	0.08	0.11	0.07	<0.02	<0.1	0.08	0.27	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	16 Nov 2021	0908_SW047_211116	Normal	NSW_0908_PFASOMP	On Base	-	-	0.14	*9.14*	1.54	**10.7**	11.8	0.08	0.10	0.09	<0.02	<0.1	0.12	0.47	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	19 May 2022	0908_SW047_220519	Normal	NSW_0908_PFASOMP	On Base	-	-	0.11	*5.34*	0.87	**6.21**	6.82	0.03	0.06	0.06	<0.02	<0.1	0.06	0.19	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	10 Nov 2022	0908_SW047_221110	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*3.93*	0.74	**4.67**	5.05	0.03	0.04	0.06	<0.02	<0.1	0.03	0.11	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	10 May 2023	0908_QC108_230510	Field_D	NSW_0908_PFASOMP_23	On Base	-	-	0.12	*10.8*	1.19	**12**	12.9	0.07	0.10	0.13	<0.02	<0.1	0.11	0.27	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	10 May 2023	0908_QC208_230510	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	-	0.1	*8.5*	1.2	**9.7**	10	0.06	0.09	0.08	<0.02	0.04	0.08	0.23	0.06	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.08	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW047	10 May 2023	0908_SW047_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.1	*8.42*	0.94	**9.36**	10.1	0.05	0.08	0.08	<0.02	<0.1	0.08	0.22	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW047	22 Nov 2023	0908_SW047_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.06	*3.43*	0.69	**4.12**	4.64	0.04	0.04	0.06	<0.02	<0.1	0.06	0.16	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	17 Nov 2014	BD04_SW01_171114	Normal	NSW_0908_PFAS	On Base	-	-	0.07	*0.05*	0.36	**0.41**	0.48	0.05	-	-	<0.01	-	<0.01	0.11	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW048	20 Nov 2015	BD04_SW_20112015	Normal	NSW_0908_PFAS	On Base	-	-	0.039	*0.14*	-	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-
SW048	20 Jan 2016	BD04_SW_20012016	Normal	NSW_0908_PFAS	On Base	-	-	0.02	*0.7*	-	**0.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
SW048	16 Dec 2016	BD04_SW_161216	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.11*	0.41	**0.52**	0.63	0.03	0.05	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

											PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**											**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
											Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
											µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR											0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water											**0.56**			**0.07**																							
PFAS NEMP 2020 Recreational Water											**10**			**2**																							
PFAS NEMP 2020 Freshwater 99%											*19*	*0.00023*																									
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																															
SW048	12 Apr 2018	BD04_SW_13042018	Normal	NSW_0908_PFAS	On Base	-	-	0.03	*0.15*	0.68	**0.83**	1.23	0.06	0.07	<0.02	<0.02	<0.1	0.04	0.18	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	07 Dec 2018	0908_BD04_SW_181207	Normal	NSW_0908_PFAS	On Base	-	-	0.04	*0.13*	0.71	**0.84**	1.29	0.06	0.09	0.02	<0.02	<0.1	0.03	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	14 Jun 2019	0908_BD04_SW_190614	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.04*	0.3	**0.34**	0.45	0.04	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	22 May 2020	0908_SW048_200522	Normal	NSW_0908_PFASOMP	On Base	-	-	0.04	*0.24*	0.76	**1**	1.44	0.07	0.08	0.02	<0.02	<0.1	0.03	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	27 Nov 2020	0908_SW048_201127	Normal	NSW_0908_PFASOMP	On Base	-	-	0.05	*0.29*	1.17	**1.46**	2.10	0.10	0.12	0.05	<0.02	<0.1	0.04	0.25	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	11 May 2021	0908_SW048_210511	Normal	NSW_0908_PFASOMP	On Base	-	-	0.06	*0.22*	1.02	**1.24**	1.84	0.09	0.10	0.05	<0.02	<0.1	0.04	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	16 Nov 2021	0908_SW048_211116	Normal	NSW_0908_PFASOMP	On Base	-	-	0.06	*0.38*	1.01	**1.39**	2.08	0.14	0.10	0.05	<0.02	<0.1	0.04	0.26	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	19 May 2022	0908_SW048_220519	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*0.44*	1.22	**1.66**	2.35	0.08	0.13	0.08	<0.02	<0.1	0.04	0.23	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	10 Nov 2022	0908_SW048_221110	Normal	NSW_0908_PFASOMP	On Base	-	-	0.05	*0.22*	0.78	**1**	1.56	0.10	0.13	0.04	<0.02	<0.1	0.03	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	10 May 2023	0908_SW048_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.07	*0.52*	0.94	**1.46**	2.01	0.07	0.10	0.05	<0.02	<0.1	0.04	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	22 Nov 2023	0908_QC108_231122	Field_D	NSW_0908_PFASOMP_23	On Base	-	-	0.06	*0.6*	0.81	**1.41**	1.87	0.08	0.07	0.05	<0.02	<0.1	0.03	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW048	22 Nov 2023	0908_QC208_231122	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	-	0.05	*0.62*	0.87	**1.5**	2.0	0.09	0.08	0.06	<0.02	<0.02	0.02	0.15	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.02	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW048	22 Nov 2023	0908_SW048_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.01	*0.17*	0.18	**0.35**	0.46	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	23 Jun 2014	DD1-WATER	Normal	NSW_0908_PFAS	On Base	-	-	0.09	*0.13*	0.48	**0.61**	0.7	0.06	-	-	<0.01	-	0.04	0.27	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW055	25 Jun 2014	QC7_WATER	Field_D	NSW_0908_PFAS	On Base	-	-	0.1	*0.59*	0.7	**1.29**	1.39	0.06	-	-	<0.01	-	0.05	0.31	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW055	26 Jun 2014	QC6_SEDIMENT_PW	Interlab_D	NSW_0908_PFAS	On Base	-	-	<0.02	<0.02	0.25	**0.27**	0.25	0.1	-	-	<0.02	-	-	0.15	0.03	<0.02	<0.02	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	-	<0.02	<0.5	-	<0.5	<0.05	-	<0.5
SW055	26 Jun 2014	QC8_WATER	Interlab_D	NSW_0908_PFAS	On Base	-	-	0.16	*8.63*	-	**8.63**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-
SW055	14 Jan 2016	DD1_SW_1412016	Normal	NSW_0908_PFAS	On Base	-	-	0.247	*5.17*	-	**5.17**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-
SW055	15 Jan 2016	DD1_SW_15012016	Normal	NSW_0908_PFAS	On Base	-	-	0.093	*3.57*	-	**3.57**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-
SW055	16 Dec 2016	DD1_SW_161216	Normal	NSW_0908_PFAS	On Base	-	-	0.13	*2.66*	1.97	**4.63**	5.52	0.16	0.16	0.07	<0.02	<0.1	0.09	0.22	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	03 Mar 2017	DD1_SW_030317	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.1*	0.08	**0.18**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1330	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.08*	0.16	**0.24**	0.24	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1445	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.08*	0.18	**0.26**	0.26	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1500	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.14	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1515	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.09*	0.16	**0.25**	0.25	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1545	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.13	**0.2**	0.2	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1600	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.13	**0.2**	0.2	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1615	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.12	**0.19**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1630	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.06*	0.1	**0.16**	0.16	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1645	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.12	**0.19**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Mar 2017	DD1_AS_090317_1700	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.13	**0.2**	0.2	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1000	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.11	**0.18**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1015	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.11*	0.21	**0.32**	0.34	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1030	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.11*	0.21	**0.32**	0.34	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1045	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.09*	0.18	**0.27**	0.29	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1100	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.09*	0.16	**0.25**	0.27	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1115	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.08*	0.15	**0.23**	0.23	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1130	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.13	**0.2**	0.2	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1715	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.12	**0.19**	0.19	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_AS_100317_1730	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.07*	0.11	**0.18**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	10 Mar 2017	DD1_SW_100317	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.06*	0.06	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	17 Mar 2017	DD1_SW_20170317	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.14*	0.55	**0.69**	0.81	<0.02	0.03	<0.02	<0.02	<0.1	0.04	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	20 Mar 2017	DD1_AS_200317_1545	Normal	NSW_0908_PFAS	On Base	-	-	0.02	*0.64*	0.38	**1.02**	1.13	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	20 Mar 2017	DD1_AS_200317_1600	Normal	NSW_0908_PFAS	On Base	-	-	0.02	*0.64*	0.36	**1**	1.12	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	20 Mar 2017	DD1_AS_200317_1615	Normal	NSW_0908_PFAS	On Base	-	-	0.03	*1.01*	0.84	**1.85**	2.14	0.06	0.06	0.04	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_1015	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.49*	0.27	**0.76**	0.79	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_1115	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.5*	0.28	**0.78**	0.81	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_1130	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.42*	0.22	**0.64**	0.66	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_1145	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.3*	0.14	**0.44**	0.44	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_1215	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.22*	0.07	**0.29**	0.29	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_1230	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.24*	0.07	**0.31**	0.31	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_815	Normal	NSW_0908_PFAS	On Base	-	-	0.03	*0.91*	0.67	**1.58**	1.82	0.05	0.05	0.03	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_830	Normal	NSW_0908_PFAS	On Base	-	-	0.02	*0.7*	0.5	**1.2**	1.38	0.04	0.04	0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_845	Normal	NSW_0908_PFAS	On Base	-	-	0.02	*0.65*	0.38	**1.03**	1.15	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_900	Normal	NSW_0908_PFAS	On Base	-	-	0.01	*0.56*	0.3	**0.86**	0.95	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_915	Normal	NSW_0908_PFAS	On Base	-	-	0.01	*0.53*	0.26	**0.79**	0.87	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

								PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
								Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water								**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water								**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%								*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																														
SW055	21 Mar 2017	DD1_AS_210317_930	Normal	NSW_0908_PFAS	On Base	-	-	0.01	*0.53*	0.25	**0.78**	0.86	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210317_945	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.44*	0.22	**0.66**	0.68	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Mar 2017	DD1_AS_210347_1200	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.25*	0.1	**0.35**	0.35	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	22 Mar 2017	DD1_SW_220317	Normal	NSW_0908_PFAS	On Base	-	-	0.02	*0.75*	0.61	**1.36**	1.57	0.04	0.04	0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	31 Mar 2017	DD1_SW_310317	Normal	NSW_0908_PFAS	On Base	-	-	0.01	*0.42*	0.31	**0.73**	0.78	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	07 Apr 2017	DD1_SW_070417	Normal	NSW_0908_PFAS	On Base	-	-	0.03	*0.38*	0.55	**0.93**	1.11	0.04	0.04	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	05 May 2017	DD1_SW_050517	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.51*	0.26	**0.77**	0.77	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	02 Jun 2017	DD1_SW_020617	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.13*	0.08	**0.21**	0.21	<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	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	21 Jul 2017	DD1_SW_210717	Normal	NSW_0908_PFAS	On Base	-	-	0.04	*1.72*	0.79	**2.51**	2.99	0.09	0.08	0.03	<0.02	<0.1	0.04	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	12 Apr 2018	DD1_SW_13042018	Normal	NSW_0908_PFAS	On Base	-	-	<0.01	*0.35*	0.14	**0.49**	0.52	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	07 Dec 2018	0908_DD1_SW_181207	Normal	NSW_0908_PFAS	On Base	-	-	0.04	*0.83*	0.76	**1.59**	2.06	0.06	0.09	0.02	<0.02	<0.1	0.04	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	09 Apr 2019	0908_DD1_190409	Normal	NSW_0908_PFAS	On Base	-	-	0.04	*0.4*	0.85	**1.25**	1.29	0.07	0.09	0.04	<0.02	<0.1	0.04	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	13 Jun 2019	0908_DD1_SW_190613	Normal	NSW_0908_PFAS	On Base	-	-	0.01	*0.17*	0.36	**0.53**	0.67	0.04	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	05 Nov 2019	0908_DD1_SW_191105	Normal	NSW_0908_PFASOMP	On Base	-	-	0.04	*0.08*	0.84	**0.92**	1.23	0.03	0.06	0.04	<0.02	<0.1	<0.02	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	22 May 2020	0908_SW055_200522	Normal	NSW_0908_PFASOMP	On Base	-	-	<0.01	*0.15*	0.18	**0.33**	0.38	<0.02	<0.02	<0.02	<0.02	<0.1	0.03	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	23 Nov 2020	0908_SW055_201123	Normal	NSW_0908_PFASOMP	On Base	-	-	0.05	*0.59*	0.88	**1.47**	1.97	0.07	0.10	0.04	<0.02	<0.1	0.03	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	31 Mar 2021	0908_SW055_210331	Normal	NSW_0908_WQMP_21	On Base	-	-	0.06	*3*	0.82	**3.8**	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	<0.02	-	-	-	-	-	-	-
SW055	27 Apr 2021	0908_SW055_210427	Normal	NSW_0908_WQMP_21	On Base	-	-	0.08	*3.2*	1.1	**4.3**	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	<0.02	-	-	-	-	-	-	-
SW055	05 May 2021	0908_SW055_210505	Normal	NSW_0908_PFASOMP	On Base	-	-	0.1	*2.92*	1.38	**4.3**	5.15	0.09	0.14	0.10	<0.02	<0.1	0.08	0.28	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	11 May 2021	0908_SW055_210511	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*3.31*	1.12	**4.43**	5.08	0.07	0.09	0.07	<0.02	<0.1	0.06	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	25 Jun 2021	0908_QC100_210625	Field_D	NSW_0908_PFASOMP	On Base	-	-	0.07	*2.93*	1	**3.93**	4.50	0.06	0.09	0.05	<0.02	<0.1	0.06	0.20	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	25 Jun 2021	0908_QC200_210625	Interlab_D	NSW_0908_PFASOMP	On Base	-	-	0.056	*2.3*	0.87	**3.17**	3.226	0.052	0.065	0.037	<0.01	<0.05	0.059	0.15	0.033	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.048	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05	<0.05
SW055	25 Jun 2021	0908_SW055_210625	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*3.54*	1.07	**4.61**	5.31	0.06	0.10	0.07	<0.02	<0.1	0.07	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	28 Jul 2021	0908_SW055_210728	Normal	NSW_0908_WQMP_21	On Base	-	-	0.07	*1.2*	1.4	**2.6**	3.43	0.10	0.16	0.08	<0.01	<0.05	0.06	0.28	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05
SW055	30 Jul 2021	0908_QC100_210730	Field_D	NSW_0908_PFASOMP	On Base	-	-	0.06	*0.82*	1.04	**1.86**	2.46	0.09	0.10	0.05	<0.02	<0.1	0.05	0.21	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	30 Jul 2021	0908_QC200_210730	Interlab_D	NSW_0908_PFASOMP	On Base	-	-	0.046	*0.69*	0.98	**1.67**	1.716	0.075	0.081	0.031	<0.01	<0.05	0.043	0.15	0.031	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05	<0.05
SW055	30 Jul 2021	0908_SW055_210730	Normal	NSW_0908_PFASOMP	On Base	-	-	0.06	*0.86*	1.02	**1.88**	2.47	0.09	0.10	0.05	<0.02	<0.1	0.05	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	20 Aug 2021	0908_SW055_210820	Normal	NSW_0908_PFASOMP	On Base	-	-	0.06	*0.62*	0.97	**1.59**	2.15	0.08	0.11	0.05	<0.02	<0.1	0.04	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	27 Sep 2021	0908_SW055_210927	Normal	NSW_0908_PFASOMP	On Base	-	-	0.05	*1.45*	0.89	**2.34**	2.86	0.08	0.09	0.04	<0.02	<0.1	0.04	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	14 Oct 2021	0908_SW055_211014	Normal	NSW_0908_WQMP_21	On Base	-	-	0.07	*2.7*	1.1	**3.8**	4.51	0.07	0.09	0.05	<0.01	0.08	0.07	0.22	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW055	25 Oct 2021	0908_SW055_211025	Normal	NSW_0908_PFASOMP	On Base	-	-	0.05	*0.63*	0.8	**1.43**	1.95	0.08	0.10	0.04	<0.02	<0.1	0.04	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	16 Nov 2021	0908_SW055_211116	Normal	NSW_0908_PFASOMP	On Base	-	-	0.06	*2.02*	0.89	**2.91**	3.53	0.09	0.08	0.04	<0.02	<0.1	0.06	0.25	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	17 Nov 2021	0908_SW055_211117	Normal	NSW_0908_WQMP_21	On Base	-	-	0.07	*2.3*	1.1	**3.4**	4.09	0.07	0.10	0.06	<0.01	0.08	0.06	0.20	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW055	19 Jan 2022	0908_SW055_220119	Normal	NSW_0908_WQMP_21	On Base	-	-	0.06	*1.2*	1	**2.2**	2.8	0.07	0.10	0.04	<0.02	0.03	0.06	0.21	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW055	08 Mar 2022	0908_SW055_220308	Normal	NSW_0908_WQMP_21	On Base	-	-	0.05	*2.1*	0.96	**3.1**	3.6	0.04	0.09	0.05	<0.02	0.03	0.05	0.16	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.04	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW055	12 Apr 2022	0908_SW055_220412	Normal	NSW_0908_WQMP_21	On Base	-	-	0.06	*4.3*	0.76	**5.1**	5.6	0.04	0.06	0.05	0.02	0.02	0.04	0.14	0.04	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.04	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW055	19 May 2022	0908_QC111_220519	Field_D	NSW_0908_PFASOMP	On Base	-	-	0.08	*3.98*	0.96	**4.94**	5.64	0.05	0.08	0.06	<0.02	<0.1	0.08	0.23	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	19 May 2022	0908_SW055_220519	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*3.81*	1.01	**4.82**	5.50	0.05	0.08	0.06	<0.02	<0.1	0.06	0.23	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	12 Jul 2022	0908_SW055_220712	Normal	NSW_0908_WQMP_21	On Base	-	-	0.05	*1.8*	0.49	**2.3**	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	<0.02	-	-	-	-	-	-	-
SW055	19 Jul 2022	0908_SW055_220719	Normal	NSW_0908_WQMP_21	On Base	-	-	0.06	*2.7*	0.62	**3.3**	3.7	0.04	0.05	0.05	<0.02	<0.02	0.04	0.13	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.03	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW055	12 Aug 2022	0908_SW055_220812	Normal	NSW_0908_PFASMGMT	On Base	-	-	0.09	*4.46*	0.97	**5.43**	6.00	0.06	0.07	0.08	<0.02	<0.1	0.05	0.18	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	17 Oct 2022	0908_SW055_221017	Normal	NSW_0908_WQMP_21	On Base	-	-	0.05	*2.6*	0.69	**3.3**	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW055	10 Nov 2022	0908_SW055_221110	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*3.48*	0.8	**4.28**	4.82	0.06	0.08	0.07	<0.02	<0.1	0.04	0.17	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	19 Jan 2023	0908_SW055_220119	Normal	NSW_0908_WQMP_21	On Base	-	-	0.01	*0.35*	0.18	**0.53**	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW055	18 Apr 2023	0908_SW055_230418	Normal	NSW_0908_WQMP_21	On Base	-	-	0.05	*1.7*	0.81	**2.5**	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	<0.02	-	-	-	-	-	-	-
SW055	10 May 2023	0908_SW055_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.05	*0.9*	0.88	**1.78**	2.26	0.07	0.10	0.04	<0.02	<0.1	0.04	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW055	05 Jul 2023	0908_QC102_230705	Field_D	NSW_0908_WQMP_21	On Base	-	-	0.04	*0.72*	1	**1.7**	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW055	05 Jul 2023	0908_SW055_230705	Normal	NSW_0908_WQMP_21	On Base	-	-	0.05	*0.76*	1	**1.8**	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW055	22 Nov 2023	0908_SW055_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.05	*0.55*	0.71	**1.26**	1.69	0.10	0.06	0.04	<0.02	<0.1	0.02	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	19 Jun 2014	DD2_WATER	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.08	*0.02*	0.52	**0.54**	0.62	0.11	-	-	<0.01	-	0.04	0.42	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW059	14 Jan 2016	DD2_SW_1412016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.082	*1.56*	-	**1.56**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW059	14 Jan 2016	QC200_SW_140116	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.064	*2.6*	-	**2.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW059	14 Dec 2016	DD2_SW_161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.1	*0.8*	1.68	**2.48**	3.55	0.31	0.28	0.07	<0.02	<0.1	0.06	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	02 Feb 2017	DD2_SW_020217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	*1.61*	0.66	**2.27**	2.59	0.06	0.08	0.03	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	09 Feb 2017	DD2_SW_090217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	<0.05	*0.44*	0.12	**0.56**	0.56	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.12	<0.12	<0.05	<0.12
SW059	16 Feb 2017	DD2_SW_16022017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	<0.05	*0.08*	0.18	**0.26**	4.66	<0.05	<0.05	<0.05	<0.05	4.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12

Location Code	Date	Field ID	Sample Type	Project ID	On Base/Management Zone	HHERA Risk Zone	Region	Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)
								PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids			
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002
PFAS NEMP 2020 Drinking Water								**0.56**			**0.07**									
PFAS NEMP 2020 Recreational Water								**10**			**2**									
PFAS NEMP 2020 Freshwater 99%								*19*	*0.00023*											
SW059	02 Mar 2017	DD2_SW_020317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.62	0.65	1.27	1.52	0.06	0.07	<0.02	<0.02	<0.1	<0.02	0.1	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1030	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	<0.01	0.05	0.06	0.11	0.11	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1045	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	1.13	0.73	1.86	2.1	0.04	0.06	0.03	<0.02	<0.1	<0.02	0.08	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1100	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	1.01	0.62	1.63	1.84	0.04	0.05	0.03	<0.02	<0.1	<0.02	0.06	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1115	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.86	0.61	1.47	1.66	0.04	0.04	0.02	<0.02	<0.1	<0.02	0.06	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1130	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.82	0.54	1.36	1.53	0.04	0.04	0.02	<0.02	<0.1	<0.02	0.05	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1145	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.95	0.51	1.46	1.59	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1200	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.67	0.34	1.01	1.1	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1215	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.01	0.71	0.32	1.03	1.11	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1230	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.8	0.42	1.22	1.34	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1245	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.85	0.46	1.31	1.45	0.03	0.03	0.02	<0.02	<0.1	<0.02	0.04	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1300	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.01	0.64	0.33	0.97	1.06	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.03	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1315	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.01	0.6	0.31	0.91	0.99	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1330	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.01	0.64	0.33	0.97	1.06	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1345	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.78	0.43	1.21	1.35	0.03	0.03	0.02	<0.02	<0.1	<0.02	0.04	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1400	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.75	0.42	1.17	1.29	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.04	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1415	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.68	0.36	1.04	1.15	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02
SW059	08 Mar 2017	DD2_AS_080317_1430	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.62	0.33	0.95	1.04	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02
SW059	09 Mar 2017	DD2_SW_090317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.01	0.34	0.58	0.92	1.28	0.13	0.1	<0.02	<0.02	<0.1	<0.02	0.12	<0.02
SW059	16 Mar 2017	DD2_SW_20170316	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.01	0.26	1.22	1.48	2.15	0.22	0.18	<0.02	<0.02	<0.1	0.04	0.22	<0.02
SW059	20 Mar 2017	DD2_AS_200317_0245	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.04	0.7	1.51	2.21	3.08	0.32	0.27	0.05	<0.02	<0.1	<0.02	0.17	0.02
SW059	20 Mar 2017	DD2_AS_220317_0300	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.67	1.46	2.13	2.93	0.31	0.26	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_0945	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.65	1.31	1.96	2.75	0.31	0.26	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1000	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.59	1.35	1.94	2.73	0.31	0.26	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.62	1.32	1.94	2.74	0.31	0.26	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1030	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.52	1.31	1.83	2.63	0.31	0.26	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1045	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.61	1.36	1.97	2.76	0.31	0.26	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1100	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.54	1.38	1.92	2.7	0.32	0.25	0.04	<0.02	<0.1	<0.02	0.15	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1115	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.52	1.37	1.89	2.69	0.31	0.28	0.04	<0.02	<0.1	<0.02	0.15	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1145	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.58	1.34	1.92	2.74	0.32	0.27	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1215	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.61	1.36	1.97	2.79	0.32	0.28	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1245	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.58	1.4	1.98	2.82	0.33	0.28	0.04	<0.02	<0.1	<0.02	0.17	<0.02
SW059	20 Mar 2017	DD2_AS_220317_1315	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.67	1.37	2.04	2.87	0.33	0.26	0.04	<0.02	<0.1	<0.02	0.17	<0.02
SW059	21 Mar 2017	DD2_AS_210317_2130	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.57	1.41	1.98	2.77	0.29	0.25	0.04	<0.02	<0.1	<0.02	0.16	0.02
SW059	21 Mar 2017	DD2_AS_210317_2145	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.04	0.64	1.54	2.18	3.03	0.3	0.26	0.05	<0.02	<0.1	<0.02	0.18	0.02
SW059	21 Mar 2017	DD2_AS_210317_2200	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.59	1.45	2.04	2.86	0.29	0.26	0.05	<0.02	<0.1	<0.02	0.17	0.02
SW059	21 Mar 2017	DD2_AS_210317_2215	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.04	0.66	1.5	2.16	3.02	0.3	0.28	0.05	<0.02	<0.1	<0.02	0.17	0.02
SW059	21 Mar 2017	DD2_AS_210317_2230	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.56	1.46	2.02	2.82	0.3	0.25	0.04	<0.02	<0.1	<0.02	0.16	0.02
SW059	21 Mar 2017	DD2_AS_210317_2245	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.6	1.41	2.01	2.81	0.29	0.25	0.05	<0.02	<0.1	<0.02	0.16	0.02
SW059	21 Mar 2017	DD2_AS_210317_2300	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.61	1.4	2.01	2.78	0.29	0.25	0.04	<0.02	<0.1	<0.02	0.16	<0.02
SW059	21 Mar 2017	DD2_AS_210317_2315	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.63	1.35	1.98	2.75	0.28	0.24	0.04	<0.02	<0.1	<0.02	0.16	0.02
SW059	21 Mar 2017	DD2_AS_210317_2330	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.71	1.53	2.24	3.12	0.32	0.28	0.05	<0.02	<0.1	<0.02	0.17	0.03
SW059	21 Mar 2017	DD2_AS_210317_2345	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.04	0.68	1.62	2.3	3.23	0.33	0.31	0.05	<0.02	<0.1	<0.02	0.18	0.02
SW059	22 Mar 2017	DD2_AS_220317_0015	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.66	1.56	2.22	3.07	0.32	0.27	0.04	<0.02	<0.1	<0.02	0.17	0.02
SW059	22 Mar 2017	DD2_AS_220317_0045	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.04	0.66	1.59	2.25	3.14	0.32	0.27	0.05	<0.02	<0.1	<0.02	0.18	0.03
SW059	22 Mar 2017	DD2_AS_220317_0115	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.58	1.48	2.06	2.91	0.31	0.27	0.04	<0.02	<0.1	<0.02	0.17	0.03
SW059	22 Mar 2017	DD2_AS_220317_0145	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.64	1.45	2.09	2.91	0.3	0.26	0.05	<0.02	<0.1	<0.02	0.16	0.02
SW059	22 Mar 2017	DD2_AS_220317_0215	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.63	1.47	2.1	2.91	0.3	0.26	0.04	<0.02	<0.1	<0.02	0.16	0.02
SW059	23 Mar 2017	DD2_SW_23032017	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.64	1.48	2.12	2.99	0.29	0.22	0.05	<0.02	<0.1	0.04	0.22	0.02
SW059	31 Mar 2017	DD2_SW_310317	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	0.48	0.63	1.11	1.41	0.08	0.1	<0.02	<0.02	<0.1	<0.02	0.1	<0.02
SW059	05 Apr 2017	DD2_SW_050417	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.03	0.45	1.67	2.12	2.9	0.22	0.23	0.03	<0.02	<0.1	0.03	0.22	0.02
SW059	04 May 2017	DD2_SW_040517	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.12	1.82	3.26	5.08	5.2	0.27	0.41	0.17	<0.02	<0.1	<0.02	0.44	0.04
SW059	01 Jun 2017	DD2_SW_010617	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.07	0.96	2.94	3.9	5.62	0.41	0.4	0.07	<0.02	<0.1	0.1	0.6	0.07
SW059	20 Jul 2017	DD2_SW_200717	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.05	1.08	1.4	2.48	3.07	0.1	0.14	0.05	<0.02	<0.1	0.03	0.19	0.03
SW059	12 Apr 2018	DD2_SW_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.04	0.81	1.14	1.95	2.58	0.13	0.14	0.04	<0.02	<0.1	0.04	0.21	0.03
SW059	06 Dec 2018	0908_DD2_SW_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.1	0.91	2.29	3.2	4.63	0.27	0.29	0.09	<0.02	<0.1	0.09	0.53	0.06

Location Code	Date	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
		PFAS - Perfluoroalkyl Carboxylic Acids						PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides						
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR		0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water																		
PFAS NEMP 2020 Recreational Water																		
PFAS NEMP 2020 Freshwater 99%																		
SW059	02 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	08 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	09 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	16 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	21 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	23 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	31 Mar 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	05 Apr 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	04 May 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	01 Jun 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Jul 2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	12 Apr 2018	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	06 Dec 2018	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

								PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR								0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water								**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water								**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%								*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																														
SW059	13 Jun 2019	0908_DD2_SW_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	Region 3	0.02	*0.14*	1.26	**1.4**	2.55	0.38	0.37	0.02	<0.02	<0.1	0.02	0.32	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	05 Nov 2019	0908_DD2_SW_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*1.29*	1.49	**2.78**	3.77	0.19	0.23	0.09	<0.02	<0.1	0.06	0.32	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	04 Jun 2020	0908_SW059_200604	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.12	*0.85*	4.87	**5.72**	9.20	0.72	0.84	0.15	<0.02	0.1	0.22	1.21	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	13 Nov 2020	0908_SW059_201113	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*1.31*	1.19	**2.5**	3.21	0.09	0.10	0.05	<0.02	<0.1	0.08	0.30	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	18 Dec 2020	0908_SW059_201218	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.08	*0.87*	1.96	**2.83**	3.88	0.22	0.21	0.08	<0.02	<0.1	0.06	0.36	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220200	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.72*	1.3	**2.02**	2.63	0.12	0.12	0.05	<0.02	<0.1	0.04	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220300	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.55*	1.2	**1.75**	2.31	0.11	0.11	0.04	<0.02	<0.1	0.04	0.20	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220400	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.72*	1.36	**2.08**	2.73	0.11	0.13	0.05	<0.02	<0.1	0.05	0.23	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220500	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.8*	1.5	**2.3**	3.02	0.13	0.15	0.05	<0.02	<0.1	0.05	0.25	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220600	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.62*	1.42	**2.04**	2.72	0.12	0.14	0.05	<0.02	<0.1	0.05	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220700	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.91*	1.76	**2.67**	3.51	0.15	0.17	0.06	<0.02	<0.1	0.06	0.30	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220800	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.84*	1.78	**2.62**	3.48	0.15	0.18	0.06	<0.02	<0.1	0.06	0.31	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012220900	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.07	*0.92*	1.91	**2.83**	3.78	0.17	0.19	0.07	<0.02	<0.1	0.07	0.34	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221000	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.07	*0.81*	2.04	**2.85**	3.83	0.18	0.20	0.07	<0.02	<0.1	0.07	0.35	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221100	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.07	*0.77*	2.04	**2.81**	3.81	0.18	0.20	0.07	<0.02	<0.1	0.07	0.36	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221200	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.08	*0.95*	2.17	**3.12**	4.19	0.20	0.21	0.08	<0.02	<0.1	0.08	0.38	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221300	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.08	*0.95*	2.23	**3.18**	4.29	0.20	0.22	0.08	<0.02	<0.1	0.08	0.40	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221400	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.09	*1.07*	2.56	**3.63**	4.87	0.22	0.24	0.09	<0.02	<0.1	0.09	0.45	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221500	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.08	*1*	2.19	**3.19**	4.31	0.20	0.21	0.08	<0.02	<0.1	0.08	0.42	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221600	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.75*	1.5	**2.25**	3.01	0.14	0.16	0.06	<0.02	<0.1	0.06	0.26	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221700	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.71*	1.37	**2.08**	2.75	0.12	0.14	0.05	<0.02	<0.1	0.04	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221800	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.57*	1.17	**1.74**	2.31	0.10	0.12	0.05	<0.02	<0.1	0.04	0.20	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012221900	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.03	*0.63*	1.19	**1.82**	2.37	0.10	0.12	0.04	<0.02	<0.1	0.04	0.20	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012222000	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.55*	1.03	**1.58**	2.07	0.09	0.10	0.04	<0.02	<0.1	0.03	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012222100	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.03	*0.55*	0.99	**1.54**	2.02	0.09	0.10	0.04	<0.02	<0.1	0.03	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012222200	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.61*	1.16	**1.77**	2.31	0.10	0.11	0.04	<0.02	<0.1	0.04	0.19	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	22 Dec 2020	0908_SW059_2012222300	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.02	*0.53*	0.97	**1.5**	1.94	0.08	0.10	0.03	<0.02	<0.1	0.03	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	23 Dec 2020	0908_SW059_2012230000	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.03	*0.52*	0.97	**1.49**	1.95	0.08	0.10	0.04	<0.02	<0.1	0.03	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	23 Dec 2020	0908_SW059_2012230100	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.03	*0.66*	1.2	**1.86**	2.40	0.10	0.12	0.04	<0.02	<0.1	0.04	0.19	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_QC105_210128	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.83*	1.39	**2.22**	2.89	0.12	0.14	0.06	<0.02	<0.1	0.02	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_QC106_210128	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.82*	1.25	**2.07**	2.70	0.11	0.13	0.06	<0.02	<0.1	0.04	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_QC107_210128	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.85*	1.17	**2.02**	2.58	0.10	0.12	0.06	<0.02	<0.1	<0.02	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_QC108_210128	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.96*	1.22	**2.18**	2.77	0.10	0.12	0.05	<0.02	<0.1	0.03	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_QC205_210128	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.042	*0.66*	1.1	**1.76**	1.802	0.094	0.11	0.028	<0.01	<0.05	0.037	0.16	0.021	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW059	28 Jan 2021	0908_QC206_210128	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.039	*0.66*	1	**1.66**	1.699	0.08	0.089	0.024	<0.01	<0.05	0.035	0.15	0.019	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW059	28 Jan 2021	0908_QC207_210128	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.038	*0.77*	0.97	**1.74**	1.778	0.083	0.093	0.024	<0.01	<0.05	0.033	0.15	0.023	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW059	28 Jan 2021	0908_QC208_210128	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.89*	1.1	**1.99**	2.03	0.091	0.1	0.026	<0.01	<0.05	0.038	0.18	0.023	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW059	28 Jan 2021	0908_SW059_2101281630	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.96*	1.59	**2.55**	3.28	0.11	0.16	0.07	<0.02	<0.1	0.04	0.26	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_SW059_2101281730	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.86*	1.33	**2.19**	2.85	0.11	0.14	0.06	<0.02	<0.1	0.03	0.23	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_SW059_2101281830	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.74*	1.2	**1.94**	2.49	0.09	0.12	0.05	<0.02	<0.1	0.02	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_SW059_2101281930	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.78*	1.17	**1.95**	2.50	0.08	0.12	0.05	<0.02	<0.1	0.02	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_SW059_2101282030	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.97*	1.29	**2.26**	2.87	0.10	0.13	0.06	<0.02	<0.1	0.03	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_SW059_2101282130	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.89*	1.09	**1.98**	2.52	0.08	0.12	0.05	<0.02	<0.1	0.02	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_SW059_2101282230	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*1.07*	1.27	**2.34**	2.95	0.10	0.13	0.06	<0.02	<0.1	0.02	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	28 Jan 2021	0908_SW059_2101282330	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*1.12*	1.31	**2.43**	3.05	0.09	0.14	0.06	<0.02	<0.1	0.03	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_210129	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.11	*1.62*	2.46	**4.08**	5.45	0.21	0.27	0.11	<0.02	<0.1	0.11	0.51	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290030	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*1.12*	1.47	**2.59**	3.29	0.11	0.15	0.06	<0.02	<0.1	0.04	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290130	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.07	*1.24*	1.6	**2.84**	3.65	0.12	0.17	0.07	<0.02	<0.1	0.05	0.29	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290230	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*1.13*	1.48	**2.61**	3.34	0.11	0.16	0.07	<0.02	<0.1	0.04	0.26	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290330	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.08	*1.27*	1.8	**3.07**	3.96	0.13	0.19	0.08	<0.02	<0.1	0.05	0.32	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290430	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.08	*1.23*	1.82	**3.05**	3.97	0.14	0.18	0.08	<0.02	<0.1	0.06	0.34	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.09	*1.44*	2.11	**3.55**	4.64	0.18	0.22	0.09	<0.02	<0.1	0.06	0.40	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290630	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.1	*1.44*	2.37	**3.81**	5.09	0.21	0.25	0.10	<0.02	<0.1	0.08	0.48	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290730	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.12	*1.37*	2.91	**4.28**	5.74	0.24	0.31	0.10	<0.02	<0.1	0.09	0.53	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290830	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.12	*1.42*	2.71	**4.13**	5.58	0.24	0.29	0.11	<0.02	<0.1	0.09	0.53	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101290930	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.13	*1.52*	2.94	**4.46**	6.10	0.26	0.30	0.13	<0.02	0.1	0.09	0.56	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																														
SW059	29 Jan 2021	0908_SW059_2101291030	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.14	*1.57*	3.04	**4.61**	6.23	0.27	0.32	0.14	<0.02	<0.1	0.09	0.58	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101291130	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.14	*1.48*	2.94	**4.42**	6.03	0.24	0.30	0.13	<0.02	0.1	0.09	0.54	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101291230	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.13	*1.48*	2.98	**4.46**	6.08	0.25	0.30	0.13	<0.02	0.1	0.09	0.55	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101291330	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.13	*1.53*	2.76	**4.29**	5.85	0.22	0.28	0.12	<0.02	0.1	0.13	0.51	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101291430	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.13	*1.76*	2.83	**4.59**	6.05	0.22	0.28	0.14	<0.02	<0.1	0.10	0.52	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	29 Jan 2021	0908_SW059_2101291530	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.13	*1.68*	2.83	**4.51**	6.08	0.23	0.29	0.13	<0.02	0.1	0.10	0.52	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	19 Feb 2021	0908_SW059_210219	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.1	*2.51*	1.92	**4.43**	5.53	0.14	0.16	0.10	<0.02	<0.1	0.10	0.45	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	26 Mar 2021	0908_SW059_210326	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.68*	0.63	**1.31**	1.68	0.05	0.05	0.04	<0.02	<0.1	0.04	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	31 Mar 2021	0908_SW059_210331	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.91*	0.82	**1.7**	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW059	12 Apr 2021	0908_SW059_210412	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.05	*1.3*	0.79	**2**	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW059	27 Apr 2021	0908_SW059_210427	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*1.26*	0.94	**2.2**	2.74	0.07	0.08	0.05	<0.02	<0.1	0.04	0.22	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	11 May 2021	0908_SW059_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*1.28*	0.94	**2.22**	2.73	0.06	0.08	0.06	<0.02	<0.1	0.04	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	25 Jun 2021	0908_SW059_210625	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.07	*1.08*	1.29	**2.37**	3.03	0.09	0.12	0.07	<0.02	<0.1	0.05	0.23	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	27 Jul 2021	0908_SW059_210727	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.05	*1.1*	0.92	**2.02**	2.58	0.08	0.09	0.04	<0.01	<0.05	0.04	0.20	0.03	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.05
SW059	30 Jul 2021	0908_SW059_210730	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*1.02*	1.03	**2.05**	2.66	0.09	0.09	0.06	<0.02	<0.1	0.05	0.23	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Aug 2021	0908_QC100_210820	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.12	*1.69*	1.81	**3.5**	4.69	0.17	0.21	0.12	<0.02	<0.1	0.09	0.43	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Aug 2021	0908_QC200_210820	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.047	*0.51*	0.96	**1.47**	1.517	0.087	0.098	0.028	<0.01	<0.05	0.044	0.17	0.028	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.05
SW059	20 Aug 2021	0908_SW059_210820	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.13	*1.76*	2.14	**3.9**	5.24	0.20	0.24	0.14	<0.02	<0.1	0.10	0.47	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	27 Sep 2021	0908_SW059_210927	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.88*	1.07	**1.95**	2.58	0.10	0.10	0.06	<0.02	<0.1	0.04	0.24	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	11 Oct 2021	0908_SW059_211011	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.19	*3.7*	2.2	**5.9**	7.58	0.18	0.26	0.17	<0.01	0.10	0.10	0.54	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW059	25 Oct 2021	0908_SW059_211025	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.16	*2.32*	1.78	**4.1**	5.49	0.18	0.22	0.14	<0.02	<0.1	0.10	0.52	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	15 Nov 2021	0908_SW059_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.07	*1.18*	1.16	**2.34**	3.10	0.13	0.12	0.07	<0.02	<0.1	0.05	0.28	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	16 Nov 2021	0908_SW059_211116	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.09	*2.2*	1.1	**3.3**	4.22	0.09	0.15	0.11	<0.01	0.07	0.06	0.27	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW059	18 Jan 2022	0908_SW059_220118	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.07	*0.88*	1.7	**2.6**	3.6	0.19	0.2	0.09	<0.02	0.03	0.07	0.35	0.04	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW059	07 Mar 2022	0908_SW059_220307	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.04	*1.1*	0.83	**1.9**	2.4	0.05	0.07	0.04	<0.02	0.02	0.04	0.16	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.02	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW059	11 Apr 2022	0908_SW059_220411	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.98*	0.7	**1.7**	2.1	0.05	0.05	0.05	<0.02	<0.02	0.03	0.12	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW059	17 May 2022	0908_QC103_220517	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.8*	0.73	**1.53**	1.94	0.05	0.07	0.05	<0.02	<0.1	0.03	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	17 May 2022	0908_QC203_220517	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.05	*0.72*	0.75	**1.5**	1.9	0.05	0.06	0.06	<0.02	0.03	0.03	0.13	0.03	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW059	17 May 2022	0908_SW059_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.76*	0.74	**1.5**	1.92	0.05	0.07	0.05	<0.02	<0.1	0.03	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	19 Jul 2022	0908_SW059_220719	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.03	*0.71*	0.35	**1.1**	1.2	0.03	0.03	0.03	<0.02	<0.02	<0.02	0.07	0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW059	17 Oct 2022	0908_SW059_221017	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.04	*1.1*	0.63	**1.8**	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW059	09 Nov 2022	0908_SW059_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	Region 3	0.07	*1.17*	0.88	**2.05**	2.72	0.08	0.12	0.08	<0.02	<0.1	0.04	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	20 Jan 2023	0908_SW059_230120	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.02	*0.22*	0.5	**0.72**	0.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW059	21 Apr 2023	0908_SW059_230421	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.06	*0.83*	1.7	**2.5**	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW059	16 May 2023	0908_SW059_230516	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	Region 3	0.13	*2.14*	2.35	**4.49**	5.88	0.25	0.25	0.15	<0.02	<0.1	0.09	0.46	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW059	06 Jul 2023	0908_SW059_230706	Normal	NSW_0908_WQMP_21	Secondary Management Zone	Risk Zone C	Region 3	0.1	*1.2*	1.9	**3.1**	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW059	23 Nov 2023	0908_SW059_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	Region 3	0.04	*0.64*	0.88	**1.52**	1.99	0.07	0.09	0.04	<0.02	<0.1	0.04	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	17 Jun 2014	DD3_WATER	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**0.61**	*0.36*	4.2	**4.56**	5.17	0.82	-	-	<0.01	-	0.32	2.5	0.33	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW060	14 Jan 2016	DD3_SW_1412016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**0.589**	*10.3*	5.42	**15.72**	16.309	0.684	-	-	<0.005	-	-	1.65	0.11	0.018	<0.002	<0.005	<0.005	<0.005	<0.05	-	<0.01	<0.01	-	<0.002	<0.05	-	<0.1	<0.005	-	<0.1
SW060	14 Jan 2016	QC100_SW_1412016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	0.212	*8.98*	-	**8.98**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW060	14 Dec 2016	DD3_SW_161214	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**0.74**	*7.82*	10.3	**18.1**	26.7	1.92	1.79	0.94	<0.02	<0.1	0.75	2.16	0.27	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	14 Dec 2016	DD3_SW_161214	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	-	-	-	**18.12**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW060	02 Feb 2017	DD3_SW_020217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	0.43	*14.2*	4.18	**18.38**	21.5	0.49	0.5	0.37	<0.02	<0.1	0.15	1.03	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	02 Feb 2017	DD3_SW_020217	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	-	-	-	**18.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW060	03 Mar 2017	DD3_SW_030317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	0.05	*1.55*	1	**2.55**	3.19	0.19	0.14	0.03	<0.02	<0.1	<0.02	0.21	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	09 Mar 2017	DD3_SW_090317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	0.42	*9.07*	7.41	**16.48**	22.1	1.31	1.1	0.45	<0.02	<0.1	0.3	1.85	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	09 Mar 2017	DD3_SW_090317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	-	-	-	**16.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW060	16 Mar 2017	DD3_SW_20170316	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	0.28	*5.48*	6.78	**12.26**	16.2	0.88	0.83	0.38	<0.02	<0.1	0.18	1.21	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	16 Mar 2017	DD3_SW_20170316	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	-	-	-	**12.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW060	23 Mar 2017	DD3_SW_23032017	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**0.68**	*11.9*	14	**25.9**	37.8	2.9	2.39	0.75	<0.02	0.6	0.58	3.65	0.38	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	31 Mar 2017	DD3_SW_310317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	0.34	*6.72*	6.52	**13.2**	18.4	1.15	1.15	0.4	<0.02	0.2	0.24	1.52	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	31 Mar 2017	DD3_SW_310317	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	-	-	-	**13.24**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW060	05 Apr 2017	DD3_SW_050417	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**0.64**	*9.5*	11.4	**20.9**	31.6	2.9	2.7	0.82	<0.02	<0.1	0.51	2.8	0.37	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	04 May 2017	DD3_SW_040517	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**2.34**	*35.3*	39.9	**75.2**	77.54	3.59	5.53	2.8	<0.02	<0.1	<0.02	7.42	0.75	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	01 Jun 2017	DD3_SW_010617	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**1.87**	*20*	28	**48**	71.1	4.38	4.22	1.55	<0.02	0.9	1.73	7.44	1.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	20 Jul 2017	DD3_SW_200717	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**0.93**	*31.8*	19.8	**51.6**	59.4	0.95	1.36	0.99	<0.02	0.5	0.43	2.26	0.39	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

											PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
											Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
											µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR											0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water											**0.56**			**0.07**																								
PFAS NEMP 2020 Recreational Water											**10**			**2**																								
PFAS NEMP 2020 Freshwater 99%											*19*	*0.00023*																										
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																																
SW060	12 Apr 2018	DD3_SW_12042018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**0.61**	*12.2*	10.7	**22.9**	30.8	1.65	1.6	0.77	<0.02	0.1	0.37	2.48	0.31	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	06 Dec 2018	0908_DD3_SW_181206	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	**1.43**	*30.7*	22.4	**53.1**	69	2.51	3.17	2.07	<0.02	0.3	0.87	4.86	0.65	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	13 Jun 2019	0908_DD3_SW_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	0.4	*4.78*	7.09	**11.87**	19	1.56	1.66	0.45	<0.02	0.2	0.38	2.23	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	13 Jun 2019	0908_DD3_SW_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	Region 3	-	-	-	**11.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW060	05 Nov 2019	0908_DD3_SW_191105	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.64**	*12.5*	10.4	**22.9**	31.5	1.28	1.79	0.91	<0.02	0.4	0.57	2.68	0.33	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	04 Jun 2020	0908_SW060_200604	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.88**	*8.48*	10.8	**19.3**	34.0	2.31	3.63	1.46	<0.02	0.5	0.84	4.54	0.56	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	20 Nov 2020	0908_SW060_201120	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**1.19**	*26.4*	16.8	**43.2**	54.5	1.10	1.76	1.94	<0.02	0.5	0.73	3.72	0.39	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	18 Dec 2020	0908_SW060_201218	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.56	*13.9*	10.4	**24.3**	33.2	1.88	1.95	0.85	<0.02	0.3	0.44	2.63	0.29	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012211403	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.5	*9.76*	7.92	**17.7**	24.9	1.51	1.44	0.59	<0.02	0.3	0.43	2.17	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012211503	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.36	*5.83*	5.7	**11.5**	16.8	1.05	1.17	0.43	<0.02	0.2	0.26	1.64	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012211603	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.37	*7.23*	6.95	**14.2**	19.8	1.16	1.29	0.44	<0.02	0.2	0.26	1.73	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012211703	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.4	*6.55*	6.87	**13.4**	19.4	1.21	1.34	0.51	<0.02	0.2	0.27	1.81	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012211803	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.44	*8.35*	7.57	**15.9**	22.2	1.36	1.32	0.49	<0.02	0.2	0.36	1.88	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012211903	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.49	*9.66*	8.07	**17.7**	24.3	1.33	1.37	0.56	<0.02	0.2	0.34	2.05	0.24	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012212003	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.48	*7.98*	8.2	**16.2**	23.1	1.40	1.68	0.55	<0.02	0.2	0.30	2.12	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012212103	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.46	*8.31*	7.94	**16.2**	23.2	1.45	1.62	0.58	<0.02	0.2	0.29	2.09	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012212203	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.52	*10.8*	10.3	**21.1**	28.7	1.48	1.85	0.72	<0.02	0.3	0.31	2.22	0.24	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	21 Dec 2020	0908_SW060_2012212303	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.45	*9.05*	9.09	**18.1**	25.7	1.22	1.57	0.43	<0.02	0.3	0.80	2.46	0.30	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220003	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.44	*8.99*	9.68	**18.7**	26.1	1.24	1.62	0.44	<0.02	0.3	0.76	2.29	0.30	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220103	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.42	*8.62*	9.57	**18.2**	25.2	1.14	1.58	0.41	<0.02	0.3	0.70	2.16	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220203	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.52	*11.7*	8.34	**20**	27.0	1.59	1.34	0.64	<0.02	0.2	0.31	2.15	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220303	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**1.08**	*17.9*	17.9	**35.8**	48.4	2.24	2.37	1.22	<0.02	0.4	0.56	4.26	0.50	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220403	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.81**	*14.2*	14.6	**28.8**	40.4	1.52	2.27	0.67	<0.02	0.5	1.28	4.05	0.53	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220503	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.69**	*12.7*	11.6	**24.3**	34.4	1.34	1.98	0.67	<0.02	0.4	1.11	3.45	0.46	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220603	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.54	*9.08*	8.28	**17.4**	24.8	0.92	1.41	0.49	<0.02	0.3	0.78	2.61	0.34	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220703	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.41	*7.38*	6.84	**14.2**	20.2	0.88	1.15	0.40	<0.02	0.2	0.61	2.08	0.27	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220803	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.48	*7.21*	8.34	**15.6**	22.4	1.32	1.55	0.58	<0.02	0.2	0.30	2.14	0.24	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012220903	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.32	*7.66*	6.34	**14**	18.9	1.06	0.98	0.43	<0.02	0.2	0.28	1.46	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012221003	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.29	*6.17*	5.49	**11.7**	16.0	0.96	0.86	0.34	<0.02	0.2	0.25	1.31	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012221103	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.36	*7.37*	6.96	**14.3**	19.8	1.23	1.12	0.44	<0.02	0.2	0.31	1.60	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012221203	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.4	*8.38*	7.68	**16.1**	22.0	1.28	1.25	0.49	<0.02	0.2	0.34	1.78	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	22 Dec 2020	0908_SW060_2012221303	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.41	*8.58*	7.42	**16**	21.8	1.24	1.17	0.50	<0.02	0.2	0.34	1.76	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_QC104_210128	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.3	*7.4*	4.5	**11.9**	15.8	0.76	0.78	0.39	<0.02	0.2	0.19	1.10	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_QC204_210128	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.2	*4.3*	3.4	**7.7**	7.9	0.55	0.47	0.19	<0.01	0.12	0.14	0.7	0.09	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW060	28 Jan 2021	0908_SW060_2101281647	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.32	*7.59*	4.71	**12.3**	16.1	0.69	0.86	0.45	<0.02	0.1	0.18	1.09	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_SW060_2101281747	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.26	*6.81*	4.28	**11.1**	14.2	0.58	0.65	0.34	<0.02	0.1	0.16	0.89	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_SW060_2101281847	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.25	*6.2*	3.9	**10.1**	13.1	0.56	0.64	0.32	<0.02	0.1	0.14	0.86	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_SW060_2101281947	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.29	*6.5*	4.3	**10.8**	14.3	0.64	0.75	0.38	<0.02	0.1	0.17	0.99	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_SW060_2101282047	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.3	*6.72*	4.41	**11.1**	14.6	0.63	0.75	0.40	<0.02	0.1	0.17	0.99	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_SW060_2101282147	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.34	*7.64*	5.26	**12.9**	16.9	0.76	0.87	0.48	<0.02	0.1	0.20	1.11	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_SW060_2101282247	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.37	*8.6*	5.43	**14**	18.3	0.72	1.02	0.51	<0.02	0.1	0.20	1.20	0.18	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	28 Jan 2021	0908_SW060_2101282347	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.42	*9.34*	6.3	**15.6**	20.6	0.78	1.08	0.63	<0.02	0.2	0.24	1.36	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_QC100_210129	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.5	*12.8*	7.19	**20**	25.8	0.93	1.23	0.73	<0.02	0.2	0.32	1.71	0.19	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_210129	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.52	*12.1*	7.47	**19.6**	25.6	0.96	1.25	0.74	<0.02	0.2	0.35	1.81	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290047	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.48	*10.2*	6.72	**16.9**	22.4	0.83	1.29	0.68	<0.02	0.2	0.26	1.52	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290147	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.5	*12*	7.35	**19.4**	25.0	0.84	1.24	0.78	<0.02	0.2	0.28	1.53	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290247	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.51	*12.8*	7.53	**20.3**	26.3	0.88	1.40	0.81	<0.02	0.2	0.30	1.63	0.27	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290347	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.52	*12.7*	7.47	**20.2**	26.2	0.87	1.39	0.80	<0.02	0.2	0.30	1.63	0.27	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290447	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.57**	*15.2*	8.09	**23.3**	29.8	0.92	1.46	0.90	<0.02	0.2	0.33	1.79	0.30	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290547	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.51	*12.3*	7.35	**19.6**	25.7	0.94	1.34	0.82	<0.02	0.2	0.31	1.66	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290647	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.6**	*14.5*	7.88	**22.4**	28.9	0.99	1.48	0.84	<0.02	0.2	0.35	1.80	0.30	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290747	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.5	*13.4*	6.72	**20.1**	25.9	0.85	1.25	0.79	<0.02	0.2	0.31	1.61	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290847	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.52	*12.7*	7.74	**20.4**	26.3	0.90	1.25	0.76	<0.02	0.2	0.32	1.66	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101290947	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.49	*12.2*	6.83	**19**	24.8	0.87	1.22	0.74	<0.02	0.2	0.31	1.64	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101291047	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.52	*12.2*	6.84	**19**	25.0	0.88	1.32	0.77	<0.02	0.2	0.31	1.66	0.26	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101291147	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.48	*10.6*	6.43	**17**	22.5	0.86	1.02	0.69	<0.02	0.2	0.28	1.75	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																													
SW060	29 Jan 2021	0908_SW060_2101291247	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.53	*13.1*	7.16	**20.3**	26.6	0.92	1.25	0.78	<0.02	0.3	0.34	2.02	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101291347	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.56	*12.6*	9.26	**21.9**	29.7	1.34	1.75	0.80	<0.02	0.3	0.39	2.38	0.29	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101291447	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.44	*8.18*	6.72	**14.9**	21.1	1.13	1.01	0.58	<0.02	0.6	0.34	1.90	0.24	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	29 Jan 2021	0908_SW060_2101291547	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.36	*9.16*	5.68	**14.8**	19.5	0.87	0.90	0.55	<0.02	0.2	0.22	1.37	0.17	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	19 Feb 2021	0908_SW060_210219	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.95**	*18.7*	10.4	**29.1**	40.2	1.42	1.78	1.46	<0.02	0.6	0.66	3.83	0.42	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	26 Mar 2021	0908_QC100_210326	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.12	*4.28*	1.58	**5.86**	6.86	0.12	0.14	0.14	<0.02	<0.1	0.08	0.35	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	26 Mar 2021	0908_QC200_210326	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.086	*2.8*	1.4	**4.2**	4.286	0.1	0.12	0.093	<0.01	0.063	0.067	0.26	0.039	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW060	26 Mar 2021	0908_SW060_210326	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.12	*4.26*	1.58	**5.84**	6.84	0.11	0.14	0.14	<0.02	<0.1	0.08	0.36	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	31 Mar 2021	0908_SW060_210331	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.22	*8.1*	2.7	**11**	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW060	12 Apr 2021	0908_SW060_210412	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.39	*11*	4.5	**16**	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW060	23 Apr 2021	0908_SW060_210423	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.62**	*12*	8.75	**20.8**	26.6	0.64	0.98	0.64	<0.02	0.3	0.39	2.03	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	11 May 2021	0908_SW060_210511	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.59**	*10.7*	6.08	**16.8**	21.6	0.53	0.68	0.62	<0.02	0.2	0.31	1.64	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	25 Jun 2021	0908_SW060_210625	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.79**	*14.9*	8.06	**23**	29.0	0.63	0.96	0.78	<0.02	0.2	0.40	2.00	0.31	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	27 Jul 2021	0908_SW060_210727	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	**0.73**	*36*	7.3	**43.3**	49.47	0.60	1.1	1.1	<0.01	0.35	0.30	1.5	0.26	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	30 Jul 2021	0908_SW060_210730	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.69**	*15.3*	6.94	**22.2**	27.6	0.58	0.64	0.69	<0.02	0.2	0.33	1.91	0.27	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	20 Aug 2021	0908_SW060_210820	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.81**	*10.5*	4.21	**14.7**	21.7	0.72	1.10	0.87	<0.02	0.3	0.47	2.43	0.33	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	27 Sep 2021	0908_SW060_210927	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.66**	*13*	8.29	**21.3**	28.5	0.86	1.14	0.85	<0.02	<0.1	0.49	2.84	0.34	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	11 Oct 2021	0908_SW060_211011	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	**0.79**	*18*	8.9	**26.9**	34.8	0.93	0.99	1.0	<0.01	0.38	0.55	2.5	0.34	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW060	25 Oct 2021	0908_SW060_211025	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.85**	*16.3*	8.41	**24.7**	34.2	1.07	1.42	0.94	<0.02	0.5	0.77	3.50	0.43	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	15 Nov 2021	0908_SW060_211115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.62**	*13.4*	8.04	**21.4**	29.7	1.22	1.14	0.63	<0.02	0.4	0.60	3.29	0.34	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	16 Nov 2021	0908_SW060_211116	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	**0.67**	*14*	9.7	**23.7**	31.03	0.79	1.1	0.90	<0.01	0.41	0.50	2.3	0.30	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SW060	18 Jan 2022	0908_SW060_220118	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.2	*7.4*	3	**10**	13	0.33	0.34	0.32	<0.02	0.06	0.1	0.65	0.09	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW060	07 Mar 2022	0908_SW060_220307	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.13	*2.9*	2.5	**5.4**	7.2	0.28	0.34	0.13	<0.02	0.1	0.1	0.54	0.09	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW060	11 Apr 2022	0908_SW060_220411	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.01	*0.28*	0.16	**0.44**	0.53	0.01	0.01	0.02	<0.02	<0.02	<0.02	0.04	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW060	18 May 2022	0908_SW060_220518	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	0.31	*7.21*	3.9	**11.1**	14.1	0.35	0.50	0.35	<0.02	0.1	0.18	1.04	0.15	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	12 Jul 2022	0908_SW060_220712	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW060	19 Jul 2022	0908_SW060_220719	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.3	*8.6*	2.3	**11**	13	0.23	0.24	0.28	<0.02	0.06	0.1	0.57	0.1	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW060	17 Oct 2022	0908_SW060_221017	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	**0.58**	*19*	5.5	**25**	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW060	09 Nov 2022	0908_QC109_221109	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.62**	*16.1*	7.12	**23.2**	28.9	0.61	0.68	0.75	<0.02	0.2	0.38	2.14	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	09 Nov 2022	0908_QC209_221109	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.57**	*16*	6	**22**	27	0.60	0.72	0.62	<0.02	0.21	0.34	1.7	0.25	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW060	09 Nov 2022	0908_SW060_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	Region 3	**0.6**	*16.3*	6.9	**23.2**	28.6	0.56	0.92	0.71	<0.02	0.2	0.30	1.80	0.32	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	20 Jan 2023	0908_SW060_230120	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.17	*8*	1.8	**9.8**	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW060	21 Apr 2023	0908_SW060_230421	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	0.34	*6.8*	11	**17**	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW060	11 May 2023	0908_SW060_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	Region 3	**0.79**	*15*	13.4	**28.4**	38.7	1.66	2.32	0.80	<0.02	0.4	0.57	3.35	0.44	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW060	06 Jul 2023	0908_SW060_230706	Normal	NSW_0908_WQMP_21	Primary Management Zone	Risk Zone A	Region 3	**1.2**	*19*	14	**34**	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.02	-	-	-	-	-	-	-
SW060	23 Nov 2023	0908_SW060_231123	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	Region 3	0.09	*1.2*	1.96	**3.16**	4.40	0.22	0.22	0.12	<0.02	<0.1	0.07	0.47	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	17 Jun 2014	DD5_WATER	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.11*	0.41	**0.52**	0.52	0.15	-	-	<0.01	-	0.07	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-
SW062	13 Jan 2016	DD5_SW_1312016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.002	*0.088*	-	**0.088**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
SW062	14 Dec 2016	DD5_SW_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.76*	0.8	**1.56**	2.06	0.1	0.18	<0.05	<0.05	<0.1	<0.05	<0.05	0.22	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW062	12 Apr 2018	DD5_SW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.09	*2.69*	1.21	**3.9**	4.64	0.11	0.12	0.09	<0.02	<0.1	0.07	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	07 Dec 2018	0908_DD5_SW_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.1	*2.64*	1.35	**3.99**	4.86	0.13	0.14	0.1	<0.02	<0.1	0.08	0.26	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	07 Dec 2018	0908_QC110_SW_181207	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.1	*2.35*	1.17	**3.52**	4.36	0.11	0.15	0.1	<0.02	<0.1	0.06	0.27	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	07 Dec 2018	0908_QC205_SW_181207	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.07	*2*	1.1	**3.1**	3.17	0.091	0.098	0.061	<0.01	<0.05	0.071	0.19	0.047	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.021	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW062	13 Jun 2019	0908_DD5_SW_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.03	*1.07*	0.53	**1.6**	1.97	0.08	0.1	0.04	<0.02	<0.1	<0.02	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	06 Nov 2019	0908_DD5_SW_191106	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*1.4*	0.78	**2.18**	2.91	0.11	0.14	0.05	<0.02	<0.1	0.09	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	02 Jun 2020	0908_SW062_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.12	*2.63*	1.96	**4.59**	5.85	0.28	0.26	0.06	<0.02	<0.1	0.11	0.36	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	20 Nov 2020	0908_SW062_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.12*	0.15	**0.27**	0.32	0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	11 May 2021	0908_SW062_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.09	*2.32*	1.47	**3.79**	4.91	0.12	0.14	0.10	<0.02	<0.1	0.13	0.40	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.07	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	17 Nov 2021	0908_QC211_211117	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.05*	0.12	**0.17**	0.21	0.01	0.01	<0.01	<0.02	<0.02	<0.02	0.02	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	<0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW062	17 Nov 2021	0908_SW062_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.08*	0.13	**0.21**	0.25	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	16 May 2022	0908_SW062_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.12*	0.22	**0.34**	0.41	<0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	07 Nov 2022	0908_SW062_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.13*	0.08	**0.21**	0.21	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	11 May 2023	0908_SW062_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.12*	0.21	**0.33**	0.41	0.03	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW062	23 Nov 2023	0908_SW062_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	0.52	*10*	8.46	**18.5**	26.6	1.08	1.10	0.70	<0.02	0.4	0.57	3.50	0.28	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW072	06 Dec 2018	0908_FFD4_SW_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.08	*0.96*	1.02	**1.98**	2.76	0.13	0.13	0.08	<0.02	<0.1	0.05	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW072	25 May 2020	0908_SW072_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.12	*2.88*	2.22	**5.1**	6.76	0.34	0.37	0.17	<0.02	<0.1	0.12	0.47	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																														
SW079	14 Jan 2016	TC2_SW_1412016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.008	*0.11*	-	**0.11**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-
SW079	14 Dec 2016	TC2_SW_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.52*	0.88	**1.4**	1.78	0.11	0.1	0.05	<0.02	<0.1	<0.02	0.05	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	02 Feb 2017	TC2_SW_020217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*1.34*	0.35	**1.69**	1.69	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.1	<0.25	<0.1	<0.25	<0.25	<0.1	<0.25
SW079	09 Feb 2017	TC2_SW_090217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.4*	0.78	**1.18**	1.39	0.1	0.06	<0.05	<0.05	<0.2	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW079	16 Feb 2017	TC2_SW_16022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.22*	0.38	**0.6**	1.07	<0.05	<0.05	<0.05	<0.05	0.4	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW079	24 Feb 2017	TC2_SW_240217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.26*	0.36	**0.62**	0.96	0.1	0.08	<0.05	<0.05	<0.2	0.06	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW079	03 Mar 2017	TC2_SW_030317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.44*	0.32	**0.76**	0.82	0.06	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW079	09 Mar 2017	TC2_SW_090317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.12*	0.06	**0.18**	0.18	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	16 Mar 2017	TC2_SW_20170316	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.06*	0.04	**0.1**	0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	23 Mar 2017	TC2_SW_23032017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.17*	0.49	**0.66**	0.83	0.06	0.06	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	30 Mar 2017	TC2_SW_300317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.21*	0.52	**0.73**	0.93	0.06	0.07	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	05 Apr 2017	TC2_SW_050417	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.15*	0.65	**0.8**	0.97	0.05	0.05	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	04 May 2017	TC2_SW_040517	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.18*	0.53	**0.71**	0.71	0.04	0.05	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	01 Jun 2017	TC2_SW_010617	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.24*	0.61	**0.85**	0.93	0.03	0.05	<0.02	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	20 Jul 2017	TC2_SW_200717	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.15*	0.5	**0.65**	0.81	0.03	0.05	<0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	12 Apr 2018	TC2_SW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.29*	0.49	**0.78**	0.96	0.05	0.04	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	06 Dec 2018	0908_TC2_SW_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.53*	0.38	**0.91**	1.13	0.05	0.05	0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	13 Jun 2019	0908_TC2_SW_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.22*	0.25	**0.47**	0.57	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	05 Nov 2019	0908_TC2_SW_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.05*	<0.02	0.05	0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	02 Jun 2020	0908_SW079_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.12*	0.5	**0.62**	0.81	0.05	0.05	<0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	26 Nov 2020	0908_SW079_201126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.28*	0.24	**0.52**	0.61	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	11 May 2021	0908_SW079_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.01	*0.21*	0.32	**0.53**	0.67	0.04	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	12 Nov 2021	0908_SW079_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.23*	0.17	**0.4**	0.49	0.04	0.02	<0.02	<0.02	<0.1	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	16 May 2022	0908_SW079_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.01	*0.4*	0.37	**0.77**	0.93	0.04	0.05	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	07 Nov 2022	0908_SW079_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.35*	0.19	**0.54**	0.66	0.04	0.04	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	09 May 2023	0908_SW079_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.21*	0.27	**0.48**	0.61	0.05	0.04	<0.02	<0.02	<0.1	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	21 Nov 2023	0908_QC102_231121	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.02*	0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW079	21 Nov 2023	0908_QC202_231121	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	<0.01	<0.01	0.01	0.01	0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.02	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW079	21 Nov 2023	0908_SW079_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.46*	0.33	**0.79**	1.03	0.03	0.03	0.02	<0.02	<0.1	0.03	0.09	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	13 Jan 2016	TFD1_SW_1312016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.002	*0.007*	-	0.007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-
SW081	14 Dec 2016	TFD1_SW_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*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	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	12 Apr 2018	TFD1_SW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.04*	<0.02	0.06	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	12 Apr 2018	TFD1_SW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW081	06 Dec 2018	0908_TFD1_SW_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	14 Jun 2019	0908_TFD1_SW_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.1*	<0.02	**0.1**	0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	14 Jun 2019	0908_TFD1_SW_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	-	-	-	**0.12**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW081	05 Nov 2019	0908_QC105_191105	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	05 Nov 2019	0908_QC205_191105	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.031*	0.016	0.047	0.047	<0.01	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW081	05 Nov 2019	0908_TFD1_SW_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	02 Jun 2020	0908_SW081_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.04*	<0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	12 Nov 2020	0908_SW081_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.03*	0.03	0.06	0.06	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	11 May 2021	0908_SW081_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	<0.01	<0.02	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	30 Nov 2021	0908_SW081_211130	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	16 May 2022	0908_SW081_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	08 Nov 2022	0908_SW081_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	11 May 2023	0908_SW081_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW081	23 Nov 2023	0908_SW081_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.02*	0.02	0.04	0.04	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW082	25 Jan 2016	TFD2_SW_25012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.05	*1.52*	-	**1.52**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
SW082	19 Dec 2016	TFD2_SW_161219	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.09	*0.8*	0.44	**1.24**	1.67	0.09	0.07	<0.05	<0.05	<0.1	<0.05	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW082	12 Apr 2018	TFD2_SW_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.04	*1.03*	0.91	**1.94**	2.38	0.1	0.08	0.05	<0.02	<0.1	0.03	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW082	07 Dec 2018	0908_TFD2_SW_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.05	*2.34*	0.92	**3.26**	3.75	0.09	0.1	0.04	<0.02	<0.1	<0.02	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW082	14 Jun 2019	0908_TFD2_SW_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.24*	0.7	**0.94**	1.33	0.14	0.14	<0.05	<0.05	<0.2	<0.05	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW082	07 Nov 2019	0908_TFD2_SW_191107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.07	*1.9*	0.93	**2.83**	3.45	0.13	0.12	0.08	<0.05	<0.2	<0.05	0.22	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW082	25 May 2020	0908_SW082_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.75*	1.35	**2.1**	3.06	0.22	0.25	0.05	<0.02	<0.1	0.06	0.31	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW082	27 Nov 2020	0908_SW082_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.09	*1.9*	1.35	**3.25**	4.18	0.12	0.19	0.11	<0.02	<0.1	0.05	0.33	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW082	20 Apr 2021	0908_QC208_210520	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.071	*1.4*	0.93	**2.33**	2.401	0.077	0.092	0.051	<0.01	0.057	0.052	0.21	0.03	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05

Table T6 - Historical Surface Water Analytical Results

										PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
										Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
										µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR										0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water										**0.56**			**0.07**																									
PFAS NEMP 2020 Recreational Water										**10**			**2**																									
PFAS NEMP 2020 Freshwater 99%										*19*	*0.00023*																											
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																															
SW082	20 May 2021	0908_QC108_210520	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.11	*1.84*	1.23	**3.07**	4.04	0.06	0.14	0.10	<0.02	<0.1	0.09	0.41	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW082	20 May 2021	0908_SW082_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.1	*1.78*	1.2	**2.98**	3.91	0.06	0.14	0.10	<0.02	<0.1	0.07	0.40	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW082	19 Nov 2021	0908_SW082_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.08	*1.31*	1.22	**2.53**	3.37	0.12	0.13	0.08	<0.02	<0.1	0.06	0.33	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	23 Jun 2014	LC1_WATER	Normal	NSW_0908_PFAS	On Base	-	-	0.13	*0.25*	0.67	**0.92**	1.05	0.07	-	-	<0.01	-	0.04	0.35	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	-	-	<0.05	-	-
SW108	20 Nov 2015	LC_SW_20112015	Normal	NSW_0908_PFAS	On Base	-	-	0.236	*13.4*	-	**13.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-
SW108	14 Jan 2016	LC_SW_1412016	Normal	NSW_0908_PFAS	On Base	-	-	0.191	*10.6*	-	**10.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-
SW108	14 Sep 2016	LC_140916	Normal	NSW_0908_PFAS	On Base	-	-	0.12	*11*	1.2	**12.2**	12.32	0.072	0.11	0.12	<0.01	<0.5	0.081	0.3	0.038	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.013	<0.01	-	<0.01	<0.02	<0.01	<0.2	<0.01	<0.05	<0.2
SW108	16 Dec 2016	LC_SW_161216	Normal	NSW_0908_PFAS	On Base	-	-	0.1	*8.76*	1.48	**10.2**	11.1	0.12	0.12	0.14	<0.02	<0.1	0.07	0.33	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	16 Dec 2016	LC_SW_161216	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	**10.24**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW108	03 Feb 2017	LC_SW_030217	Normal	NSW_0908_PFAS	On Base	-	-	0.1	*7.97*	0.77	**8.74**	9.53	0.06	0.09	0.04	<0.02	<0.1	<0.02	0.46	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	03 Feb 2017	QC405_SW_030217	Field_D	NSW_0908_PFAS	On Base	-	-	0.11	*9.13*	1.14	**10.27**	11.3	0.07	0.09	0.05	<0.02	<0.1	0.13	0.55	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	03 Feb 2017	QC405_SW_030217	Field_D	NSW_0908_PFAS	On Base	-	-	-	-	-	**10.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW108	10 Feb 2017	LC_SW_100217	Normal	NSW_0908_PFAS	On Base	-	-	0.12	*4.85*	1.43	**6.28**	7.72	0.11	0.14	0.13	<0.05	<0.2	0.36	0.5	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW108	10 Feb 2017	QC406_SW_100217	Field_D	NSW_0908_PFAS	On Base	-	-	0.1	*4.55*	1.38	**5.93**	7.28	0.11	0.14	0.12	<0.05	<0.2	0.32	0.48	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW108	10 Feb 2017	QC505_SW_100217	Interlab_D	NSW_0908_PFAS	On Base	-	-	-	-	-	**3.91**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW108	17 Feb 2017	LC_SW_17022017	Normal	NSW_0908_PFAS	On Base	-	-	0.11	*6.28*	1.4	**7.68**	8.9	0.12	0.12	0.09	<0.02	<0.1	0.16	0.56	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	24 Feb 2017	LC_SW_240217	Normal	NSW_0908_PFAS	On Base	-	-	0.09	*3.23*	1.2	**4.43**	5.46	0.1	0.1	0.06	<0.02	<0.1	0.16	0.49	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	03 Mar 2017	LC_SW_030317	Normal	NSW_0908_PFAS	On Base	-	-	0.07	*2.8*	0.9	**3.7**	4.51	<0.02	0.06	0.05	<0.02	<0.1	0.15	0.46	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	10 Mar 2017	LC_SW_100317	Normal	NSW_0908_PFAS	On Base	-	-	0.08	*4.01*	0.89	**4.9**	5.76	0.05	0.07	0.05	<0.02	<0.1	0.13	0.4	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	17 Mar 2017	LC_SW_20170317	Normal	NSW_0908_PFAS	On Base	-	-	0.06	*3.67*	1.08	**4.75**	5.56	0.07	0.08	0.06	<0.02	<0.1	0.12	0.38	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	23 Mar 2017	LC_SW_220317	Normal	NSW_0908_PFAS	On Base	-	-	0.06	*2.38*	0.86	**3.24**	3.97	0.05	0.07	0.05	<0.02	<0.1	0.11	0.35	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	31 Mar 2017	LC_SW_310317	Normal	NSW_0908_PFAS	On Base	-	-	0.06	*3.28*	0.89	**4.17**	4.76	0.04	0.06	0.04	<0.02	<0.1	0.11	0.26	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	07 Apr 2017	LC_SW_070417	Normal	NSW_0908_PFAS	On Base	-	-	0.08	*3.14*	1.17	**4.31**	5.04	0.06	0.08	0.06	<0.02	<0.1	0.13	0.28	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	07 Apr 2017	QC416_SW_070417	Field_D	NSW_0908_PFAS	On Base	-	-	0.08	*3.42*	1.21	**4.63**	5.35	0.06	0.09	0.06	<0.02	<0.1	0.12	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	07 Apr 2017	QC516_SW_070417	Interlab_D	NSW_0908_PFAS	On Base	-	-	0.054	*2.6*	0.77	**3.37**	3.424	0.045	-	-	<0.02	0.057	0.13	0.27	0.032	<0.01	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-	<0.02	-	-	-	-	-	-
SW108	05 May 2017	LC_SW_050517	Normal	NSW_0908_PFAS	On Base	-	-	0.08	*4.64*	1.54	**6.18**	6.26	0.06	0.11	0.09	<0.02	<0.1	<0.02	0.3	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	02 Jun 2017	LC_SW_020617	Normal	NSW_0908_PFAS	On Base	-	-	0.07	*3.47*	1.06	**4.53**	5.42	0.08	0.08	0.05	<0.02	<0.1	0.18	0.3	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	21 Jul 2017	LC_SW_210717	Normal	NSW_0908_PFAS	On Base	-	-	0.07	*5.29*	0.99	**6.28**	6.85	0.04	0.07	0.06	<0.02	<0.1	0.1	0.19	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	12 Apr 2018	LC_SW_13042018	Normal	NSW_0908_PFAS	On Base	-	-	0.09	*4.8*	0.92	**5.72**	6.48	0.04	0.07	0.06	<0.02	<0.1	0.12	0.28	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.06	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	07 Dec 2018	0908_LC_SW_181207	Normal	NSW_0908_PFAS	On Base	-	-	0.1	*4.85*	0.92	**5.77**	6.72	0.05	0.07	0.07	<0.02	<0.1	0.21	0.4	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	14 Jun 2019	0908_LC_SW_190614	Normal	NSW_0908_PFAS	On Base	-	-	0.07	*4.11*	0.8	**4.91**	5.85	0.04	0.06	0.06	<0.02	<0.1	0.12	0.23	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.32	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	06 Nov 2019	0908_LC_SW_191106	Normal	NSW_0908_PFASOMP	On Base	-	-	0.1	*4.48*	1.28	**5.76**	7.28	0.11	0.08	0.08	<0.02	<0.1	0.19	0.58	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.31	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	22 May 2020	0908_SW108_200522	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*5.8*	0.92	**6.72**	7.84	0.06	0.07	0.08	<0.02	<0.1	0.13	0.29	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.35	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	27 Nov 2020	0908_SW108_201127	Normal	NSW_0908_PFASOMP	On Base	-	-	0.16	*8.73*	1.98	**10.7**	12.1	0.06	0.11	0.13	<0.02	<0.1	0.21	0.54	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.09	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	11 May 2021	0908_SW108_210511	Normal	NSW_0908_PFASOMP	On Base	-	-	0.1	*6.34*	1.14	**7.48**	8.28	0.04	0.07	0.08	<0.02	<0.1	0.10	0.28	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	16 Nov 2021	0908_SW108_211116	Normal	NSW_0908_PFASOMP	On Base	-	-	0.09	*4.73*	1.03	**5.76**	6.71	0.06	0.07	0.06	<0.02	<0.1	0.10	0.35	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.16	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	19 May 2022	0908_QC110_220519	Field_D	NSW_0908_PFASOMP	On Base	-	-	0.08	*6.98*	0.79	**7.77**	8.41	0.03	0.06	0.06	<0.02	<0.1	0.07	0.20	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.10	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	19 May 2022	0908_SW108_220519	Normal	NSW_0908_PFASOMP	On Base	-	-	0.09	*7.71*	0.89	**8.6**	9.30	0.03	0.06	0.07	<0.02	<0.1	0.07	0.22	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.11	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	10 Nov 2022	0908_QC114_221110	Field_D	NSW_0908_PFASOMP	On Base	-	-	0.08	*4*	1.13	**5.13**	5.73	0.05	0.07	0.08	<0.02	<0.1	0.06	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	10 Nov 2022	0908_QC214_221110	Interlab_D	NSW_0908_PFASOMP	On Base	-	-	0.08	*4.2*	0.98	**5.2**	5.8	0.09	0.07	0.09	<0.02	<0.02	0.05	0.18	0.04	<0.01	<0.02	<0.02	<0.05	<0.1	<0.5	<0.01	0.01	<0.02	<0.02	<0.1	<0.05	<0.02	<0.05	<0.1	<0.02	<0.5
SW108	10 Nov 2022	0908_SW108_221110	Normal	NSW_0908_PFASOMP	On Base	-	-	0.1	*4.48*	1	**5.48**	6.12	0.05	0.09	0.09	<0.02	<0.1	0.05	0.21	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	10 May 2023	0908_SW108_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.11	*10.6*	1.1	**11.7**	12.6	0.06	0.08	0.12	<0.02	<0.1	0.11	0.28	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW108	22 Nov 2023	0908_SW108_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.08	*5.54*	0.83	**6.37**	6.86	0.03	0.04	0.06	<0.02	<0.1	0.05	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	16 Dec 2016	LC_B_SW_161216	Normal	NSW_0908_PFAS	On Base	-	-	0.1	*9.46*	1.43	**10.89**	11.8	0.12	0.13	0.12	<0.02	<0.1	0.08	0.36	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	16 Dec 2016	LC_B_SW_161216	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	**10.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW110	16 Dec 2016	QC402_SW_161216	Field_D	NSW_0908_PFAS	On Base	-	-	0.12	*9.82*	1.58	**11.4**	12.3	0.13	0.11	0.12	<0.02	<0.1	0.08	0.37	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	16 Dec 2016	QC502_WS_161216	Interlab_D	NSW_0908_PFAS	On Base	-	-	0.087	*14*	1.2	**15.2**	15.287	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-	-
SW110	12 Apr 2018	LC_B_SW_13042018	Normal	NSW_0908_PFAS	On Base	-	-	0.08	*3.46*	0.81	**4.27**	4.89	0.04	0.05	0.05	<0.02	<0.1	0.12	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	07 Dec 2018	0908_LC_B_SW_181207	Normal	NSW_0908_PFAS	On Base	-	-	0.1	*5.41*	0.91	**6.32**	7.29	0.05	0.07	0.07	<0.02	<0.1	0.22	0.41	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	14 Jun 2019	0908_LC_B_SW_190614	Normal	NSW_0908_PFAS	On Base	-	-	0.05	*1.64*	0.6	**2.24**	2.88	0.04	0.06	0.04	<0.02	<0.1	0.1	0.2	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.12	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	14 Jun 2019	0908_QC121_190614	Field_D	NSW_0908_PFAS	On Base	-	-	0.06	*1.9*	0.78	**2.68**	3.48	0.04	0.06	0.04	<0.02	<0.1	0.12	0.27	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.17	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	14 Jun 2019	0908_QC221_190614	Interlab_D	NSW_0908_PFAS	On Base	-	-	0.057	*1.7*	0.72	**2.42**	2.477	0.046	0.051	0.033	<0.01	0.056	0.12	0.23	0.044	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.16	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW110	06 Nov 2019	0908_LC_B_SW_191106	Normal	NSW_0908_PFASOMP	On Base	-	-	0.09	*3.39*	1.04	**4.43**	5.62	0.08	0.05	0.07	<0.02	<0.1	0.15	0.46	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.23	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	22 May 2020	0908_SW110_200522	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*4.42*	1	**5.42**	6.44	0.06	0.08	0.07	<0.02	<0.1	0.13	0.32	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.23	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	27 Nov 2020	0908_SW110_201127	Normal	NSW_0908_PFASOMP	On Base	-	-	0.16	*12.3*	1.96	**14.3**	16.7	0.07	0.10	0.13	0.92	<0.1	0.20	0.57	0.07	<0.02	<0.02	0.03	0.04	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	0.09	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	11 May 2021	0908_SW110_210511	Normal	NSW_0908_PFASOMP	On Base	-	-	0.1	*5.24*	1.1	**6.34**	7.14	0.05	0.07	0.08	<0.02	<0.1	0.09	0.28	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.08	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

											PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**						
											Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
											µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR											0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water											**0.56**			**0.07**																								
PFAS NEMP 2020 Recreational Water											**10**			**2**																								
PFAS NEMP 2020 Freshwater 99%											*19*	*0.00023*																										
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																																
SW110	16 Nov 2021	0908_SW110_211116	Normal	NSW_0908_PFASOMP	On Base	-	-	0.09	*5.96*	0.96	**6.92**	7.87	0.07	0.07	0.05	<0.02	<0.1	0.10	0.35	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.16	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	19 May 2022	0908_SW110_220519	Normal	NSW_0908_PFASOMP	On Base	-	-	0.08	*5.33*	0.86	**6.19**	6.86	0.03	0.06	0.06	<0.02	<0.1	0.08	0.22	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.09	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	10 Nov 2022	0908_SW110_221110	Normal	NSW_0908_PFASOMP	On Base	-	-	0.09	*5.41*	1.08	**6.49**	7.08	0.04	0.06	0.09	<0.02	<0.1	0.05	0.22	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	10 May 2023	0908_SW110_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.11	*8.55*	1.13	**9.68**	10.5	0.05	0.08	0.11	<0.02	<0.1	0.10	0.28	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW110	22 Nov 2023	0908_SW110_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	-	0.11	*7.61*	1.13	**8.74**	9.47	0.04	0.06	0.09	<0.02	<0.1	0.07	0.32	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW158	16 May 2023	0908_SW158_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	Region 2	<0.01	*0.06*	0.06	**0.12**	0.12	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	17 Feb 2017	FCD4_SW_17022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.08*	<0.05	**0.08**	0.08	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW259	24 Feb 2017	FCD4_SW_240217	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.38*	0.1	**0.48**	0.48	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW259	03 Mar 2017	FCD4_SW_030317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.15*	<0.05	**0.15**	1.39	<0.05	<0.05	<0.05	<0.05	1.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.14	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW259	10 Mar 2017	FCD4_SW_100317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.39*	0.22	**0.61**	0.68	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	0.07	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW259	16 Mar 2017	FCD4_SW_20170316	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.33*	0.24	**0.57**	0.57	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.12
SW259	24 Mar 2017	FCD4_SW_24/3/17	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.28*	0.31	**0.59**	0.75	0.06	0.05	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	31 Mar 2017	FCD4_SW_310317	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.42*	0.44	**0.86**	1.12	0.06	0.07	0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	31 Mar 2017	QC415_SW_310317	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.4*	0.44	**0.84**	1.08	0.06	0.06	0.02	<0.02	<0.1	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	31 Mar 2017	QC515_SW_310317	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.022	*0.39*	0.52	**0.91**	0.932	0.064	-	-	<0.02	<0.05	<0.02	0.095	<0.01	<0.01	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	-	<0.05	<0.05	-	<0.02	-	-	-	-	-	-
SW259	07 Apr 2017	FCD4_SW_070417	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.56*	1.1	**1.66**	2.18	0.15	0.14	0.04	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	02 Jun 2017	FCD4_SW_020617	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.01	*0.67*	1.62	**2.29**	2.64	0.1	0.14	0.04	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Jul 2017	FCD4_SW_210717	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.1	*1.97*	1.44	**3.41**	4.22	0.11	0.15	0.1	<0.02	<0.1	0.05	0.25	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	12 Apr 2018	FCD4_SW_13042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.8*	0.82	**1.62**	2.03	0.09	0.08	0.03	<0.02	<0.1	0.03	0.12	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	07 Dec 2018	0908_FCD4_SW_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	0.01	*0.24*	0.2	**0.44**	0.55	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	14 Jun 2019	0908_FCD4_SW_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.26*	0.56	**0.82**	1.02	0.1	0.1	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.17
SW259	08 Nov 2019	0908_FCD4_SW_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.05	*0.84*	0.91	**1.75**	2.09	0.10	0.12	<0.05	<0.05	<0.2	<0.05	0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.12	<0.12	<0.05	<0.17
SW259	25 May 2020	0908_SW259_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.3*	0.66	**0.96**	1.40	0.11	0.12	0.02	<0.02	<0.1	0.03	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	13 Nov 2020	0908_SW259_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*1.63*	1.03	**2.66**	3.31	0.08	0.12	0.06	<0.02	<0.1	0.05	0.25	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	18 Dec 2020	0908_SW259_201218	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.13*	0.12	**0.25**	0.27	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012211601	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.57*	0.59	**1.16**	1.46	0.05	0.06	0.03	<0.02	<0.1	0.03	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012211701	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.57*	0.58	**1.15**	1.45	0.06	0.06	0.03	<0.02	<0.1	0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012211801	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.46*	0.48	**0.94**	1.19	0.05	0.05	0.02	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012211901	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.42*	0.41	**0.83**	1.06	0.04	0.05	0.02	<0.02	<0.1	0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012212001	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.01	*0.35*	0.32	**0.67**	0.80	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012212101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.01	*0.29*	0.28	**0.57**	0.68	0.02	0.03	<0.02	<0.02	<0.1	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012212201	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.4*	0.39	**0.79**	0.98	0.04	0.04	0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	21 Dec 2020	0908_SW259_2012212301	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.01	*0.36*	0.35	**0.71**	0.85	0.03	0.04	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220001	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.46*	0.53	**0.99**	1.26	0.05	0.05	0.03	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.48*	0.67	**1.15**	1.46	0.06	0.07	0.03	<0.02	<0.1	0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220201	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.65*	0.63	**1.28**	1.60	0.06	0.07	0.03	<0.02	<0.1	0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220301	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.58*	0.66	**1.24**	1.58	0.06	0.07	0.04	<0.02	<0.1	0.03	0.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220401	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.45*	0.51	**0.96**	1.21	0.05	0.05	0.02	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220501	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.53*	0.5	**1.03**	1.26	0.05	0.05	0.02	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220601	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.48*	0.8	**1.28**	1.67	0.07	0.08	0.04	<0.02	<0.1	0.03	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220701	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.51*	0.71	**1.22**	1.57	0.06	0.07	0.03	<0.02	<0.1	0.03	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220801	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.58*	0.81	**1.39**	1.81	0.07	0.08	0.04	<0.02	<0.1	0.03	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012220901	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.36*	0.58	**0.94**	1.22	0.05	0.06	0.03	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012221001	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.42*	0.44	**0.86**	1.05	0.04	0.04	0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012221101	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.71*	0.97	**1.68**	2.18	0.09	0.10	0.04	<0.02	<0.1	0.04	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012221201	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.68*	0.97	**1.65**	2.14	0.09	0.10	0.04	<0.02	<0.1	0.04	0.16	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012221301	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.51*	0.87	**1.38**	1.82	0.08	0.09	0.04	<0.02	<0.1	0.03	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012221401	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.62*	0.8	**1.42**	1.86	0.08	0.09	0.04	<0.02	<0.1	0.03	0.15	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	22 Dec 2020	0908_SW259_2012221501	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.53*	0.63	**1.16**	1.48	0.06	0.07	0.03	<0.02	<0.1	0.02	0.11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_210129	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.63*	0.44	**1.07**	1.36	0.04	0.04	0.03	<0.02	<0.1	0.02	0.11	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_2101291630	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*1.74*	1.16	**2.9**	3.49	0.08	0.11	0.08	<0.02	<0.1	0.04	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_2101291730	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*1.31*	0.93	**2.24**	2.81	0.08	0.10	0.06	<0.02	<0.1	0.04	0.20	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_2101291830	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*1.04*	0.76	**1.8**	2.29	0.07	0.08	0.05	<0.02	<0.1	0.04	0.16	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_2101291930	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.91*	0.64	**1.55**	1.96	0.06	0.07	0.04	<0.02	<0.1	0.03	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_2101292030	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.95*	0.65	**1.6**	2.02	0.06	0.07	0.04	<0.02	<0.1	0.03	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_2101292130	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*1.1*	0.69	**1.79**	2.23	0.06	0.07	0.05	<0.02	<0.1	0.03	0.16	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Table T6 - Historical Surface Water Analytical Results

							PFAS					**PFAS - Perfluoroalkyl Sulfonic Acids**				**PFAS - Perfluoroalkyl Carboxylic Acids**										**PFAS - (n:2) Fluorotelomer Sulfonic Acids**				**PFAS - Perfluoroalkyl Sulfonamides**							
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR							0.002	0.002	0.002	0.01	0.01	0.002	0.01	0.01	0.005	0.02	0.01	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.002	0.02	0.01	0.05	0.005	0.01	0.05
PFAS NEMP 2020 Drinking Water							**0.56**			**0.07**																										
PFAS NEMP 2020 Recreational Water							**10**			**2**																										
PFAS NEMP 2020 Freshwater 99%							*19*	*0.00023*																												
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**	**Region**																														
SW259	29 Jan 2021	0908_SW259_2101292230	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*1.07*	0.68	**1.75**	2.18	0.06	0.07	0.05	<0.02	<0.1	0.03	0.15	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	29 Jan 2021	0908_SW259_2101292330	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.95*	0.61	**1.56**	1.94	0.05	0.06	0.04	<0.02	<0.1	0.03	0.14	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300030	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.7*	0.45	**1.15**	1.41	0.04	0.05	0.03	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300130	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.62*	0.4	**1.02**	1.23	0.03	0.04	0.03	<0.02	<0.1	<0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300230	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.67*	0.48	**1.15**	1.45	0.04	0.06	0.03	<0.02	<0.1	0.02	0.10	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300330	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.83*	0.57	**1.4**	1.79	0.06	0.07	0.04	<0.02	<0.1	0.03	0.13	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300430	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.69*	0.63	**1.32**	1.68	0.06	0.06	0.03	<0.02	<0.1	0.03	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300530	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.96*	0.8	**1.76**	2.28	0.09	0.09	0.05	<0.02	<0.1	0.04	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300630	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.46*	0.38	**0.84**	1.09	0.05	0.05	0.02	<0.02	<0.1	0.02	0.09	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300730	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*1*	1.16	**2.16**	2.87	0.10	0.13	0.07	<0.02	<0.1	0.05	0.26	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300830	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*0.95*	1.16	**2.11**	2.80	0.10	0.13	0.06	<0.02	<0.1	0.05	0.26	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101300930	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*0.83*	1.01	**1.84**	2.45	0.09	0.11	0.06	<0.02	<0.1	0.05	0.22	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101301030	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*0.96*	1.1	**2.06**	2.71	0.10	0.12	0.07	<0.02	<0.1	0.05	0.23	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101301130	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*1.01*	1.15	**2.16**	2.85	0.10	0.13	0.06	<0.02	<0.1	0.05	0.25	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101301230	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*0.93*	1.13	**2.06**	2.71	0.09	0.11	0.06	<0.02	<0.1	0.05	0.25	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101301330	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.83*	0.85	**1.68**	2.17	0.07	0.09	0.05	<0.02	<0.1	0.04	0.18	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101301430	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.75*	0.77	**1.52**	1.97	0.06	0.08	0.04	<0.02	<0.1	0.03	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jan 2021	0908_SW259_2101301530	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*0.9*	0.84	**1.74**	2.25	0.07	0.09	0.05	<0.02	<0.1	0.04	0.18	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	19 Feb 2021	0908_SW259_210219	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*1.21*	0.92	**2.13**	2.70	0.09	0.08	0.06	<0.02	<0.1	0.05	0.21	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	26 Mar 2021	0908_SW259_210326	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.02	*0.43*	0.26	**0.69**	0.81	0.02	0.02	<0.02	<0.02	<0.1	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	23 Apr 2021	0908_QC100_210423	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.09	*2.94*	1.19	**4.13**	4.84	0.07	0.10	0.06	<0.02	<0.1	0.08	0.26	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	23 Apr 2021	0908_QC200_210423	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.064	*2.4*	0.87	**3.27**	3.334	0.058	0.068	0.036	<0.01	<0.05	0.06	0.18	0.035	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	0.027	<0.01	<0.01	<0.01	<0.02	<0.01	<0.05	<0.02	<0.01	<0.05
SW259	23 Apr 2021	0908_SW259_210423	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.76*	0.58	**1.34**	1.70	0.04	0.06	0.04	<0.02	<0.1	0.02	0.14	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	10 May 2021	0908_SW259_210510	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*0.85*	0.58	**1.43**	1.79	0.06	0.06	0.04	<0.02	<0.1	<0.02	0.13	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	25 Jun 2021	0908_SW259_210625	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*1.11*	0.86	**2.01**	2.51	0.07	0.09	0.05	<0.02	<0.1	0.04	0.20	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	30 Jul 2021	0908_SW259_210730	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*1.25*	0.76	**2.01**	2.52	0.06	0.07	0.06	<0.02	<0.1	0.04	0.19	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	20 Aug 2021	0908_SW259_210820	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*0.88*	0.7	**1.58**	2.05	0.06	0.08	0.05	<0.02	<0.1	0.04	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	27 Sep 2021	0908_SW259_210927	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.05	*1.32*	0.78	**2.1**	2.71	0.09	0.10	0.05	<0.02	<0.1	0.04	0.24	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	25 Oct 2021	0908_SW259_211025	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.08	*1.32*	1	**2.32**	3.08	0.10	0.12	0.07	<0.02	<0.1	0.06	0.29	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	26 Nov 2021	0908_SW259_211126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.03	*0.66*	0.53	**1.19**	1.62	0.08	0.06	0.03	<0.02	<0.1	0.04	0.17	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	27 May 2022	0908_SW259_220527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.85*	0.43	**1.28**	1.54	0.03	0.04	0.03	<0.02	<0.1	0.02	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	15 Nov 2022	0908_SW259_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	Region 3	0.06	*1.2*	0.78	**2.01**	2.47	0.06	0.08	0.05	<0.02	<0.1	0.04	0.17	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	16 May 2023	0908_SW259_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	0.04	*0.82*	0.87	**1.69**	2.12	0.08	0.09	0.05	<0.02	<0.1	0.03	0.14	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW259	27 Nov 2023	0908_SW259_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	Region 3	<0.01	*0.04*	0.03	0.07	0.07	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW600	25 Nov 2022	0908_SW600_221125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	-	0.06	*1.42*	0.69	**2.11**	2.65	0.06	0.07	0.05	<0.02	<0.1	0.06	0.19	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW600	15 May 2023	0908_SW600_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	-	0.06	*1.36*	1.24	**2.6**	3.37	0.15	0.16	0.07	<0.02	<0.1	0.06	0.23	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05
SW600	27 Nov 2023	0908_SW600_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	-	0.02	*0.4*	0.28	**0.68**	0.83	0.03	0.03	<0.02	<0.02	<0.1	<0.02	0.07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

Notes

LOR	Limit of Reporting
Normal	Primary sample
Field_D	Intra-laboratory duplicate sample
Interlab_D	Inter-laboratory duplicate sample
*	Foam sample collected from surface water location

Table T7 - Historical Sediment Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
SD001	18 Jun 2014	MD1_SEDIMENT	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.005	0.17	<0.005	0.17	0.17	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD001	13 Jan 2016	MD1_SD_13012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0005	0.0015	-	0.0015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD001	14 Dec 2016	MD1_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0774	0.0143	0.0917	0.103	0.0013	0.0015	0.002	<0.0002	<0.001	<0.0002	0.002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	14 Dec 2016	QC601_20161214	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.096	0.0213	0.117	0.133	0.0015	0.0022	0.0019	<0.0002	<0.001	<0.0002	0.0049	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	14 Dec 2016	QC601_20161214	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	0.1173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD001	14 Dec 2016	QC701_20161214	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0031	0.076	0.0065	0.0825	0.0825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	-
SD001	12 Apr 2018	MD1_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0022	0.0002	0.0024	0.0024	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	06 Dec 2018	0908_MD1_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.146	0.0096	0.1556	0.184	0.0037	0.0012	<0.0002	0.0015	<0.001	0.0005	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	0.0011	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD001	06 Dec 2018	0908_MD1_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	0.156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD001	14 Jun 2019	0908_MD1_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0014	0.13	0.0144	0.144	0.165	0.0009	0.0011	0.0029	0.0045	<0.001	0.0012	0.0029	0.0006	<0.0002	<0.0002	<0.0002	0.0016	0.0017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	14 Jun 2019	0908_MD1_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	0.1444	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD001	05 Nov 2019	0908_MD1_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0006	0.0974	0.0086	0.106	0.108	<0.0002	<0.0002	0.0009	<0.0002	<0.001	<0.0002	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	02 Jun 2020	0908_SD001_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0010	0.0239	0.0018	0.0257	0.0257	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
SD001	20 Nov 2020	0908_QC103_201120	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0004	0.0401	0.0058	0.0459	0.0478	0.0002	0.0003	0.0004	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	20 Nov 2020	0908_QC203_201120	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.001	0.044	0.014	0.058	0.058	<0.001	<0.001	<0.001	<0.001	0.003	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SD001	20 Nov 2020	0908_SD001_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0004	0.0393	0.0057	0.045	0.0471	0.0003	0.0003	0.0004	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	11 May 2021	0908_SD001_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0004	0.0787	0.0076	0.0863	0.0916	0.0003	0.0005	0.0019	<0.0002	<0.001	<0.0002	0.0005	<0.0002	0.0004	<0.0002	<0.0002	0.0003	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	19 Nov 2021	0908_QC115_211119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0191	0.0023	0.0214	0.0214	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	19 Nov 2021	0908_QC215_211119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0001	0.011	0.0007	0.012	0.013	<0.0001	<0.0001	0.0001	0.0004	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD001	19 Nov 2021	0908_SD001_211119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0003	0.0207	0.0031	0.0238	0.0260	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	18 May 2022	0908_SD001_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0014	0.0002	0.0016	0.0016	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	08 Nov 2022	0908_SD001_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0936	0.0082	0.102	0.107	0.0006	0.0006	<0.0002	<0.0002	<0.001	<0.0002	0.0012	0.0006	<0.0002	<0.0002	<0.0002	0.0012	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD001	08 May 2023	0908_SD001_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.0010	0.142	0.0073	0.149	0.154	<0.0002	<0.0002	0.0017	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	0.0012	<0.0005	<0.0005
SD001	21 Nov 2023	0908_SD001_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.0007	0.143	0.0093	0.152	0.157	0.0006	0.0006	0.0003	0.0005	<0.001	0.0007	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	19 Jun 2014	MD5_SEDIMENT	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD005	25 Jan 2016	MD5_SD_25012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	<0.0005	-	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD005	20 Dec 2016	MD5_SED_161220	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.003	0.0052	0.0082	0.0102	0.0006	<0.0002	0.0004	<0.0002	<0.001	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	0.0007	<0.0005	<0.0005
SD005	12 Apr 2018	MD5_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0012	<0.0002	0.0012	0.0016	<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	<0.0005	<0.0005	<0.0005	<0.0005
SD005	12 Apr 2018	MD5_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	0.0014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD005	06 Dec 2018	0908_MD5_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0019	0.0003	0.0022	0.0026	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	13 Jun 2019	0908_MD5_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SD005	06 Nov 2019	0908_MD5_SD_191106	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	04 Jun 2020	0908_SD005_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0032	0.0006	0.0038	0.0038	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	20 Nov 2020	0908_SD005_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0010	0.032	0.0015	0.0335	0.0380	<0.0002	<0.0002	0.0002	<0.0002	<0.001	0.0011	0.0017	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	11 May 2021	0908_SD005_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0105	0.0008	0.0113	0.0113	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	17 Nov 2021	0908_SD005_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0117	0.002	0.0137	0.0137	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	18 May 2022	0908_SD005_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.001	<0.0002	0.001	0.0010	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	08 Nov 2022	0908_SD005_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0011	0.0417	0.0023	0.044	0.0489	0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0012	0.0020	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	09 May 2023	0908_QC113_230509	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0116	0.0004	0.012	0.0120	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	09 May 2023	0908_QC213_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0001	0.025	0.0006	0.025	0.026	<0.0001	<0.0001	0.0002	0.0003	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD005	09 May 2023	0908_SD005_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0232	0.0007	0.0239	0.0239	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD005	21 Nov 2023	0908_SD005_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0058	0.0007	0.0065	0.0065	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	23 Jun 2014	MD6_SEDIMENT	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.005	0.018	<0.005	0.018	0.018	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD006	13 Jan 2016	MD6_SD_13012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0005	0.0185	-	0.0185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD006	14 Dec 2016	MD6_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0238	0.0015	0.0253	0.026	<0.0002	<0.0002	0.0005	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	12 Apr 2018	MD6_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0002	0.0208	0.0018	0.0226	0.023	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	06 Dec 2018	0908_MD6_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0002	0.0157	0.0021	0.0178	0.0186	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	14 Jun 2019	0908_MD6_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0729	0.004	0.0769	0.0769	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD006	05 Nov 2019	0908_MD6_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0018	<0.0002	0.0018	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	02 Jun 2020	0908_SD006_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0002	0.0988	0.0026	0.101	0.103	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0009	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	20 Nov 2020	0908_SD006_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0077	0.0003	0.008	0.0080	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	11 May 2021	0908_SD006_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0038	1.2	0.0398	1.24	1.28	0.0004	0.0009	0.0045	0.0045	<0.001	0.0092	0.0070	0.0013	0.0003	0.0006	0.0007	0.0056	<0.0002	<0.0006	<0.0005	0.0013	0.0009	<0.0005
SD006	17 Nov 2021	0908_SD006_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0004	0.131	0.0064	0.137	0.140	<0.0002	<0.0002	0.0004	0.0004	<0.001	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	18 May 2022	0908_SD006_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0296	0.001	0.0306	0.0308	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	08 Nov 2022	0908_SD006_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.336	0.0034	0.339	0.346	<0.0002	<0.0002	<0.0002	0.0025	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0019	<0.0002	0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	08 May 2023	0908_SD006_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.0004	0.2	0.0075	0.208	0.211	<0.0002	0.0002	0.0008	<0.0002	<0.001	0.0004	0.0007	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD006	21 Nov 2023	0908_SD006_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.0006	0.859	0.0239	0.883	0.905	0.0004	0.0003	0.0030	0.0082	<0.001	0.0016	0.0012	<0.0002	<0.0002	<0.0002	<0.0002	0.0042	0.0007	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD007	13 Jan 2016	MD7_SD_13012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0005	<0.0005	-	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD007	14 Dec 2016	MD7_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.001	0.0003	0.0013	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	12 Apr 2018	MD7_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0031	0.0004	0.0035	0.0035	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
SD001	18 Jun 2014	MD1_SEDIMENT	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.005	<0.005	-	-	<0.005	-	-
SD001	13 Jan 2016	MD1_SD_13012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD001	14 Dec 2016	MD1_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0036	<0.0005	0.0003	<0.0005	<0.0005	<0.0002	<0.0005
SD001	14 Dec 2016	QC601_20161214	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0045	<0.0005	0.0005	<0.0005	<0.0005	<0.0002	<0.0005
SD001	14 Dec 2016	QC601_20161214	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD001	14 Dec 2016	QC701_20161214	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD001	12 Apr 2018	MD1_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	06 Dec 2018	0908_MD1_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0182	<0.0006	<0.0002	<0.0006	<0.0006	0.0004	<0.0006
SD001	06 Dec 2018	0908_MD1_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD001	14 Jun 2019	0908_MD1_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0014	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	14 Jun 2019	0908_MD1_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD001	05 Nov 2019	0908_MD1_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	02 Jun 2020	0908_SD001_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0010	<0.0025	<0.0010	<0.0025	<0.0025	<0.0010	<0.0025
SD001	20 Nov 2020	0908_QC103_201120	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	20 Nov 2020	0908_QC203_201120	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD001	20 Nov 2020	0908_SD001_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	11 May 2021	0908_SD001_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0010	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	19 Nov 2021	0908_QC115_211119	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	19 Nov 2021	0908_QC215_211119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD001	19 Nov 2021	0908_SD001_211119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	18 May 2022	0908_SD001_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	08 Nov 2022	0908_SD001_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0013	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	08 May 2023	0908_SD001_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD001	21 Nov 2023	0908_SD001_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	19 Jun 2014	MD5_SEDIMENT	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.005	<0.005	-	-	<0.005	-	-
SD005	25 Jan 2016	MD5_SD_25012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD005	20 Dec 2016	MD5_SED_161220	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	12 Apr 2018	MD5_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	12 Apr 2018	MD5_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD005	06 Dec 2018	0908_MD5_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	13 Jun 2019	0908_MD5_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	06 Nov 2019	0908_MD5_SD_191106	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	04 Jun 2020	0908_SD005_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	20 Nov 2020	0908_SD005_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	11 May 2021	0908_SD005_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	17 Nov 2021	0908_SD005_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	18 May 2022	0908_SD005_220518	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	08 Nov 2022	0908_SD005_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	09 May 2023	0908_QC113_230509	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	09 May 2023	0908_QC213_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD005	09 May 2023	0908_SD005_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD005	21 Nov 2023	0908_SD005_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	23 Jun 2014	MD6_SEDIMENT	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.005	<0.005	-	-	<0.005	-	-
SD006	13 Jan 2016	MD6_SD_13012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD006	14 Dec 2016	MD6_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	12 Apr 2018	MD6_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	06 Dec 2018	0908_MD6_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	14 Jun 2019	0908_MD6_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD006	05 Nov 2019	0908_MD6_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	02 Jun 2020	0908_SD006_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	20 Nov 2020	0908_SD006_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	11 May 2021	0908_SD006_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0038	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD006	17 Nov 2021	0908_SD006_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	18 May 2022	0908_SD006_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	08 Nov 2022	0908_SD006_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0011	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	08 May 2023	0908_SD006_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD006	21 Nov 2023	0908_SD006_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.0015	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD007	13 Jan 2016	MD7_SD_13012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD007	14 Dec 2016	MD7_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	12 Apr 2018	MD7_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
SD007	12 Apr 2018	QC100_SED_12042018	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0021	0.0002	0.0023	0.0023	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	12 Apr 2018	QC200_SED_12042018	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.001	0.0035	<0.001	0.0045	0.0035	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SD007	06 Dec 2018	0908_MD7_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0241	0.0014	0.0255	0.0257	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	14 Jun 2019	0908_MD7_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.011	0.0002	0.0112	0.0112	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	05 Nov 2019	0908_MD7_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0249	0.001	0.0259	0.0259	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	02 Jun 2020	0908_SD007_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0066	0.0006	0.0072	0.0072	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	20 Nov 2020	0908_SD007_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0156	0.0005	0.0161	0.0161	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	11 May 2021	0908_SD007_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0068	0.0005	0.0073	0.0073	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	16 Nov 2021	0908_SD007_211116	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0471	0.0011	0.0482	0.0487	<0.0002	<0.0002	<0.0002	0.0003	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	18 May 2022	0908_SD007_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.005	0.0006	0.0056	0.0056	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	08 Nov 2022	0908_SD007_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0088	0.0009	0.0097	0.0097	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	08 May 2023	0908_SD007_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.0383	0.0007	0.039	0.0395	<0.0002	<0.0002	<0.0002	0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD007	21 Nov 2023	0908_SD007_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.015	0.001	0.016	0.0160	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	28 Jan 2016	MD8_SD_28012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0005	<0.0005	-	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD009	14 Dec 2016	MD8_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0004	0.0868	0.0116	0.0984	0.103	0.0006	0.0007	0.0021	<0.0002	<0.001	<0.0002	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	01 May 2018	MD8_SED_01052018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0003	0.0702	0.0105	0.0807	0.0867	<0.0002	0.0003	0.0009	0.0024	<0.001	<0.0002	0.0003	<0.0002	<0.0002	0.0003	0.0003	0.0003	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	07 Dec 2018	0908_MD8_SD_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0002	0.0006	0.0006	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	07 Dec 2018	0908_MD8_SD_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	0.0008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD009	13 Jun 2019	0908_MD8_SD_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0016	0.0002	0.0018	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	06 Nov 2019	0908_MD8_SD_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0057	0.0005	0.0062	0.0062	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	24 Jun 2020	0908_SD009_200624	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0051	0.0003	0.0054	0.0054	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	26 Nov 2020	0908_SD009_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0002	0.0556	0.003	0.0586	0.0598	<0.0002	<0.0002	0.0005	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	11 May 2021	0908_SD009_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0247	0.0012	0.0259	0.0259	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	17 Nov 2021	0908_SD009_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0171	0.0009	0.018	0.0188	<0.0002	<0.0002	<0.0002	0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	17 May 2022	0908_QC105_220517	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0194	0.0016	0.021	0.0226	<0.0002	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	17 May 2022	0908_QC205_220517	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0001	0.035	0.0013	0.036	0.039	<0.0001	<0.0001	0.0003	0.001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD009	17 May 2022	0908_SD009_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0077	0.0004	0.0081	0.0085	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	08 Nov 2022	0908_QC107_221108	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0062	0.0008	0.007	0.0070	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	08 Nov 2022	0908_QC207_221108	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0001	0.0059	0.0005	0.0064	0.0067	<0.0001	<0.0001	<0.0001	0.0003	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD009	08 Nov 2022	0908_SD009_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0133	0.0013	0.0146	0.0159	0.0005	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	08 May 2023	0908_QC104_230508	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.0176	0.0011	0.0187	0.0195	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	08 May 2023	0908_QC204_230508	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0001	0.028	0.0015	0.029	0.03	<0.0001	<0.0001	0.0003	0.0003	<0.0002	<0.0002	0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.002	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD009	08 May 2023	0908_SD009_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.0131	0.0008	0.0139	0.0146	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD009	21 Nov 2023	0908_SD009_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.0112	0.0007	0.0119	0.0119	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	12 Feb 2016	MD10_SD_12022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0005	0.0006	-	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.001	-
SD011	12 Feb 2016	QC103_SD_12022016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0005	0.0006	-	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.001	-
SD011	13 Feb 2017	MD10_SED_130217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0028	0.0005	0.0033	0.0033	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	07 Dec 2018	0908_MD10_SD_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0002	0.0154	0.0015	0.0169	0.0187	<0.0002	<0.0002	<0.0002	0.0002	0.0002	<0.001	0.0003	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	13 Jun 2019	0908_MD10_SD_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	0.0084	0.0006	0.009	0.009	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	06 Nov 2019	0908_MD10_SD_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0065	0.0004	0.0069	0.0069	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	19 Jun 2020	0908_SD011_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0004	0.0359	0.0022	0.0381	0.0396	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	0.0006	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	26 Nov 2020	0908_QC107_201126	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0002	0.0651	0.0034	0.0685	0.0695	<0.0002	<0.0002	0.0005	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	26 Nov 2020	0908_QC207_201126	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.001	0.027	0.0015	0.0285	0.0285	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002
SD011	26 Nov 2020	0908_SD011_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0003	0.125	0.0133	0.138	0.160	0.0016	0.0006	0.0013	0.0085	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	26 May 2021	0908_SD011_110526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	0.0217	0.0007	0.0224	0.0224	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0020	<0.0020	<0.0020	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	11 May 2023	0908_SD011_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.0396	0.0011	0.0407	0.0410	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	28 Nov 2023	0908_QC113_231128	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.0191	0.0007	0.0198	0.0211	0.0010	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD011	28 Nov 2023	0908_QC213_231128	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0001	0.018	0.0008	0.019	0.019	<0.0001	<0.0001	0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0025	<0.005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD011	28 Nov 2023	0908_SD011_231128	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	0.02	0.0007	0.0207	0.0210	<0.0002	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	20 Dec 2016	MD14_SED_161220	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0024	<0.0002	0.0024	0.0229	0.0147	0.0031	0.0003	0.0009	<0.001	0.0015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	12 Apr 2018	MD14_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0002	<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	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	12 Apr 2018	MD14_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	0.0004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD014	06 Dec 2018	0908_MD14_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0017	<0.0002	0.0017	0.0021	<0.0002	<0.0002	<0.0002	0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	06 Dec 2018	0908_MD14_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	0.0019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD014	13 Jun 2019	0908_MD14_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0011	<0.0002	0.0011	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	13 Jun 2019	0908_MD14_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	0.0013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD014	13 Jun 2019	0908_QC120_190613	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0004	<0.0002	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	13 Jun 2019	0908_QC120_190613	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD014	13 Jun 2019	0908_QC220_190613	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.001	0.0028	<0.001	0.0038	0.0028	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002
SD014	05 Nov 2019	0908_MD14_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0011	<0.0002	0.0011	0.0017	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
SD007	12 Apr 2018	QC100_SED_12042018	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	12 Apr 2018	QC200_SED_12042018	Interlab_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD007	06 Dec 2018	0908_MD7_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	14 Jun 2019	0908_MD7_SD_190614	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	05 Nov 2019	0908_MD7_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	02 Jun 2020	0908_SD007_200602	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	20 Nov 2020	0908_SD007_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	11 May 2021	0908_SD007_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	16 Nov 2021	0908_SD007_211116	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	18 May 2022	0908_SD007_220518	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	08 Nov 2022	0908_SD007_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	08 May 2023	0908_SD007_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD007	21 Nov 2023	0908_SD007_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	28 Jan 2016	MD8_SD_28012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD009	14 Dec 2016	MD8_SED_20161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	01 May 2018	MD8_SED_01052018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	0.0009	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	07 Dec 2018	0908_MD8_SD_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	07 Dec 2018	0908_MD8_SD_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD009	13 Jun 2019	0908_MD8_SD_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	06 Nov 2019	0908_MD8_SD_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	24 Jun 2020	0908_SD009_200624	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	26 Nov 2020	0908_SD009_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	11 May 2021	0908_SD009_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	17 Nov 2021	0908_SD009_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	17 May 2022	0908_QC105_220517	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0013	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	17 May 2022	0908_QC205_220517	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.002	<0.001	<0.0002	<0.001	<0.001	<0.0004	<0.005
SD009	17 May 2022	0908_SD009_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0004	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	08 Nov 2022	0908_QC107_221108	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	08 Nov 2022	0908_QC207_221108	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD009	08 Nov 2022	0908_SD009_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	08 May 2023	0908_QC104_230508	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.0006	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	08 May 2023	0908_QC204_230508	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.005
SD009	08 May 2023	0908_SD009_230508	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	0.0004	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD009	21 Nov 2023	0908_SD009_231121	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	12 Feb 2016	MD10_SD_12022016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD011	12 Feb 2016	QC103_SD_12022016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	-	-	-	-	-	-	-
SD011	13 Feb 2017	MD10_SED_130217	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	07 Dec 2018	0908_MD10_SD_181207	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	13 Jun 2019	0908_MD10_SD_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	06 Nov 2019	0908_MD10_SD_191106	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	19 Jun 2020	0908_SD011_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	26 Nov 2020	0908_QC107_201126	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	26 Nov 2020	0908_QC207_201126	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD011	26 Nov 2020	0908_SD011_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	0.0094	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	26 May 2021	0908_SD011_110526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone B	<0.0020	<0.0050	<0.0020	<0.0050	<0.0050	<0.0002	<0.0050
SD011	11 May 2023	0908_SD011_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	28 Nov 2023	0908_QC113_231128	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD011	28 Nov 2023	0908_QC213_231128	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.005	<0.005	<0.002	<0.005	<0.005	<0.0002	<0.01
SD011	28 Nov 2023	0908_SD011_231128	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone B	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	20 Dec 2016	MD14_SED_161220	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	12 Apr 2018	MD14_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	12 Apr 2018	MD14_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD014	06 Dec 2018	0908_MD14_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	06 Dec 2018	0908_MD14_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD014	13 Jun 2019	0908_MD14_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	13 Jun 2019	0908_MD14_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD014	13 Jun 2019	0908_QC120_190613	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	13 Jun 2019	0908_QC120_190613	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD014	13 Jun 2019	0908_QC220_190613	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD014	05 Nov 2019	0908_MD14_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0006	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Table T7 - Historical Sediment Analytical Results

								PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
								Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR								0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																								
SD014	04 Jun 2020	0908_SD014_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.0002	0.0093	0.0008	0.0101	0.0109	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	26 Nov 2020	0908_QC109_201126	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.0002	0.0154	0.0008	0.0162	0.0171	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	26 Nov 2020	0908_QC209_201126	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.001	0.037	0.0026	0.0396	0.0396	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SD014	26 Nov 2020	0908_SD014_201126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.0002	0.0496	0.0028	0.0524	0.0524	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD014	11 May 2021	0908_SD014_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		0.0002	0.0705	0.0053	0.0758	0.0787	<0.0002	0.0003	0.0006	0.0002	<0.001	<0.0002	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	17 Nov 2021	0908_QC212_211117	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		0.0004	0.059	0.0063	0.065	0.068	0.0001	0.0002	0.0007	<0.0002	0.0003	0.0004	0.0007	0.0002	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD014	17 Nov 2021	0908_SD014_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		0.0005	0.0894	0.0083	0.0977	0.102	0.0006	0.0004	0.0006	<0.0002	<0.001	0.0004	0.0010	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	16 May 2022	0908_SD014_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.0002	0.0039	0.0002	0.0041	0.0044	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	07 Nov 2022	0908_QC104_221107	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.0002	0.0255	0.002	0.0275	0.0275	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	07 Nov 2022	0908_QC204_221107	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.0001	0.0096	0.0004	0.01	0.01	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD014	07 Nov 2022	0908_SD014_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C		<0.0002	0.0508	0.002	0.0528	0.0544	<0.0002	<0.0002	0.0005	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD014	09 May 2023	0908_QC207_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.0005	0.024	0.0011	0.025	0.025	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.0005	<0.0005	<0.001	<0.001
SD014	09 May 2023	0908_SD014_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.0002	0.0291	0.001	0.0301	0.0301	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD014	21 Nov 2023	0908_SD014_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C		<0.0002	0.0565	0.0025	0.059	0.0686	0.0049	<0.0002	<0.0002	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD019	30 Jan 2017	TC12_SED_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D		<0.0002	0.0245	0.0025	0.027	0.0273	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005
SD019	12 Apr 2018	TC12_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D		<0.0002	0.0035	<0.0002	0.0035	0.0035	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005
SD019	12 Apr 2018	TC12_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D		-	-	-	0.0037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD019	06 Dec 2018	0908_TC12_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D		<0.0002	<0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SD019	07 Nov 2019	0908_TC12_SD_191107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0006	<0.0002	0.0006	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	26 May 2020	0908_SD019_200526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0044	0.0004	0.0048	0.0048	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	12 Nov 2020	0908_SD019_201112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		0.0004	0.0117	0.0019	0.0136	0.0150	<0.0002	<0.0002	0.0002	<0.0002	<0.001	0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	10 May 2021	0908_SD019_210510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		0.0007	0.116	0.0138	0.13	0.134	0.0005	0.0007	0.0016	<0.0002	<0.001	<0.0002	0.0008	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	12 Nov 2021	0908_SD019_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0053	<0.0002	0.0053	0.0053	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	27 May 2022	0908_SD019_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0125	0.0007	0.0132	0.0132	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	14 Nov 2022	0908_SD019_221114	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		0.0008	0.0283	0.0028	0.0311	0.0342	<0.0002	<0.0002	0.0003	<0.0002	<0.001	0.0004	0.0013	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	17 May 2023	0908_SD019_230517	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D		<0.0002	0.0007	<0.0002	0.0007	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD019	28 Nov 2023	0908_SD019_231128	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D		<0.0002	0.0123	0.0008	0.0131	0.0131	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	06 Dec 2018	0908_TC6A_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D		<0.0002	0.0012	<0.0002	0.0012	0.0012	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	06 Dec 2018	0908_TC6A_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D		-	-	-	0.0014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD023	05 Nov 2019	0908_TC6a_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0059	0.0006	0.0065	0.0065	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	04 Jun 2020	0908_SD023_200604	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		0.0002	0.0101	0.0013	0.0114	0.0116	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	20 Nov 2020	0908_SD023_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.004	0.0003	0.0043	0.0043	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	11 May 2021	0908_SD023_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0163	0.0014	0.0177	0.0179	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	17 Nov 2021	0908_QC113_211117	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.001	<0.0002	0.001	0.0010	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	17 Nov 2021	0908_SD023_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.002	<0.0002	0.002	0.0020	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	17 May 2022	0908_SD023_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	08 Nov 2022	0908_SD023_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D		<0.0002	0.0186	0.0009	0.0195	0.0195	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	09 May 2023	0908_SD023_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D		<0.0002	0.0192	0.0011	0.0203	0.0206	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD023	20 Nov 2023	0908_SD023_231120	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D		<0.0002	0.0055	0.0004	0.0059	0.0059	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	21 Jan 2016	TC7_SD_21012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D		<0.0005	0.0136	0.0044	0.018	0.018	<0.0002	-	-	<0.0002	-	-	0.0007	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	-	<0.006	<0.001	-
SD024	14 Dec 2016	TC7_SED_20161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D		<0.0002	0.0006	<0.0002	0.0006	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	06 Dec 2018	0908_TC7_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D		<0.0002	0.0028	0.0003	0.0031	0.0033	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	13 Jun 2019	0908_TC7_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D		<0.0002	0.0023	0.0002	0.0025	0.0025	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	05 Nov 2019	0908_TC7_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.0002	0.0017	0.0003	0.002	0.0020	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	04 Jun 2020	0908_SD024_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		0.0005	0.0097	0.0014	0.0111	0.0119	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	20 Nov 2020	0908_SD024_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.0002	0.017	0.0011	0.0181	0.0184	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	11 May 2021	0908_SD024_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		0.0005	0.0445	0.004	0.0485	0.0501	<0.0002	<0.0002	0.0008	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	17 Nov 2021	0908_QC213_211117	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.0001	0.0028	0.0004	0.0032	0.0032	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD024	17 Nov 2021	0908_SD024_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.0002	0.0034	0.0005	0.0039	0.0039	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	16 May 2022	0908_SD024_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.0002	0.0031	0.0012	0.0043	0.0043	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	08 Nov 2022	0908_SD024_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D		<0.0002	0.084	0.0059	0.0899	0.0902	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	09 May 2023	0908_SD024_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D		<0.0002	0.0731	0.0025	0.0756	0.0764	<0.0002	<0.0002	0.0008	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD024	20 Nov 2023	0908_SD024_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D		0.0017	0.0248	0.0008	0.0256	0.0286	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	0.0007	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	17 Nov 2014	BD03_SD01_171114	Normal	NSW_0908_PFAS	On Base	-		<0.005	0.015	0.017	0.032	0.032	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD047	17 Nov 2014	QC100_171114	Field_D	NSW_0908_PFAS	On Base	-		<0.005	0.053	0.012	0.065	0.065	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD047	14 Jan 2016	BD03_SD_14012016	Normal	NSW_0908_PFAS	On Base	-		0.0016	0.0377	0.0122	0.0499	0.0499	<0.0002	-	-	0.0017	-	-	0.0007	0.0006	0.0004	0.0003	<0.0002	<0.0002	<0.0002	<0.001	-	<0.005	<0.001	-
SD047	14 Sep 2016	BD03_0.0-0.1_140916	Normal	NSW_0908_PFAS	On Base	-		<0.0005	0.012	0.00052	0.01252	0.01252	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
SD047	14 Sep 2016	BD03_0.3-0.4_140916	Normal	NSW_0908_PFAS	On Base	-		<0.0005	0.017	0.00061	0.01761	0.01761	<0.0005	<0.0005	<0.0005	0.00057	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
SD047	16 Dec 2016	BD03_SED_161216	Normal	NSW_0908_PFAS	On Base	-		0.0002	0.0285	0.0046	0.0331	0.0364	0.0002	0.0003	0.0004	0.0004	<0.001	0.0006	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	12 Apr 2018	BD03_SED_13042018	Normal	NSW_0908_PFAS	On Base	-		<0.0002	0.0034	0.0005	0.0039	0.0039	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
SD014	04 Jun 2020	0908_SD014_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	26 Nov 2020	0908_QC109_201126	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	26 Nov 2020	0908_QC209_201126	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD014	26 Nov 2020	0908_SD014_201126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD014	11 May 2021	0908_SD014_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	17 Nov 2021	0908_QC212_211117	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD014	17 Nov 2021	0908_SD014_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	16 May 2022	0908_SD014_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	07 Nov 2022	0908_QC104_221107	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	07 Nov 2022	0908_QC204_221107	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD014	07 Nov 2022	0908_SD014_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0011	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD014	09 May 2023	0908_QC207_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.01	<0.01	<0.002	<0.01	<0.01	<0.002	<0.05
SD014	09 May 2023	0908_SD014_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD014	21 Nov 2023	0908_SD014_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	0.0042	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD019	30 Jan 2017	TC12_SED_300117	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	12 Apr 2018	TC12_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	12 Apr 2018	TC12_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	-	-	-	-	-	-	-
SD019	06 Dec 2018	0908_TC12_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	07 Nov 2019	0908_TC12_SD_191107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	26 May 2020	0908_SD019_200526	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	12 Nov 2020	0908_SD019_201112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	10 May 2021	0908_SD019_210510	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	12 Nov 2021	0908_SD019_211112	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	27 May 2022	0908_SD019_220527	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	14 Nov 2022	0908_SD019_221114	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	17 May 2023	0908_SD019_230517	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD019	28 Nov 2023	0908_SD019_231128	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	06 Dec 2018	0908_TC6A_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	06 Dec 2018	0908_TC6A_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone D	-	-	-	-	-	-	-
SD023	05 Nov 2019	0908_TC6a_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	04 Jun 2020	0908_SD023_200604	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	20 Nov 2020	0908_SD023_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	11 May 2021	0908_SD023_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	17 Nov 2021	0908_QC113_211117	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	17 Nov 2021	0908_SD023_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	17 May 2022	0908_SD023_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	08 Nov 2022	0908_SD023_221108	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	09 May 2023	0908_SD023_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD023	20 Nov 2023	0908_SD023_231120	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	21 Jan 2016	TC7_SD_21012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.0002	<0.001	-	<0.001	<0.001	-	<0.001
SD024	14 Dec 2016	TC7_SED_20161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	06 Dec 2018	0908_TC7_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	13 Jun 2019	0908_TC7_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	05 Nov 2019	0908_TC7_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	04 Jun 2020	0908_SD024_200604	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	20 Nov 2020	0908_SD024_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	11 May 2021	0908_SD024_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	17 Nov 2021	0908_QC213_211117	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD024	17 Nov 2021	0908_SD024_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	16 May 2022	0908_SD024_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	08 Nov 2022	0908_SD024_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	09 May 2023	0908_SD024_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD024	20 Nov 2023	0908_SD024_231120	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	17 Nov 2014	BD03_SD01_171114	Normal	NSW_0908_PFAS	On Base	-	0.007	<0.005	-	-	<0.005	-	-
SD047	17 Nov 2014	QC100_171114	Field_D	NSW_0908_PFAS	On Base	-	0.011	<0.005	-	-	<0.005	-	-
SD047	14 Jan 2016	BD03_SD_14012016	Normal	NSW_0908_PFAS	On Base	-	0.0007	<0.001	-	<0.001	<0.001	-	<0.001
SD047	14 Sep 2016	BD03_0.0-0.1_140916	Normal	NSW_0908_PFAS	On Base	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	14 Sep 2016	BD03_0.3-0.4_140916	Normal	NSW_0908_PFAS	On Base	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	16 Dec 2016	BD03_SED_161216	Normal	NSW_0908_PFAS	On Base	-	0.0009	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	12 Apr 2018	BD03_SED_13042018	Normal	NSW_0908_PFAS	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Table T7 - Historical Sediment Analytical Results

								PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
								Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR								0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																								
SD047	07 Dec 2018	0908_BD03_SD_181207	Normal	NSW_0908_PFAS	On Base	-		0.0005	0.0187	0.0033	0.022	0.0257	<0.0002	0.0002	0.0003	0.0002	<0.001	<0.0002	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	14 Jun 2019	0908_BD03_SD_190614	Normal	NSW_0908_PFAS	On Base	-		0.0006	0.0431	0.0033	0.0464	0.0527	0.0005	0.0003	0.0004	0.0018	<0.001	0.0002	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	06 Nov 2019	0908_BD04_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0006	0.0005	0.0011	0.0014	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	22 May 2020	0908_SD047_200522	Normal	NSW_0908_PFASOMP	On Base	-		0.0014	0.131	0.0102	0.141	0.162	0.0027	0.0007	0.0015	0.0015	<0.001	0.0007	0.0023	0.0005	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	27 Nov 2020	0908_SD047_201127	Normal	NSW_0908_PFASOMP	On Base	-		0.0013	0.0542	0.0074	0.0616	0.0798	0.0038	0.0004	0.0011	0.0008	0.001	0.0006	0.0017	0.0004	<0.0002	0.0009	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	11 May 2021	0908_SD047_210511	Normal	NSW_0908_PFASOMP	On Base	-		0.0003	0.0416	0.0083	0.0499	0.0561	0.0013	0.0002	0.0003	0.0005	<0.001	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	16 Nov 2021	0908_SD047_211116	Normal	NSW_0908_PFASOMP	On Base	-		0.0011	0.364	0.0186	0.383	0.408	0.0011	0.0012	0.0019	0.0051	<0.001	<0.0002	0.0030	0.0006	<0.0002	<0.0002	<0.0002	0.0007	0.0007	0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD047	19 May 2022	0908_SD047_220519	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0016	0.0002	0.0018	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	10 Nov 2022	0908_SD047_221110	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0264	0.001	0.0274	0.0276	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	10 May 2023	0908_SD047_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.0002	0.0057	0.0008	0.0065	0.0067	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD047	23 Nov 2023	0908_SD047_231123	Normal	NSW_0908_PFASOMP_23	On Base	-		0.0002	0.0713	0.0036	0.0749	0.0760	<0.0002	<0.0002	0.0003	<0.0002	<0.001	0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	17 Nov 2014	BD04_SD01_171114	Normal	NSW_0908_PFAS	On Base	-		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD048	20 Jan 2016	BD04_SD_20012016	Normal	NSW_0908_PFAS	On Base	-		<0.0005	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD048	16 Dec 2016	BD04_SED_161216	Normal	NSW_0908_PFAS	On Base	-		<0.0002	0.0009	0.0004	0.0013	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	12 Apr 2018	BD04_SED_13042018	Normal	NSW_0908_PFAS	On Base	-		<0.0002	0.0004	0.0005	0.0009	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	07 Dec 2018	0908_BD04_SD_181207	Normal	NSW_0908_PFAS	On Base	-		<0.0002	0.0005	0.0003	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	14 Jun 2019	0908_BD04_SD_190614	Normal	NSW_0908_PFAS	On Base	-		0.0003	0.0035	0.0015	0.005	0.0053	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	22 May 2020	0908_SD048_200522	Normal	NSW_0908_PFASOMP	On Base	-		0.0003	0.0018	0.0013	0.0031	0.0036	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	27 Nov 2020	0908_SD048_201127	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0012	0.0006	0.0018	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	11 May 2021	0908_SD048_210511	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	16 Nov 2021	0908_SD048_211116	Normal	NSW_0908_PFASOMP	On Base	-		0.0002	0.0039	0.0019	0.0058	0.0067	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	19 May 2022	0908_SD048_220519	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0033	0.0014	0.0047	0.0058	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0004	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	10 Nov 2022	0908_SD048_221110	Normal	NSW_0908_PFASOMP	On Base	-		0.0006	0.0103	0.004	0.0143	0.0174	<0.0002	0.0002	<0.0002	<0.0002	<0.001	0.0010	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	10 May 2023	0908_SD048_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.0002	0.0026	0.0008	0.0034	0.0034	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	22 Nov 2023	0908_QC110_231122	Field_D	NSW_0908_PFASOMP_23	On Base	-		0.0003	0.0156	0.003	0.0186	0.0189	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD048	22 Nov 2023	0908_QC210_231122	Interlab_D	NSW_0908_PFASOMP_23	On Base	-		0.0003	0.0085	0.0018	0.01	0.011	<0.0001	0.0001	0.0003	<0.0002	<0.0002	<0.0002	0.0002	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD048	22 Nov 2023	0908_SD048_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.0002	0.0021	0.0005	0.0026	0.0026	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	23 Jun 2014	DD1_SEDIMENT	Normal	NSW_0908_PFAS	On Base	-		<0.005	0.008	<0.005	0.008	0.008	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD055	26 Jun 2014	QC6_SEDIMENT	Interlab_D	NSW_0908_PFAS	On Base	-		<0.0005	0.0039	0.0003	0.0042	0.0042	<0.0002	-	-	0.0006	-	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	-	<0.005	<0.001	-
SD055	14 Jan 2016	DD1_SD_14012016	Normal	NSW_0908_PFAS	On Base	-		<0.0005	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD055	16 Dec 2016	DD1_SED_161216	Normal	NSW_0908_PFAS	On Base	-		<0.0002	0.0055	0.0015	0.007	0.007	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	12 Apr 2018	DD1_SED_13042018	Normal	NSW_0908_PFAS	On Base	-		<0.0002	0.0011	0.0007	0.0018	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	07 Dec 2018	0908_DD1_SD_181207	Normal	NSW_0908_PFAS	On Base	-		0.0004	0.0042	0.0062	0.0104	0.0136	<0.0002	0.0002	<0.0002	0.0009	<0.001	<0.0002	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	13 Jun 2019	0908_DD1_SD_190613	Normal	NSW_0908_PFAS	On Base	-		<0.0002	0.003	0.0004	0.0034	0.0055	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	05 Nov 2019	0908_DD1_SD_191105	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0008	0.0006	0.0014	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	22 May 2020	0908_SD055_200522	Normal	NSW_0908_PFASOMP	On Base	-		0.0003	0.0083	0.0009	0.0092	0.0115	<0.0002	<0.0002	<0.0002	0.0002	<0.001	0.0005	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	23 Nov 2020	0908_SD055_201123	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0022	0.0003	0.0025	0.0028	<0.0002	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	11 May 2021	0908_SD055_210511	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0136	0.0023	0.0159	0.0185	<0.0002	<0.0002	<0.0002	0.0011	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	16 Nov 2021	0908_QC109_211116	Field_D	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0048	0.0013	0.0061	0.0061	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	16 Nov 2021	0908_SD055_211116	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0038	0.0011	0.0049	0.0049	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	19 May 2022	0908_QC209_220519	Interlab_D	NSW_0908_PFASOMP	On Base	-		<0.0001	0.01	0.0006	0.011	0.011	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	0.0002	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	0.0001	<0.0002	<0.0002
SD055	19 May 2022	0908_SD055_220519	Normal	NSW_0908_PFASOMP	On Base	-		<0.0002	0.0092	0.0007	0.0099	0.0099	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	10 Nov 2022	0908_SD055_221110	Normal	NSW_0908_PFASOMP	On Base	-		0.0003	0.0323	0.0054	0.0377	0.0423	<0.0002	<0.0002	0.0002	0.0022	<0.001	0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	10 May 2023	0908_SD055_230510	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.0002	0.0137	0.0022	0.0159	0.0167	<0.0002	<0.0002	0.0003	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD055	22 Nov 2023	0908_SD055_231122	Normal	NSW_0908_PFASOMP_23	On Base	-		<0.0002	0.0019	0.0006	0.0025	0.0025	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	19 Jun 2014	DD2_SEDIMENT	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.005	0.24	0.042	0.282	0.282	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD059	14 Jan 2016	DD2_SD_14012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.0005	0.0011	-	0.0011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD059	14 Jan 2016	QC200_SD_1412016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.002	<0.002	-	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002	-	-
SD059	14 Dec 2016	DD2_SED_161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.0002	0.0066	0.001	0.0076	0.0076	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	12 Apr 2018	DD2_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.0002	0.0018	0.0003	0.0021	0.0026	<0.0002	<0.0002	<0.0002	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	06 Dec 2018	0908_DD2_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.0002	0.0006	<0.0002	0.0006	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	06 Dec 2018	0908_DD2_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		-	-	-	0.0008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD059	13 Jun 2019	0908_DD2_SD_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C		<0.0002	0.0008	0.0003	0.0011	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	05 Nov 2019	0908_DD2_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.0002	0.0153	0.0018	0.0171	0.0193	<0.0002	<0.0002	<0.0002	0.0013	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	04 Jun 2020	0908_SD059_200604	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.0002	0.0124	0.0016	0.014	0.0152	<0.0002	<0.0002	<0.0002	0.0006	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	13 Nov 2020	0908_SD059_201113	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		0.0004	0.0662	0.0006	0.0668	0.0685	<0.0002	<0.0002	0.0005	0.0008	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	11 May 2021	0908_SD059_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.0002	0.0196	0.0018	0.0214	0.0265	<0.0002	<0.0002	0.0003	0.0041	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	15 Nov 2021	0908_SD059_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.0002	0.001	<0.0002	0.001	0.0010	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	17 May 2022	0908_SD059_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.0002	0.0026	<0.0002	0.0026	0.0026	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	09 Nov 2022	0908_SD059_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.0002	0.0003	<0.0002	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
SD047	07 Dec 2018	0908_BD03_SD_181207	Normal	NSW_0908_PFAS	On Base	-	0.0017	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	14 Jun 2019	0908_BD03_SD_190614	Normal	NSW_0908_PFAS	On Base	-	0.0014	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	06 Nov 2019	0908_BD04_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	22 May 2020	0908_SD047_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.0097	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	27 Nov 2020	0908_SD047_201127	Normal	NSW_0908_PFASOMP	On Base	-	0.0062	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	11 May 2021	0908_SD047_210511	Normal	NSW_0908_PFASOMP	On Base	-	0.0026	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	16 Nov 2021	0908_SD047_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.0090	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	19 May 2022	0908_SD047_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	10 Nov 2022	0908_SD047_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	10 May 2023	0908_SD047_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD047	23 Nov 2023	0908_SD047_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	17 Nov 2014	BD04_SD01_171114	Normal	NSW_0908_PFAS	On Base	-	<0.005	<0.005	-	-	<0.005	-	-
SD048	20 Jan 2016	BD04_SD_20012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
SD048	16 Dec 2016	BD04_SED_161216	Normal	NSW_0908_PFAS	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	12 Apr 2018	BD04_SED_13042018	Normal	NSW_0908_PFAS	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	07 Dec 2018	0908_BD04_SD_181207	Normal	NSW_0908_PFAS	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	14 Jun 2019	0908_BD04_SD_190614	Normal	NSW_0908_PFAS	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	22 May 2020	0908_SD048_200522	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	27 Nov 2020	0908_SD048_201127	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	11 May 2021	0908_SD048_210511	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	16 Nov 2021	0908_SD048_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	19 May 2022	0908_SD048_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	10 Nov 2022	0908_SD048_221110	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	10 May 2023	0908_SD048_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	22 Nov 2023	0908_QC110_231122	Field_D	NSW_0908_PFASOMP_23	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD048	22 Nov 2023	0908_QC210_231122	Interlab_D	NSW_0908_PFASOMP_23	On Base	-	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD048	22 Nov 2023	0908_SD048_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	23 Jun 2014	DD1_SEDIMENT	Normal	NSW_0908_PFAS	On Base	-	<0.005	<0.005	-	-	<0.005	-	-
SD055	26 Jun 2014	QC6_SEDIMENT	Interlab_D	NSW_0908_PFAS	On Base	-	<0.0002	<0.001	-	<0.001	<0.001	-	<0.001
SD055	14 Jan 2016	DD1_SD_14012016	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
SD055	16 Dec 2016	DD1_SED_161216	Normal	NSW_0908_PFAS	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	12 Apr 2018	DD1_SED_13042018	Normal	NSW_0908_PFAS	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	07 Dec 2018	0908_DD1_SD_181207	Normal	NSW_0908_PFAS	On Base	-	0.0008	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	13 Jun 2019	0908_DD1_SD_190613	Normal	NSW_0908_PFAS	On Base	-	0.0021	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	05 Nov 2019	0908_DD1_SD_191105	Normal	NSW_0908_PFASOMP	On Base	-	0.0004	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	22 May 2020	0908_SD055_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.0009	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	23 Nov 2020	0908_SD055_201123	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	11 May 2021	0908_SD055_210511	Normal	NSW_0908_PFASOMP	On Base	-	0.0008	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	16 Nov 2021	0908_QC109_211116	Field_D	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	16 Nov 2021	0908_SD055_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	19 May 2022	0908_QC209_220519	Interlab_D	NSW_0908_PFASOMP	On Base	-	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD055	19 May 2022	0908_SD055_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	10 Nov 2022	0908_SD055_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.0009	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	10 May 2023	0908_SD055_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD055	22 Nov 2023	0908_SD055_231122	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	19 Jun 2014	DD2_SEDIMENT	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.005	<0.005	-	-	<0.005	-	-
SD059	14 Jan 2016	DD2_SD_14012016	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD059	14 Jan 2016	QC200_SD_1412016	Field_D	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD059	14 Dec 2016	DD2_SED_161214	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	12 Apr 2018	DD2_SED_12042018	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	06 Dec 2018	0908_DD2_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	06 Dec 2018	0908_DD2_SD_181206	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD059	13 Jun 2019	0908_DD2_SD_190613	Normal	NSW_0908_PFAS	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	05 Nov 2019	0908_DD2_SD_191105	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.0009	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	04 Jun 2020	0908_SD059_200604	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	13 Nov 2020	0908_SD059_201113	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	11 May 2021	0908_SD059_210511	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	0.0007	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	15 Nov 2021	0908_SD059_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	17 May 2022	0908_SD059_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	09 Nov 2022	0908_SD059_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
SD059	16 May 2023	0908_QC116_230516	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	0.0005	0.0004	0.0009	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD059	16 May 2023	0908_QC216_230516	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0001	0.0003	0.0003	0.0006	0.0006	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD059	16 May 2023	0908_SD059_230516	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	<0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SD059	23 Nov 2023	0908_SD059_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	0.0015	<0.0002	0.0015	0.0015	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	17 Jun 2014	DD3_SEDIMENT	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.005	0.098	0.039	0.137	0.137	0.027	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD060	25 Jun 2014	QC5_SEDIMENT	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD060	14 Jan 2016	DD3_SD_14012016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.0005	0.0097	0.004	0.0137	0.0137	0.0002	-	-	<0.0002	-	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	-	<0.005	<0.001	-
SD060	14 Jan 2016	QC100_SD_13012016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.0005	0.0095	-	0.0095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD060	14 Dec 2016	DD3_SED_161214	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.0036	0.339	0.0384	0.377	0.395	0.0014	0.0026	0.0058	<0.0002	<0.001	0.0003	0.0037	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD060	14 Dec 2016	DD3_SED_161214	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	0.3774	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD060	12 Apr 2018	DD3_SED_12042018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.0021	0.0839	0.0301	0.114	0.13	0.0035	0.0025	0.0034	<0.0002	<0.001	<0.0002	0.0042	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	06 Dec 2018	0908_DD3_SD_181206	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.0036	0.14	0.0664	0.206	0.239	0.0038	0.005	0.0097	<0.0002	<0.001	0.0014	0.0074	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	06 Dec 2018	0908_DD3_SD_181206	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	0.2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD060	13 Jun 2019	0908_DD3_SD_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	0.0002	0.0148	0.0042	0.019	0.021	0.0003	0.0004	0.0005	<0.0002	<0.001	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	05 Nov 2019	0908_DD3_SD_191105	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.0010	0.0971	0.0142	0.111	0.120	0.0011	0.0012	0.0023	<0.0002	<0.001	0.0004	0.0019	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	04 Jun 2020	0908_SD060_200604	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.0004	0.0194	0.0047	0.0241	0.0271	0.0006	0.0005	0.0005	<0.0002	<0.001	<0.0002	0.0010	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	20 Nov 2020	0908_SD060_201120	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	0.0257	0.0014	0.0271	0.0273	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	11 May 2021	0908_SD060_210511	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	0.0417	0.0022	0.0439	0.0452	0.0002	0.0002	0.0005	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	15 Nov 2021	0908_SD060_211115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.0014	0.0912	0.0227	0.114	0.126	0.0015	0.0016	0.0039	<0.0002	<0.001	0.0003	0.0029	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	18 May 2022	0908_SD060_220518	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.0014	0.226	0.0217	0.248	0.262	0.0015	0.0020	0.0048	<0.0002	<0.001	0.0007	0.0033	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	09 Nov 2022	0908_QC111_221109	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.0004	0.0213	0.0039	0.0252	0.0277	0.0002	0.0004	0.0006	<0.0002	<0.001	<0.0002	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	09 Nov 2022	0908_QC211_221109	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.0003	0.012	0.0025	0.014	0.016	0.0002	0.0003	0.0003	<0.0002	<0.0002	<0.0002	0.0007	0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SD060	09 Nov 2022	0908_SD060_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	0.0003	0.0149	0.0034	0.0183	0.0202	0.0002	0.0003	0.0004	<0.0002	<0.001	<0.0002	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	11 May 2023	0908_SD060_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.0002	0.0017	0.0006	0.0023	0.0023	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD060	23 Nov 2023	0908_SD060_231123	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	0.0045	1.03	0.0848	1.11	1.16	0.0034	0.0053	0.0150	<0.0002	0.002	0.0012	0.0080	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	17 Jun 2014	DD5_SEDIMENT	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.005	0.056	<0.005	0.056	0.056	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-
SD062	13 Jan 2016	DD5_SD_13012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	0.0009	-	0.0009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD062	14 Dec 2016	DD5_SED_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.001	0.0002	0.0012	0.0012	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	12 Apr 2018	DD5_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0079	0.0005	0.0084	0.0084	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	07 Dec 2018	0908_DD5_SD_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0086	0.0004	0.009	0.0094	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	07 Dec 2018	0908_QC110_SD_181207	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0066	0.0004	0.007	0.007	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	07 Dec 2018	0908_QC205_SD_181207	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.001	0.0084	<0.001	0.0094	0.0084	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.002
SD062	13 Jun 2019	0908_DD5_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0303	0.0018	0.0321	0.0321	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	06 Nov 2019	0908_DD5_SD_191106	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0054	0.0006	0.006	0.0060	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	02 Jun 2020	0908_SD062_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0004	0.08	0.006	0.086	0.0888	0.0004	0.0004	0.0010	<0.0002	<0.001	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	20 Nov 2020	0908_SD062_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0031	0.0004	0.0035	0.0035	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	11 May 2021	0908_SD062_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0312	0.0024	0.0336	0.0343	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	17 Nov 2021	0908_SD062_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0036	0.0003	0.0039	0.0039	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	16 May 2022	0908_SD062_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0004	0.0004	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	07 Nov 2022	0908_SD062_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	11 May 2023	0908_SD062_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0003	<0.0002	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD062	23 Nov 2023	0908_SD062_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0192	0.0011	0.0203	0.0203	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD072	06 Dec 2018	0908_FFD4_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0059	0.0018	0.0077	0.0077	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD072	25 May 2020	0908_SD072_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0015	0.14	0.0065	0.146	0.153	0.0004	0.0006	0.0012	<0.0002	<0.001	0.0006	0.0022	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	14 Jan 2016	TC2_SD_14012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	0.0109	-	0.0109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD079	14 Dec 2016	TC2_SED_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	12 Apr 2018	TC2_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0071	0.0011	0.0082	0.0093	<0.0002	<0.0002	0.0011	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	06 Dec 2018	0908_TC2_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0011	<0.0002	0.0011	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	06 Dec 2018	0908_TC2_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	0.0013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD079	13 Jun 2019	0908_TC2_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0063	0.0007	0.007	0.007	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	05 Nov 2019	0908_TC2_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0017	0.0004	0.0021	0.0021	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	02 Jun 2020	0908_SD079_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0003	0.0597	0.004	0.0637	0.0652	0.0002	<0.0002	0.0006	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	26 Nov 2020	0908_SD079_201126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0271	0.0056	0.0327	0.0338	0.0003	0.0003	0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	11 May 2021	0908_SD079_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0079	0.003	0.0109	0.0114	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	12 Nov 2021	0908_SD079_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0162	0.0018	0.018	0.0182	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	16 May 2022	0908_SD079_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0038	0.0006	0.0044	0.0044	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	07 Nov 2022	0908_SD079_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0483	0.007	0.0553	0.0553	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD079	09 May 2023	0908_SD079_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0363	0.0034	0.0397	0.0405	<0.0002	0.0003	0.0005	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	21 Nov 2023	0908_QC104_231121	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD079	21 Nov 2023	0908_QC204_231121	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0001	0.0008	<0.0001	0.0008	0.0008	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002

Table T7 - Historical Sediment Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
SD059	16 May 2023	0908_QC116_230516	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	16 May 2023	0908_QC216_230516	Interlab_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD059	16 May 2023	0908_SD059_230516	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD059	23 Nov 2023	0908_SD059_231123	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	17 Jun 2014	DD3_SEDIMENT	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.005	<0.005	-	-	<0.005	-	-
SD060	25 Jun 2014	QC5_SEDIMENT	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.005	<0.005	-	-	<0.005	-	-
SD060	14 Jan 2016	DD3_SD_14012016	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.0002	<0.001	-	<0.001	<0.001	-	<0.001
SD060	14 Jan 2016	QC100_SD_13012016	Field_D	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	-	-	-	-
SD060	14 Dec 2016	DD3_SED_161214	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD060	14 Dec 2016	DD3_SED_161214	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	-	-	-	-
SD060	12 Apr 2018	DD3_SED_12042018	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	06 Dec 2018	0908_DD3_SD_181206	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	06 Dec 2018	0908_DD3_SD_181206	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	-	-	-	-	-	-	-
SD060	13 Jun 2019	0908_DD3_SD_190613	Normal	NSW_0908_PFAS	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	05 Nov 2019	0908_DD3_SD_191105	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	04 Jun 2020	0908_SD060_200604	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	20 Nov 2020	0908_SD060_201120	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	11 May 2021	0908_SD060_210511	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	15 Nov 2021	0908_SD060_211115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	18 May 2022	0908_SD060_220518	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	09 Nov 2022	0908_QC111_221109	Field_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	09 Nov 2022	0908_QC211_221109	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SD060	09 Nov 2022	0908_SD060_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	11 May 2023	0908_SD060_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD060	23 Nov 2023	0908_SD060_231123	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Risk Zone A	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	17 Jun 2014	DD5_SEDIMENT	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.005	<0.005	-	-	<0.005	-	-
SD062	13 Jan 2016	DD5_SD_13012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD062	14 Dec 2016	DD5_SED_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	12 Apr 2018	DD5_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	07 Dec 2018	0908_DD5_SD_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	07 Dec 2018	0908_QC110_SD_181207	Field_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	07 Dec 2018	0908_QC205_SD_181207	Interlab_D	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD062	13 Jun 2019	0908_DD5_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	06 Nov 2019	0908_DD5_SD_191106	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	02 Jun 2020	0908_SD062_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	20 Nov 2020	0908_SD062_201120	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	11 May 2021	0908_SD062_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	17 Nov 2021	0908_SD062_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	16 May 2022	0908_SD062_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	07 Nov 2022	0908_SD062_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	11 May 2023	0908_SD062_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD062	23 Nov 2023	0908_SD062_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD072	06 Dec 2018	0908_FFD4_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD072	25 May 2020	0908_SD072_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	14 Jan 2016	TC2_SD_14012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD079	14 Dec 2016	TC2_SED_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	12 Apr 2018	TC2_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	06 Dec 2018	0908_TC2_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	06 Dec 2018	0908_TC2_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD079	13 Jun 2019	0908_TC2_SD_190613	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	05 Nov 2019	0908_TC2_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	02 Jun 2020	0908_SD079_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	26 Nov 2020	0908_SD079_201126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	11 May 2021	0908_SD079_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	12 Nov 2021	0908_SD079_211112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	16 May 2022	0908_SD079_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	07 Nov 2022	0908_SD079_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD079	09 May 2023	0908_SD079_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	21 Nov 2023	0908_QC104_231121	Field_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD079	21 Nov 2023	0908_QC204_231121	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005

Table T7 - Historical Sediment Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
SD079	21 Nov 2023	0908_SD079_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0005	<0.0002	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	13 Jan 2016	TFD1_SD_13012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	0.0095	-	0.0095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD081	14 Dec 2016	TFD1_SED_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	0.014	<0.0005	0.014	0.0145	0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0012	<0.0005	<0.0005	<0.0005	<0.0005
SD081	12 Apr 2018	TFD1_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0021	0.0004	0.0025	0.0025	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	07 Dec 2018	0908_TFD1_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	0.024	0.0015	0.0255	0.0271	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	0.0016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0012	<0.0005	<0.0005	<0.0005	<0.0005
SD081	14 Jun 2019	0908_TFD1_SD_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.019	0.0018	0.0208	0.0208	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	05 Nov 2019	0908_QC102_191105	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0005	0.0174	0.0022	0.0196	0.0196	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0012	<0.0005	<0.0005	<0.0005	<0.0005
SD081	05 Nov 2019	0908_QC202_191105	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.002	0.015	<0.005	0.015	0.015	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002	<0.005
SD081	05 Nov 2019	0908_TFD1_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0005	0.0174	0.0026	0.02	0.0200	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0012	<0.0005	<0.0005	<0.0005	<0.0005
SD081	02 Jun 2020	0908_SD081_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0007	0.0434	0.002	0.0454	0.0474	<0.0002	<0.0002	0.0006	<0.0002	<0.001	<0.0002	0.0005	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	12 Nov 2020	0908_SD081_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0002	0.0123	0.0006	0.0129	0.0134	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	11 May 2021	0908_SD081_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0037	0.0004	0.0041	0.0041	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	17 Nov 2021	0908_SD081_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0062	<0.0002	0.0062	0.0062	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	16 May 2022	0908_SD081_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0178	0.0051	0.0229	0.0229	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD081	08 Nov 2022	0908_SD081_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0005	0.0004	0.0009	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD081	11 May 2023	0908_SD081_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0038	0.0004	0.0042	0.0042	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005
SD081	23 Nov 2023	0908_SD081_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0014	<0.0002	0.0014	0.0014	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	25 Jan 2016	TFD2_SD_25012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	0.0266	-	0.0266	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD082	19 Dec 2016	TFD2_SED_161219	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0002	<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	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	12 Apr 2018	TFD2_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0104	0.0012	0.0116	0.0116	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	07 Dec 2018	0908_TFD2_SD_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0089	0.0021	0.011	0.0113	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	14 Jun 2019	0908_TFD2_SD_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.013	0.001	0.014	0.0144	<0.0002	<0.0002	<0.0002	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	07 Nov 2019	0908_TFD2_SD_191107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0036	0.0013	0.0049	0.0049	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	25 May 2020	0908_SD082_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0006	0.0653	0.0042	0.0695	0.0734	0.0003	0.0004	0.0005	0.0009	<0.001	0.0003	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	27 Nov 2020	0908_SD082_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0003	0.0317	0.0031	0.0348	0.0371	0.0004	<0.0002	0.0006	0.0006	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	20 Apr 2021	0908_QC206_210520	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.001	0.061	0.0025	0.0635	0.0635	<0.001	<0.001	<0.001	0.0013	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SD082	20 May 2021	0908_QC106_210520	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0002	0.0413	0.0034	0.0447	0.0485	<0.0002	<0.0002	0.0005	0.0024	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	20 May 2021	0908_SD082_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.042	0.0028	0.0448	0.0475	<0.0002	<0.0002	0.0004	0.0016	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD082	19 Nov 2021	0908_SD082_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0253	0.0026	0.0279	0.0291	<0.0002	<0.0002	0.0003	0.0004	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	23 Jun 2014	LC1_SEDIMENT	Normal	NSW_0908_PFAS	On Base	-	<0.005	2.3	0.34	2.64	2.64	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.011	0.27	-
SD108	14 Jan 2016	LC_SD_14012015	Normal	NSW_0908_PFAS	On Base	-	0.0028	0.144	-	0.144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD108	14 Sep 2016	LC_0.0-0.1_140916	Normal	NSW_0908_PFAS	On Base	-	<0.0005	0.062	0.00082	0.06282	0.06282	<0.0005	<0.0005	<0.0005	0.00077	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
SD108	16 Dec 2016	LC_SED_161216	Normal	NSW_0908_PFAS	On Base	-	0.0005	0.0396	0.0016	0.0412	0.0471	<0.0002	<0.0002	0.0003	0.0022	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	12 Apr 2018	LC_SED_13042018	Normal	NSW_0908_PFAS	On Base	-	0.0002	0.0216	0.0006	0.0222	0.0255	<0.0002	<0.0002	<0.0002	0.0009	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	07 Dec 2018	0908_LC_SD_181207	Normal	NSW_0908_PFAS	On Base	-	0.0002	0.0332	0.0016	0.0348	0.0384	<0.0002	<0.0002	<0.0002	0.0008	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	14 Jun 2019	0908_LC_SD_190614	Normal	NSW_0908_PFAS	On Base	-	<0.0002	0.0166	0.0005	0.0171	0.0212	<0.0002	<0.0002	<0.0002	0.0007	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	0.0016	<0.0005	<0.0005
SD108	06 Nov 2019	0908_BD03_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.0006	0.0317	0.0054	0.0371	0.0449	0.0008	0.0006	0.0004	<0.0002	<0.001	0.0008	0.0032	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	06 Nov 2019	0908_LC_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.0004	0.0499	0.0034	0.0533	0.0692	0.0003	<0.0002	0.0003	0.0010	<0.001	0.0003	0.0022	0.0002	<0.0002	<0.0002	0.0003	<0.0002	0.0003	<0.0002	<0.0005	<0.0005	0.0010	<0.0005	<0.0005
SD108	22 May 2020	0908_SD108_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.0006	0.0372	0.0019	0.0391	0.0479	<0.0002	<0.0002	0.0002	0.0010	<0.001	0.0004	0.0010	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	27 Nov 2020	0908_SD108_201127	Normal	NSW_0908_PFASOMP	On Base	-	0.0008	0.232	0.007	0.239	0.255	<0.0002	0.0003	0.0008	0.0042	0.002	0.0004	0.0011	0.0002	<0.0002	0.0002	<0.0002	0.0006	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	11 May 2021	0908_SD108_210511	Normal	NSW_0908_PFASOMP	On Base	-	0.0005	0.192	0.007	0.199	0.218	0.0003	0.0003	0.0006	0.0061	<0.001	<0.0002	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	0.0006	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	16 Nov 2021	0908_SD108_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.0005	0.181	0.0075	0.188	0.221	0.0044	0.0002	0.0007	0.0119	<0.001	<0.0002	0.0011	<0.0002	<0.0002	<0.0002	0.0003	0.0010	0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	19 May 2022	0908_QC109_220519	Field_D	NSW_0908_PFASOMP	On Base	-	<0.0002	0.0879	0.0043	0.0922	0.103	<0.0002	<0.0002	0.0004	0.0028	<0.001	<0.0002	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	19 May 2022	0908_SD108_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	0.0377	0.0016	0.0393	0.0435	<0.0002	<0.0002	<0.0002	0.0010	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	10 Nov 2022	0908_SD108_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.0002	0.114	0.0079	0.122	0.139	<0.0002	0.0004	0.0004	0.0066	<0.001	<0.0002	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	0.0010	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	10 May 2023	0908_SD108_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	0.0077	0.0003	0.008	0.0089	<0.0002	<0.0002	<0.0002	0.0006	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	23 Nov 2023	0908_SD108_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	0.0004	0.19	0.0097	0.2	0.213	<0.0002	0.0004	0.0010	0.0033	<0.001	0.0011	0.0014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	16 Dec 2016	LC_B_SED_161216	Normal	NSW_0908_PFAS	On Base	-	<0.0002	0.0096	0.0002	0.0098	0.0101	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	16 Dec 2016	QC602_SED_161216	Field_D	NSW_0908_PFAS	On Base	-	<0.0002	0.0203	0.0006	0.0209	0.0216	<0.0002	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	16 Dec 2016	QC702_SD_161216	Interlab_D	NSW_0908_PFAS	On Base	-	<0.002	0.059	0.0025	0.0615	0.0615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-
SD110	12 Apr 2018	LC_B_SED_13042018	Normal	NSW_0908_PFAS	On Base	-	0.0004	0.0112	0.0007	0.0119	0.0164	<0.0002	<0.0002	<0.0002	0.001	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	07 Dec 2018	0908_LC_B_SD_181207	Normal	NSW_0908_PFAS	On Base	-	0.0004	0.0288	0.0016	0.0304	0.0375	<0.0002	<0.0002	<0.0002	0.0006	<0.001	0.0005	0.0009	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	14 Jun 2019	0908_LC_B_SD_190614	Normal	NSW_0908_PFAS	On Base	-	0.0007	0.0548	0.0023	0.0571	0.0688	<0.0002	<0.0002	0.0002	0.0039	<0.001	0.0002	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	14 Jun 2019	0908_QC121_190614	Field_D	NSW_0908_PFAS	On Base	-	<0.0002	0.0137	0.0008	0.0145	0.0176	<0.0002	<0.0002	<0.0002	0.0011	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	14 Jun 2019	0908_QC221_190614	Interlab_D	NSW_0908_PFAS	On Base	-	<0.001	0.0081	0.0012	0.0093	0.0093	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SD110	06 Nov 2019	0908_LC_B_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.0004	0.0433	0.0026	0.0459	0.0534	0.0002	<0.0002	0.0002	0.0004	<0.001	0.0009	0.0019	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	22 May 2020	0908_SD110_200522	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	0.011	0.0007	0.0117	0.0131	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	27 Nov 2020	0908_SD110_201127	Normal	NSW_0908_PFASOMP	On Base	-	0.0005	0.0703	0.0028	0.0731	0.0810	<0.0002	<0.0002	0.0003	0.0021	<0.001	0.0007	0.0009	0.0002	<0.0002	0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	11 May 2021	0908_SD110_210511	Normal	NSW_0908_PFASOMP	On Base	-	0.0011	0.268	0.013	0.281	0.318	0.0004	0.0005	0.0015	0.0085	<0.001	<0.0002	0.0013	0.0003	<0.0002	<0.0002	<0.0002	0.0006	0.0007	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	16 Nov 2021	0908_SD110_211116	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	0.189	0.0083	0.197	0.259	0.0022	0.0003	0.0005	0.0028	<0.001	0.0012	0.0044	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
SD079	21 Nov 2023	0908_SD079_231121	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	13 Jan 2016	TFD1_SD_13012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD081	14 Dec 2016	TFD1_SED_161214	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	<0.0012	<0.0005	<0.0012	<0.0012	<0.0005	<0.0012
SD081	12 Apr 2018	TFD1_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	07 Dec 2018	0908_TFD1_SD_181206	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0005	<0.0012	<0.0005	<0.0012	<0.0012	<0.0005	<0.0012
SD081	14 Jun 2019	0908_TFD1_SD_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	05 Nov 2019	0908_QC102_191105	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0005	<0.0012	<0.0005	<0.0012	<0.0012	<0.0005	<0.0012
SD081	05 Nov 2019	0908_QC202_191105	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SD081	05 Nov 2019	0908_TFD1_SD_191105	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0005	<0.0012	<0.0005	<0.0012	<0.0012	<0.0005	<0.0012
SD081	02 Jun 2020	0908_SD081_200602	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	12 Nov 2020	0908_SD081_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	11 May 2021	0908_SD081_210511	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	17 Nov 2021	0908_SD081_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	16 May 2022	0908_SD081_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD081	08 Nov 2022	0908_SD081_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD081	11 May 2023	0908_SD081_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006
SD081	23 Nov 2023	0908_SD081_231123	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	25 Jan 2016	TFD2_SD_25012016	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	-	-	-	-	-	-	-
SD082	19 Dec 2016	TFD2_SED_161219	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	12 Apr 2018	TFD2_SED_12042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	07 Dec 2018	0908_TFD2_SD_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	14 Jun 2019	0908_TFD2_SD_190614	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	07 Nov 2019	0908_TFD2_SD_191107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	25 May 2020	0908_SD082_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	27 Nov 2020	0908_SD082_201127	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	20 Apr 2021	0908_QC206_210520	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD082	20 May 2021	0908_QC106_210520	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	20 May 2021	0908_SD082_210520	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0004	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD082	19 Nov 2021	0908_SD082_211119	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	23 Jun 2014	LC1_SEDIMENT	Normal	NSW_0908_PFAS	On Base	-	<0.005	<0.005	-	-	<0.005	-	-
SD108	14 Jan 2016	LC_SD_14012015	Normal	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
SD108	14 Sep 2016	LC_0.0-0.1_140916	Normal	NSW_0908_PFAS	On Base	-	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD108	16 Dec 2016	LC_SED_161216	Normal	NSW_0908_PFAS	On Base	-	0.0025	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	12 Apr 2018	LC_SED_13042018	Normal	NSW_0908_PFAS	On Base	-	0.0016	<0.0005	<0.0002	<0.0005	<0.0005	0.0004	<0.0005
SD108	07 Dec 2018	0908_LC_SD_181207	Normal	NSW_0908_PFAS	On Base	-	0.0022	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	14 Jun 2019	0908_LC_SD_190614	Normal	NSW_0908_PFAS	On Base	-	0.0016	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	06 Nov 2019	0908_BD03_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.0010	<0.0005	<0.0002	<0.0005	<0.0005	0.0002	<0.0005
SD108	06 Nov 2019	0908_LC_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.0096	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	22 May 2020	0908_SD108_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.0052	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	27 Nov 2020	0908_SD108_201127	Normal	NSW_0908_PFASOMP	On Base	-	0.0050	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	11 May 2021	0908_SD108_210511	Normal	NSW_0908_PFASOMP	On Base	-	0.0100	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	16 Nov 2021	0908_SD108_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.0126	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	19 May 2022	0908_QC109_220519	Field_D	NSW_0908_PFASOMP	On Base	-	0.0066	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	19 May 2022	0908_SD108_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.0029	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	10 Nov 2022	0908_SD108_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.0081	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	10 May 2023	0908_SD108_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD108	23 Nov 2023	0908_SD108_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	0.0058	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	16 Dec 2016	LC_B_SED_161216	Normal	NSW_0908_PFAS	On Base	-	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	16 Dec 2016	QC602_SED_161216	Field_D	NSW_0908_PFAS	On Base	-	0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	16 Dec 2016	QC702_SD_161216	Interlab_D	NSW_0908_PFAS	On Base	-	-	-	-	-	-	-	-
SD110	12 Apr 2018	LC_B_SED_13042018	Normal	NSW_0908_PFAS	On Base	-	0.0027	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	07 Dec 2018	0908_LC_B_SD_181207	Normal	NSW_0908_PFAS	On Base	-	0.0045	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	14 Jun 2019	0908_LC_B_SD_190614	Normal	NSW_0908_PFAS	On Base	-	0.0057	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	14 Jun 2019	0908_QC121_190614	Field_D	NSW_0908_PFAS	On Base	-	0.0016	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	14 Jun 2019	0908_QC221_190614	Interlab_D	NSW_0908_PFAS	On Base	-	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD110	06 Nov 2019	0908_LC_B_SD_191106	Normal	NSW_0908_PFASOMP	On Base	-	0.0033	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	22 May 2020	0908_SD110_200522	Normal	NSW_0908_PFASOMP	On Base	-	0.0010	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	27 Nov 2020	0908_SD110_201127	Normal	NSW_0908_PFASOMP	On Base	-	0.0028	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	11 May 2021	0908_SD110_210511	Normal	NSW_0908_PFASOMP	On Base	-	0.0211	<0.0005	0.0005	<0.0005	<0.0005	<0.0002	<0.0005
SD110	16 Nov 2021	0908_SD110_211116	Normal	NSW_0908_PFASOMP	On Base	-	0.0498	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
SD110	19 May 2022	0908_SD110_220519	Normal	NSW_0908_PFASOMP	On Base	-	<0.0002	0.2	0.0054	0.205	0.238	<0.0002	<0.0002	0.0015	0.0006	<0.001	<0.0002	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	0.0015	<0.0005	<0.0005
SD110	10 Nov 2022	0908_SD110_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.0006	0.0967	0.017	0.114	0.129	0.0007	0.0005	0.0007	0.0013	0.001	0.0023	0.0020	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	10 May 2023	0908_SD110_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	<0.0002	0.169	0.0058	0.175	0.233	<0.0002	0.0003	0.0005	0.0022	<0.001	0.0006	0.0022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD110	23 Nov 2023	0908_SD110_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	0.0019	0.517	0.0196	0.537	0.590	0.0019	<0.0005	0.0021	0.0021	<0.002	0.0006	0.0021	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0012	<0.0005	0.0020	<0.0005	<0.0005
SD158	16 May 2023	0908_SD158_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.0002	0.0042	0.0006	0.0048	0.0048	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	07 Dec 2018	0908_FC1A_SD_181207	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0071	0.0011	0.0082	0.0089	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	14 Jun 2019	0908_FC1A_SD_190614	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0039	0.0002	0.0041	0.0041	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	08 Nov 2019	0908_FC1A_SD_191108	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0003	0.0029	0.0008	0.0037	0.0042	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	12 Jun 2020	0908_QC111_200612	Field_D	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0025	0.0322	0.0048	0.037	0.0422	<0.0002	0.0003	0.0005	<0.0002	<0.001	<0.0002	0.0013	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	12 Jun 2020	0908_QC211_200612	Interlab_D	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0021	0.039	0.0043	0.0433	0.0433	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	0.0019	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SD254	12 Jun 2020	0908_SD254_200612	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0025	0.0387	0.0052	0.0439	0.0500	0.0006	0.0003	0.0006	<0.0002	<0.001	<0.0002	0.0013	0.0006	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	13 Nov 2020	0908_SD254_201113	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0044	0.037	0.0032	0.0402	0.0482	<0.0002	<0.0002	0.0006	<0.0002	<0.001	0.0004	0.0015	0.0009	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	10 May 2021	0908_SD254_210510	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0037	0.0284	0.0031	0.0315	0.0385	<0.0002	0.0002	0.0004	<0.0002	<0.001	0.0005	0.0013	0.0006	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	26 Nov 2021	0908_SD254_211126	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0015	0.0416	0.0041	0.0457	0.0494	<0.0002	<0.0002	0.0006	0.0004	<0.001	<0.0002	0.0006	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	27 May 2022	0908_SD254_220527	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0011	0.0276	0.003	0.0306	0.0339	<0.0002	<0.0002	0.0003	0.0006	<0.001	<0.0002	0.0005	<0.0002	<0.0002	0.0008	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	15 Nov 2022	0908_SD254_221115	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0005	0.0378	0.0023	0.0401	0.0423	<0.0002	<0.0002	0.0003	0.0012	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	16 May 2023	0908_SD254_230516	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	0.0007	0.0321	0.0016	0.0337	0.0346	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD254	27 Nov 2023	0908_SD254_231127	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.015	0.0008	0.0158	0.0158	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	07 Dec 2018	0908_FC1B_SD_181207	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0137	0.0003	0.014	0.0145	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	14 Jun 2019	0908_FC1B_SD_190614	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0024	0.0004	0.0028	0.0028	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	08 Nov 2019	0908_FC1B_SD_191108	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0004	0.0075	0.002	0.0095	0.0103	<0.0002	0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	12 Jun 2020	0908_SD255_200612	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0116	0.0011	0.0127	0.0127	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	13 Nov 2020	0908_SD255_201113	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0008	0.0094	0.0026	0.012	0.0134	<0.0002	<0.0002	0.0003	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	10 May 2021	0908_SD255_210510	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0023	0.0433	0.0044	0.0477	0.0522	<0.0002	<0.0002	0.0007	<0.0002	<0.001	<0.0002	0.0010	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	26 Nov 2021	0908_SD255_211126	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0154	0.0007	0.0161	0.0164	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	27 May 2022	0908_SD255_220527	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0309	0.0008	0.0317	0.0320	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	15 Nov 2022	0908_SD255_221115	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0288	0.0007	0.0295	0.0299	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	16 May 2023	0908_SD255_230516	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.018	0.0004	0.0184	0.0190	<0.0002	<0.0002	<0.0002	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD255	27 Nov 2023	0908_SD255_231127	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	0.0115	0.0007	0.0122	0.0122	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	21 Feb 2017	FCD4_SED_17022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0168	0.0005	0.0173	0.0175	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	12 Apr 2018	FCD4_SED_13042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0045	0.0007	0.0052	0.0052	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	07 Dec 2018	0908_FCD4_SD_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	0.0014	0.0005	0.0019	0.0019	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	08 Nov 2019	0908_FCD4_SD_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.001	0.0013	0.0023	0.0025	<0.0002	0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	25 May 2020	0908_SD259_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0078	0.0014	0.0092	0.0097	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	13 Nov 2020	0908_SD259_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0004	0.0111	0.0029	0.014	0.0149	<0.0002	<0.0002	0.0003	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	10 May 2021	0908_SD259_210510	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	0.0004	0.0292	0.0045	0.0337	0.0361	0.0003	0.0002	0.0004	0.0006	<0.001	<0.0002	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	26 Nov 2021	0908_SD259_211126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0006	0.0004	0.001	0.0010	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	27 May 2022	0908_SD259_220527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0016	<0.0002	0.0016	0.0016	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	15 Nov 2022	0908_SD259_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	0.0042	0.0005	0.0047	0.0047	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	16 May 2023	0908_SD259_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0068	0.0005	0.0073	0.0073	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD259	27 Nov 2023	0908_SD259_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	0.0089	0.007	0.0159	0.0165	<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	<0.0005	<0.0005	<0.0005	<0.0005
SD326	08 Nov 2019	0908_FC1C_SD_191108	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	0.0013	<0.0002	0.0013	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	12 Jun 2020	0908_SD326_200612	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	0.0003	0.0081	0.0009	0.009	0.0097	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	13 Nov 2020	0908_SD326_201113	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	0.0057	0.0006	0.0063	0.0063	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	10 May 2021	0908_SD326_210510	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	0.0011	0.0262	0.0021	0.0283	0.0319	<0.0002	<0.0002	0.0003	0.0006	<0.001	0.0004	0.0009	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	26 Nov 2021	0908_SD326_211126	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	0.0133	0.0006	0.0139	0.0143	<0.0002	<0.0002	<0.0002	0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	27 May 2022	0908_SD326_220527	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	0.0154	0.0006	0.016	0.0160	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	15 Nov 2022	0908_SD326_221115	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	0.0093	0.0005	0.0098	0.0098	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	16 May 2023	0908_SD326_230516	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	0.0102	0.0004	0.0106	0.0106	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD326	27 Nov 2023	0908_SD326_231127	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	0.0114	0.0004	0.0118	0.0118	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS - Perfluoroalkyl Sulfonamides						
							Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**							
SD110	19 May 2022	0908_SD110_220519	Normal	NSW_0908_PFASOMP	On Base	-	0.0280	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	10 Nov 2022	0908_SD110_221110	Normal	NSW_0908_PFASOMP	On Base	-	0.0054	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	10 May 2023	0908_SD110_230510	Normal	NSW_0908_PFASOMP_23	On Base	-	0.0520	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD110	23 Nov 2023	0908_SD110_231123	Normal	NSW_0908_PFASOMP_23	On Base	-	0.0398	<0.0012	<0.0005	<0.0012	<0.0012	<0.0005	<0.0012
SD158	16 May 2023	0908_SD158_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone D	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	07 Dec 2018	0908_FC1A_SD_181207	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	14 Jun 2019	0908_FC1A_SD_190614	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	08 Nov 2019	0908_FC1A_SD_191108	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	12 Jun 2020	0908_QC111_200612	Field_D	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	12 Jun 2020	0908_QC211_200612	Interlab_D	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SD254	12 Jun 2020	0908_SD254_200612	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	13 Nov 2020	0908_SD254_201113	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	10 May 2021	0908_SD254_210510	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	26 Nov 2021	0908_SD254_211126	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	27 May 2022	0908_SD254_220527	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	15 Nov 2022	0908_SD254_221115	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	16 May 2023	0908_SD254_230516	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD254	27 Nov 2023	0908_SD254_231127	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	07 Dec 2018	0908_FC1B_SD_181207	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	14 Jun 2019	0908_FC1B_SD_190614	Normal	NSW_0908_PFAS	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	08 Nov 2019	0908_FC1B_SD_191108	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	12 Jun 2020	0908_SD255_200612	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	13 Nov 2020	0908_SD255_201113	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	10 May 2021	0908_SD255_210510	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	26 Nov 2021	0908_SD255_211126	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	27 May 2022	0908_SD255_220527	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	15 Nov 2022	0908_SD255_221115	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	-	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	16 May 2023	0908_SD255_230516	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD255	27 Nov 2023	0908_SD255_231127	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	-	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	21 Feb 2017	FCD4_SED_17022017	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	12 Apr 2018	FCD4_SED_13042018	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	07 Dec 2018	0908_FCD4_SD_181207	Normal	NSW_0908_PFAS	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	08 Nov 2019	0908_FCD4_SD_191108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	25 May 2020	0908_SD259_200525	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	13 Nov 2020	0908_SD259_201113	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	10 May 2021	0908_SD259_210510	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	26 Nov 2021	0908_SD259_211126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	27 May 2022	0908_SD259_220527	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	15 Nov 2022	0908_SD259_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	16 May 2023	0908_SD259_230516	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD259	27 Nov 2023	0908_SD259_231127	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	08 Nov 2019	0908_FC1C_SD_191108	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	12 Jun 2020	0908_SD326_200612	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	13 Nov 2020	0908_SD326_201113	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	10 May 2021	0908_SD326_210510	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	26 Nov 2021	0908_SD326_211126	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	27 May 2022	0908_SD326_220527	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	15 Nov 2022	0908_SD326_221115	Normal	NSW_0908_PFASOMP	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	16 May 2023	0908_SD326_230516	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD326	27 Nov 2023	0908_SD326_231127	Normal	NSW_0908_PFASOMP_23	Other: Fullerton Cove (tidal gate outlet)	Risk Zone C	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Table T7 - Historical Sediment Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**																							
SD600	25 Nov 2022	0908_SD600_221125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C	<0.0002	0.0164	0.0014	0.0178	0.0181	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD600	15 May 2023	0908_SD600_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	0.0239	0.0007	0.0246	0.0255	<0.0002	<0.0002	<0.0002	0.0009	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SD600	27 Nov 2023	0908_SD600_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C	<0.0002	0.051	0.0016	0.0526	0.0534	<0.0002	<0.0002	0.0004	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Notes

LOR Limit of Reporting
Normal Primary sample
Field_D Intra-laboratory duplicate sample
Interlab_D Inter-laboratory duplicate sample

Table T7 - Historical Sediment Analytical Results

								PFAS - Perfluoroalkyl Sulfonamides						
								Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR								0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**HHERA Risk Zone**								
SD600	25 Nov 2022	0908_SD600_221125	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Risk Zone C		<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD600	15 May 2023	0908_SD600_230515	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SD600	27 Nov 2023	0908_SD600_231127	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Risk Zone C		<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Notes

LOR	Limit of Reporting
Normal	Primary sample
Field_D	Intra-laboratory duplicate sample
Interlab_D	Inter-laboratory duplicate sample

Table T8 - Soil Historical Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
PFAS NEMP 2020 Public open space (HIL C)							**10**	**1**	**1**	**1**																			
PFAS NEMP 2020 Ecological indirect exposure								*0.01*																					
PFAS NEMP 2020 Ecological direct exposure							*10*	*1*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**Flood Area**																							
SS101	15 Nov 2019	0908_SS101_191115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	0.0008	*0.0245*	0.0079	0.0324	0.0381	0.0007	0.0004	0.0003	<0.0002	<0.001	0.0014	0.0015	0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	19 Jun 2020	0908_SS001_200619	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0002	0.0028	0.0004	0.0032	0.0032	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	26 Nov 2020	0908_SS101_201126	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0002	*0.0139*	0.0011	0.015	0.0164	0.0006	0.0008	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	12 May 2021	0908_SS101_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0002	0.0058	0.0006	0.0064	0.0064	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	17 Nov 2021	0908_SS101_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0002	0.004	0.0004	0.0044	0.0044	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	16 May 2022	0908_SS101_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0002	0.0023	0.0002	0.0025	0.0025	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	07 Nov 2022	0908_QC102_221107	Field_D	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0002	0.0026	0.0005	0.0031	0.0031	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	07 Nov 2022	0908_QC202_221107	Interlab_D	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0001	0.0022	0.0002	0.0024	0.0024	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SS101	07 Nov 2022	0908_SS101_221107	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 5	<0.0002	0.003	0.0003	0.0033	0.0033	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS101	09 May 2023	0908_QC205_230509	Interlab_D	NSW_0908_PFASOMP_23	Broader Management Zone	Flood Sampling Area 5	<0.0001	0.0009	<0.0001	0.0009	0.0009	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SS101	09 May 2023	0908_SS101_230509	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Flood Sampling Area 5	<0.0002	0.0007	<0.0002	0.0007	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	15 Nov 2019	0908_SS102_191115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	0.0003	*0.0119*	0.0072	0.0191	0.0236	0.0003	0.0004	0.0004	<0.0002	<0.001	0.0005	0.0026	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	19 Jun 2020	0908_SS002_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	<0.0002	0.0031	0.0003	0.0034	0.0034	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	26 Nov 2020	0908_QC111_201126	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	<0.0002	*0.0208*	0.0021	0.0229	0.0229	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	26 Nov 2020	0908_QC211_201126	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	<0.001	*0.015*	0.0018	0.0168	0.0168	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SS102	26 Nov 2020	0908_SS102_201126	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	<0.0002	*0.019*	0.0021	0.0211	0.0211	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	12 May 2021	0908_SS102_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	<0.0002	0.0091	0.001	0.0101	0.0101	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	17 Nov 2021	0908_SS102_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	<0.0002	0.0031	<0.0002	0.0031	0.0031	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	16 May 2022	0908_QC101_220516	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	0.0002	*0.0132*	0.0007	0.0139	0.0149	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	16 May 2022	0908_SS102_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	0.0002	*0.0149*	0.0008	0.0157	0.0165	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	07 Nov 2022	0908_SS102_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 5	0.0003	*0.0408*	0.006	0.0468	0.0486	<0.0002	<0.0002	0.0006	<0.0002	<0.001	<0.0002	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	09 May 2023	0908_QC103_230509	Field_D	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 5	<0.0002	0.0049	0.0023	0.0072	0.0079	<0.0002	0.0003	<0.0002	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS102	09 May 2023	0908_SS102_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 5	<0.0002	0.0043	0.0034	0.0077	0.0087	0.0002	0.0004	<0.0002	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	15 Nov 2019	0908_SS103_191115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0022	0.0002	0.0024	0.0024	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	19 Jun 2020	0908_SS003_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	*0.0121*	0.0019	0.014	0.0142	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	01 Dec 2020	0908_SS103_201201	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0053	0.0003	0.0056	0.0056	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	12 May 2021	0908_SS103_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0024	0.0003	0.0027	0.0027	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	19 Nov 2021	0908_SS103_211119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0015	<0.0002	0.0015	0.0015	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	16 May 2022	0908_SS103_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.001	<0.0002	0.001	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	07 Nov 2022	0908_SS103_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	0.0009	*0.0194*	0.0029	0.0223	0.025	<0.0002	<0.0002	0.0002	<0.0002	<0.001	<0.0002	0.0012	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS103	09 May 2023	0908_SS103_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 6	0.0002	*0.0212*	0.0044	0.0256	0.0278	<0.0002	0.0003	0.0004	<0.0002	0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS104	15 Nov 2019	0908_SS104_191115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0002	<0.0002	0.0002	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS104	19 Jun 2020	0908_SS004_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS104	01 Dec 2020	0908_SS104_201201	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	<0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SS104	12 May 2021	0908_SS104_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SS104	19 Nov 2021	0908_QC214_211119	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0001	0.0009	<0.0001	0.0009	0.0009	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SS104	19 Nov 2021	0908_SS104_211119	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS104	16 May 2022	0908_SS104_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0004	<0.0002	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS104	10 Nov 2022	0908_SS104_221110	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 6	<0.0002	<0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SS104	09 May 2023	0908_SS104_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 6	<0.0002	0.0005	<0.0002	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS105	15 Nov 2019	0908_QC106_191115	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	<0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SS105	15 Nov 2019	0908_QC206_191115	Interlab_D	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.001	<0.002	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.002
SS105	15 Nov 2019	0908_SS105_191115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	<0.0002	<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	<0.0005	<0.0005	<0.0005	<0.0005
SS105	19 Jun 2020	0908_SS005_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0003	<0.0002	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS105	01 Dec 2020	0908_SS105_201201	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0005	<0.0002	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS105	12 May 2021	0908_SS105_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0025	0.0003	0.0028	0.0028	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS105	17 Nov 2021	0908_SS105_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0004	<0.0002	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS105	16 May 2022	0908_SS105_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0006	<0.0002	0.0006	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS105	10 Nov 2022	0908_SS105_221110	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0007	<0.0002	0.0007	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS105	09 May 2023	0908_SS105_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0011	<0.0002	0.0011	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	15 Nov 2019	0908_SS106_191115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	0.0002	*0.0113*	0.0028	0.0141	0.0161	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0006	0.0010	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	19 Jun 2020	0908_SS006_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	0.0002	0.0048	0.0012	0.006	0.0066	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	01 Dec 2020	0908_SS106_201201	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.002	<0.0002	0.002	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	12 May 2021	0908_SS106_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0011	<0.0002	0.0011	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	15 Nov 2021	0908_SS106_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0021	0.0006	0.0027	0.003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	16 May 2022	0908_SS106_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0017	0.0003	0.002	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	07 Nov 2022	0908_SS106_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.0016	<0.0002	0.0016	0.0016	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS106	09 May 2023	0908_SS106_230509	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 4	<0.0002	0.002	<0.0002	0.002	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	15 Nov 2019	0908_SS107_191115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0003	<0.0002	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	19 Jun 2020	0908_SS007_200619	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0078	<0.0002	0.0078	0.0078	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	13 Nov 2020	0908_SS107_201113	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0006	<0.0002	0.0006	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	12 May 2021	0908_SS107_210512	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0004	<0.0002	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	15 Nov 2021	0908_SS107_211115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0064	<0.0002	0.0064	0.0064	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

					PFAS - Perfluoroalkyl Sulfonamides						
					Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
PFAS NEMP 2020 Public open space (HIL C)											
PFAS NEMP 2020 Ecological indirect exposure											
PFAS NEMP 2020 Ecological direct exposure											
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**							
SS101	15 Nov 2019	0908_SS101_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	19 Jun 2020	0908_SS001_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	26 Nov 2020	0908_SS101_201126	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	12 May 2021	0908_SS101_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	17 Nov 2021	0908_SS101_211117	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	16 May 2022	0908_SS101_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	07 Nov 2022	0908_QC102_221107	Field_D	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	07 Nov 2022	0908_QC202_221107	Interlab_D	NSW_0908_PFASOMP	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SS101	07 Nov 2022	0908_SS101_221107	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS101	09 May 2023	0908_QC205_230509	Interlab_D	NSW_0908_PFASOMP_23	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SS101	09 May 2023	0908_SS101_230509	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	15 Nov 2019	0908_SS102_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	19 Jun 2020	0908_SS002_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	26 Nov 2020	0908_QC111_201126	Field_D	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	26 Nov 2020	0908_QC211_201126	Interlab_D	NSW_0908_PFASOMP	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SS102	26 Nov 2020	0908_SS102_201126	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	12 May 2021	0908_SS102_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	17 Nov 2021	0908_SS102_211117	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	16 May 2022	0908_QC101_220516	Field_D	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	16 May 2022	0908_SS102_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	07 Nov 2022	0908_SS102_221107	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	09 May 2023	0908_QC103_230509	Field_D	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS102	09 May 2023	0908_SS102_230509	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	15 Nov 2019	0908_SS103_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	19 Jun 2020	0908_SS003_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	01 Dec 2020	0908_SS103_201201	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	12 May 2021	0908_SS103_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	19 Nov 2021	0908_SS103_211119	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	16 May 2022	0908_SS103_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	07 Nov 2022	0908_SS103_221107	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS103	09 May 2023	0908_SS103_230509	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	15 Nov 2019	0908_SS104_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	19 Jun 2020	0908_SS004_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	01 Dec 2020	0908_SS104_201201	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	12 May 2021	0908_SS104_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	19 Nov 2021	0908_QC214_211119	Interlab_D	NSW_0908_PFASOMP	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SS104	19 Nov 2021	0908_SS104_211119	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	16 May 2022	0908_SS104_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	10 Nov 2022	0908_SS104_221110	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS104	09 May 2023	0908_SS104_230509	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	15 Nov 2019	0908_QC106_191115	Field_D	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	15 Nov 2019	0908_QC206_191115	Interlab_D	NSW_0908_PFASOMP	<0.001	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005
SS105	15 Nov 2019	0908_SS105_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	19 Jun 2020	0908_SS005_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	01 Dec 2020	0908_SS105_201201	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	12 May 2021	0908_SS105_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	17 Nov 2021	0908_SS105_211117	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	16 May 2022	0908_SS105_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	10 Nov 2022	0908_SS105_221110	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS105	09 May 2023	0908_SS105_230509	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	15 Nov 2019	0908_SS106_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	19 Jun 2020	0908_SS006_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	01 Dec 2020	0908_SS106_201201	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	12 May 2021	0908_SS106_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	15 Nov 2021	0908_SS106_211115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	16 May 2022	0908_SS106_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	07 Nov 2022	0908_SS106_221107	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS106	09 May 2023	0908_SS106_230509	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	15 Nov 2019	0908_SS107_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	19 Jun 2020	0908_SS007_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	13 Nov 2020	0908_SS107_201113	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	12 May 2021	0908_SS107_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	15 Nov 2021	0908_SS107_211115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Table T8 - Soil Historical Analytical Results

							PFAS					PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids			
							Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Sum of PFHxS and PFOS	Sum of PFAS	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0001	0.0001	0.0002	0.0002
PFAS NEMP 2020 Public open space (HIL C)							**10**	**1**	**1**	**1**																			
PFAS NEMP 2020 Ecological indirect exposure								*0.01*																					
PFAS NEMP 2020 Ecological direct exposure							*10*	*1*																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**	**On Base/Management Zone**	**Flood Area**																							
SS107	18 May 2022	0908_SS107_220518	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 3	<0.0002	*0.0299*	0.0002	0.0301	0.0301	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	10 Nov 2022	0908_SS107_221110	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0011	<0.0002	0.0011	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	11 May 2023	0908_QC110_230511	Field_D	NSW_0908_PFASOMP_23	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0032	<0.0002	0.0032	0.0032	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS107	11 May 2023	0908_QC210_230511	Interlab_D	NSW_0908_PFASOMP_23	Primary Management Zone	Flood Sampling Area 3	<0.0001	0.0034	<0.0001	0.0034	0.0037	<0.0001	<0.0001	<0.0001	<0.0002	0.0003	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SS107	11 May 2023	0908_SS107_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Flood Sampling Area 3	<0.0002	0.0026	<0.0002	0.0026	0.0026	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	15 Nov 2019	0908_SS108_191115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.0009	<0.0002	0.0009	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	19 Jun 2020	0908_SS008_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.001	<0.0002	0.001	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	13 Nov 2020	0908_SS108_201113	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.0023	<0.0002	0.0023	0.0025	<0.0002	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	12 May 2021	0908_SS108_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.0017	<0.0002	0.0017	0.0017	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	15 Nov 2021	0908_SS108_211115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.0027	<0.0002	0.0027	0.0027	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	17 May 2022	0908_SS108_220517	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.0043	0.0009	0.0052	0.007	<0.0002	<0.0002	<0.0002	0.0010	<0.001	<0.0002	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	09 Nov 2022	0908_SS108_221109	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.0046	0.0003	0.0049	0.0049	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS108	16 May 2023	0908_SS108_230516	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 1	<0.0002	0.0025	<0.0002	0.0025	0.0027	<0.0002	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	15 Nov 2019	0908_SS109_191115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0002	<0.0002	<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	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	19 Jun 2020	0908_SS009_200619	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0002	0.0006	<0.0002	0.0006	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	01 Dec 2020	0908_SS109_201201	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0002	0.0005	<0.0002	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	12 May 2021	0908_SS109_210512	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0002	0.002	<0.0002	0.002	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	15 Nov 2021	0908_SS109_211115	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0002	0.002	<0.0002	0.002	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	27 May 2022	0908_QC211_220527	Interlab_D	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0001	0.0008	<0.0001	0.0008	0.0008	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0001	<0.0001	<0.0002	<0.0002
SS109	27 May 2022	0908_SS109_220527	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0002	0.0012	<0.0002	0.0012	0.0012	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	09 Nov 2022	0908_SS109_221109	Normal	NSW_0908_PFASOMP	Primary Management Zone	Flood Sampling Area 1	<0.0002	0.0008	<0.0002	0.0008	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS109	11 May 2023	0908_SS109_230511	Normal	NSW_0908_PFASOMP_23	Primary Management Zone	Flood Sampling Area 1	<0.0002	0.0045	<0.0002	0.0045	0.005	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	15 Nov 2019	0908_SS110_191115	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	0.0003	*0.0318*	0.0024	0.0342	0.0367	<0.0002	<0.0002	0.0003	<0.0002	<0.001	0.0004	0.0013	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	19 Jun 2020	0908_SS010_200619	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	<0.0002	0.0086	<0.0002	0.0086	0.0086	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	20 Nov 2020	0908_SS110_201120	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	<0.0002	*0.0138*	0.0002	0.014	0.014	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	12 May 2021	0908_SS110_210512	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	<0.0002	0.0036	<0.0002	0.0036	0.0036	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	17 Nov 2021	0908_QC112_211117	Field_D	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	<0.0002	0.0035	<0.0002	0.0035	0.0035	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	17 Nov 2021	0908_SS110_211117	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	<0.0002	0.0026	<0.0002	0.0026	0.0026	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	16 May 2022	0908_SS110_220516	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	<0.0002	*0.0294*	0.0006	0.03	0.0309	<0.0002	<0.0002	<0.0002	0.0009	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	07 Nov 2022	0908_SS110_221107	Normal	NSW_0908_PFASOMP	Secondary Management Zone	Flood Sampling Area 3	<0.0002	0.005	<0.0002	0.005	0.005	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS110	11 May 2023	0908_SS110_230511	Normal	NSW_0908_PFASOMP_23	Secondary Management Zone	Flood Sampling Area 3	<0.0002	0.0017	<0.0002	0.0017	0.0017	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS111	15 Nov 2019	0908_SS111_191115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	<0.0002	<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	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS111	19 Jun 2020	0908_SS011_200619	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0009	<0.0002	0.0009	0.0009	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS111	12 Nov 2020	0908_SS111_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0004	<0.0002	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS111	12 May 2021	0908_SS111_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0006	<0.0002	0.0006	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS111	17 Nov 2021	0908_SS111_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0125	<0.0050	<0.0050	<0.0050	<0.0050
SS111	16 May 2022	0908_SS111_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0002	<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	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS111	15 Nov 2022	0908_SS111_221115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0006	<0.0002	0.0006	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS111	11 May 2023	0908_SS111_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0005	<0.0002	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	15 Nov 2019	0908_SS112_191115	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	<0.0002	<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	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	19 Jun 2020	0908_SS012_200619	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	0.0008	0.0068	0.0024	0.0092	0.0115	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	0.0007	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	12 Nov 2020	0908_SS112_201112	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.001	<0.0002	0.001	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	12 May 2021	0908_SS112_210512	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0008	<0.0002	0.0008	0.0008	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	17 Nov 2021	0908_SS112_211117	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0012	0.0004	0.0016	0.0016	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	16 May 2022	0908_SS112_220516	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0021	<0.0002	0.0021	0.0021	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	08 Nov 2022	0908_SS112_221108	Normal	NSW_0908_PFASOMP	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0002	<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	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
SS112	11 May 2023	0908_SS112_230511	Normal	NSW_0908_PFASOMP_23	Broader Management Zone	Flood Sampling Area 2	<0.0002	0.0017	<0.0002	0.0017	0.0017	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Notes

LOR	Limit of Reporting
Normal	Primary sample
Field_D	Intra-laboratory duplicate sample
Interlab_D	Inter-laboratory duplicate sample

					PFAS - Perfluoroalkyl Sulfonamides						
					Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.0002	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005
PFAS NEMP 2020 Public open space (HIL C)											
PFAS NEMP 2020 Ecological indirect exposure											
PFAS NEMP 2020 Ecological direct exposure											
Location Code	**Date**	**Field ID**	**Sample Type**	**Project ID**							
SS107	18 May 2022	0908_SS107_220518	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	10 Nov 2022	0908_SS107_221110	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	11 May 2023	0908_QC110_230511	Field_D	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS107	11 May 2023	0908_QC210_230511	Interlab_D	NSW_0908_PFASOMP_23	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SS107	11 May 2023	0908_SS107_230511	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	15 Nov 2019	0908_SS108_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	19 Jun 2020	0908_SS008_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	13 Nov 2020	0908_SS108_201113	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	12 May 2021	0908_SS108_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	15 Nov 2021	0908_SS108_211115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	17 May 2022	0908_SS108_220517	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	09 Nov 2022	0908_SS108_221109	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS108	16 May 2023	0908_SS108_230516	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	15 Nov 2019	0908_SS109_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	19 Jun 2020	0908_SS009_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	01 Dec 2020	0908_SS109_201201	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	12 May 2021	0908_SS109_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	15 Nov 2021	0908_SS109_211115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	27 May 2022	0908_QC211_220527	Interlab_D	NSW_0908_PFASOMP	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.0002	<0.005
SS109	27 May 2022	0908_SS109_220527	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	09 Nov 2022	0908_SS109_221109	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS109	11 May 2023	0908_SS109_230511	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	15 Nov 2019	0908_SS110_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	19 Jun 2020	0908_SS010_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	20 Nov 2020	0908_SS110_201120	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	12 May 2021	0908_SS110_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	17 Nov 2021	0908_QC112_211117	Field_D	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	17 Nov 2021	0908_SS110_211117	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	16 May 2022	0908_SS110_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	07 Nov 2022	0908_SS110_221107	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS110	11 May 2023	0908_SS110_230511	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS111	15 Nov 2019	0908_SS111_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS111	19 Jun 2020	0908_SS011_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS111	12 Nov 2020	0908_SS111_201112	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS111	12 May 2021	0908_SS111_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS111	17 Nov 2021	0908_SS111_211117	Normal	NSW_0908_PFASOMP	<0.0050	<0.0125	<0.0050	<0.0125	<0.0125	<0.0050	<0.0125
SS111	16 May 2022	0908_SS111_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS111	15 Nov 2022	0908_SS111_221115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS111	11 May 2023	0908_SS111_230511	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	15 Nov 2019	0908_SS112_191115	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	19 Jun 2020	0908_SS012_200619	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	12 Nov 2020	0908_SS112_201112	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	12 May 2021	0908_SS112_210512	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	17 Nov 2021	0908_SS112_211117	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	16 May 2022	0908_SS112_220516	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	08 Nov 2022	0908_SS112_221108	Normal	NSW_0908_PFASOMP	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005
SS112	11 May 2023	0908_SS112_230511	Normal	NSW_0908_PFASOMP_23	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005

Notes

LOR	Limit of Reporting
Normal	Primary sample
Field_D	Intra-laboratory duplicate sample
Interlab_D	Inter-laboratory duplicate sample

Table T9 - Aquatic Biota Historical Analytical Results

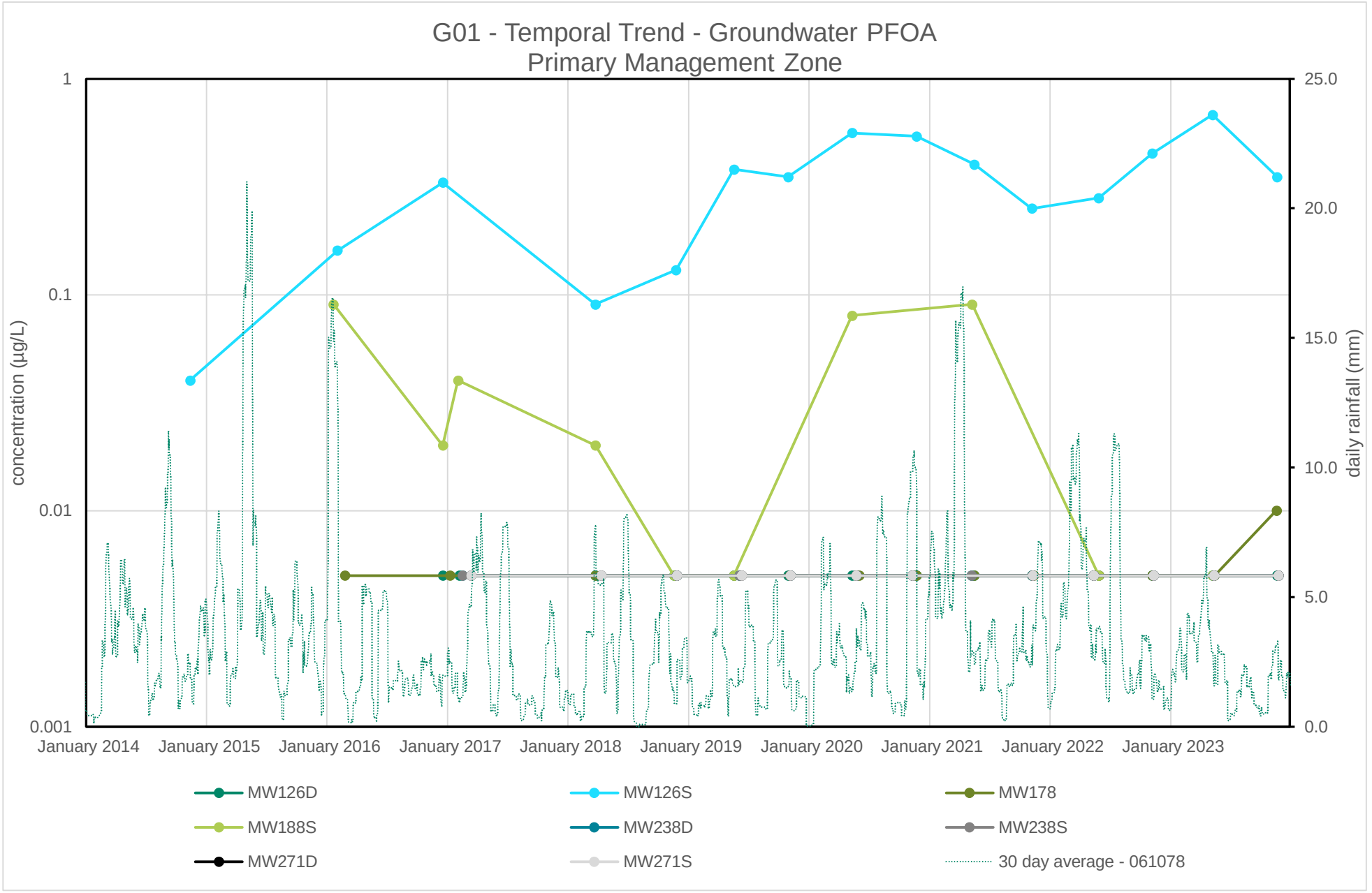
				PFAS			PFAS - Perfluoroalkyl Sulfonic Acids				PFAS - Perfluoroalkyl Carboxylic Acids										PFAS - (n:2) Fluorotelomer Sulfonic Acids				PFAS - Perfluoroalkyl Sulfonamides		
				Perfluorooctanoic acid (PFOA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.0003	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
FSANZ 2017 2-6 years Crustaceans (all species)				0.52	0.065	0.065																					
FSANZ 2017 2-6 years Finfish (all species)				0.041	0.0052	0.0052																					
Location Code	**Date**	**Field ID**	**Species Type**	**Project ID**																								
BIOAFA029	07 Feb 2020	2002.HUR.1.METMAC.C1	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0069	0.00066	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA029	07 Feb 2020	2002.HUR.1.METMAC.C2	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0064	0.0021	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA029	07 Feb 2020	2002.HUR.1.METMAC.C3	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0074	0.0021	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA029	07 Feb 2020	2002.HUR.1.METMAC.C4	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0054	0.00096	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA034	21 Jan 2020	2001.HUR.1.GIRTRI.C1	Luderick	NSW_0908_PFASOMP	<0.0003	0.0013	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA034	21 Jan 2020	2001.HUR.1.GIRTRI.C2	Luderick	NSW_0908_PFASOMP	<0.0003	0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA034	21 Jan 2020	2001.HUR.1.GIRTRI.C3	Luderick	NSW_0908_PFASOMP	<0.0003	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA034	21 Jan 2020	2001.HUR.1.GIRTRI.C4	Luderick	NSW_0908_PFASOMP	<0.0003	0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA036	21 Jan 2020	2001.HUR.1.PLAFUS.C1	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.0031	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA036	21 Jan 2020	2001.HUR.1.PLAFUS.C2	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.0047	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA036	21 Jan 2020	2001.HUR.1.PLAFUS.C3	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.0031	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA036	21 Jan 2020	2001.HUR.1.PLAFUS.C4	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.0041	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA040	08 Feb 2021	2102.HUR.1.METMAC.C1	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.021	0.0085	<0.0005	0.00061	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA041	08 Feb 2021	2102.HUR.1.METMAC.C2	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.021	0.0086	<0.0005	0.00057	0.00058	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA042	08 Feb 2021	2102.HUR.1.METMAC.C3	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.023	0.0062	<0.0005	0.00054	0.00078	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA043	08 Feb 2021	2102.HUR.1.METMAC.C4	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.02	0.0067	<0.0005	0.00054	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA044	09 Feb 2021	2102.HUR.1.PLAFUS.C1	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.011	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA045	09 Feb 2021	2102.HUR.1.PLAFUS.C2	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.011	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA046	09 Feb 2021	2102.HUR.1.PLAFUS.C3	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.0094	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA047	09 Feb 2021	2102.HUR.1.PLAFUS.C4	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.01	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA048	08 Feb 2021	2102.HUR.1.GIRTRI.C1	Luderick	NSW_0908_PFASOMP	<0.0003	0.0024	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA049	08 Feb 2021	2102.HUR.1.GIRTRI.C2	Luderick	NSW_0908_PFASOMP	<0.0003	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA050	08 Feb 2021	2102.HUR.1.GIRTRI.C3	Luderick	NSW_0908_PFASOMP	<0.0003	0.0022	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA051	08 Feb 2021	2102.HUR.1.GIRTRI.C4	Luderick	NSW_0908_PFASOMP	<0.0003	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA052	23 Feb 2022	0908_BIOAFA052_220223	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0063	0.00059	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA053	23 Feb 2022	0908_BIOAFA053_220223	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0072	0.0008	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA054	23 Feb 2022	0908_BIOAFA054_220223	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0058	0.00062	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA055	23 Feb 2022	0908_BIOAFA055_220223	Eastern School Prawn	NSW_0908_PFASOMP	<0.0003	0.0053	0.00058	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA056	23 Feb 2022	0908_BIOAFA056_220223	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.012	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA057	23 Feb 2022	0908_BIOAFA057_220223	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.014	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA058	23 Feb 2022	0908_BIOAFA058_220223	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.013	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA059	23 Feb 2022	0908_BIOAFA059_220223	Dusky Flathead	NSW_0908_PFASOMP	<0.0003	0.013	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA060	23 Feb 2022	0908_BIOAFA060_220223	Luderick	NSW_0908_PFASOMP	<0.0003	0.0021	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA061	23 Feb 2022	0908_BIOAFA061_220223	Luderick	NSW_0908_PFASOMP	<0.0003	0.0046	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA062	23 Feb 2022	0908_BIOAFA062_220223	Luderick	NSW_0908_PFASOMP	<0.0003	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BIOAFA063	23 Feb 2022	0908_BIOAFA063_220223	Luderick	NSW_0908_PFASOMP	<0.0003	0.0019	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

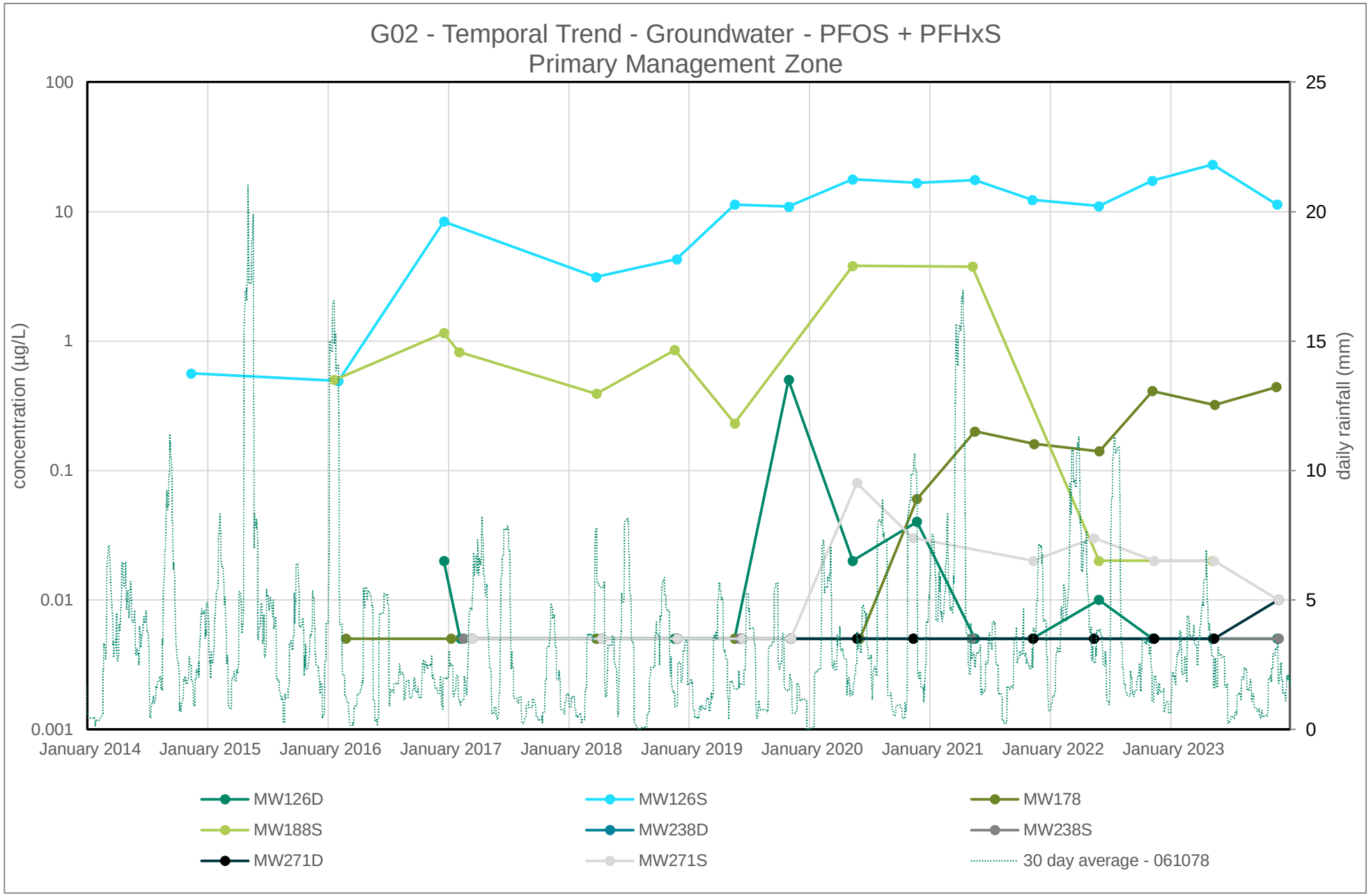
Notes:
LOR Limit of Reporting
Dusky Flathead and Luderick samples compared against the 'FSANZ 2017 2-6 years Finfish (all species)' criteria
School Prawn samples compared against the 'FSANZ 2017 2-6 years Crustaceans (all species)' criteria

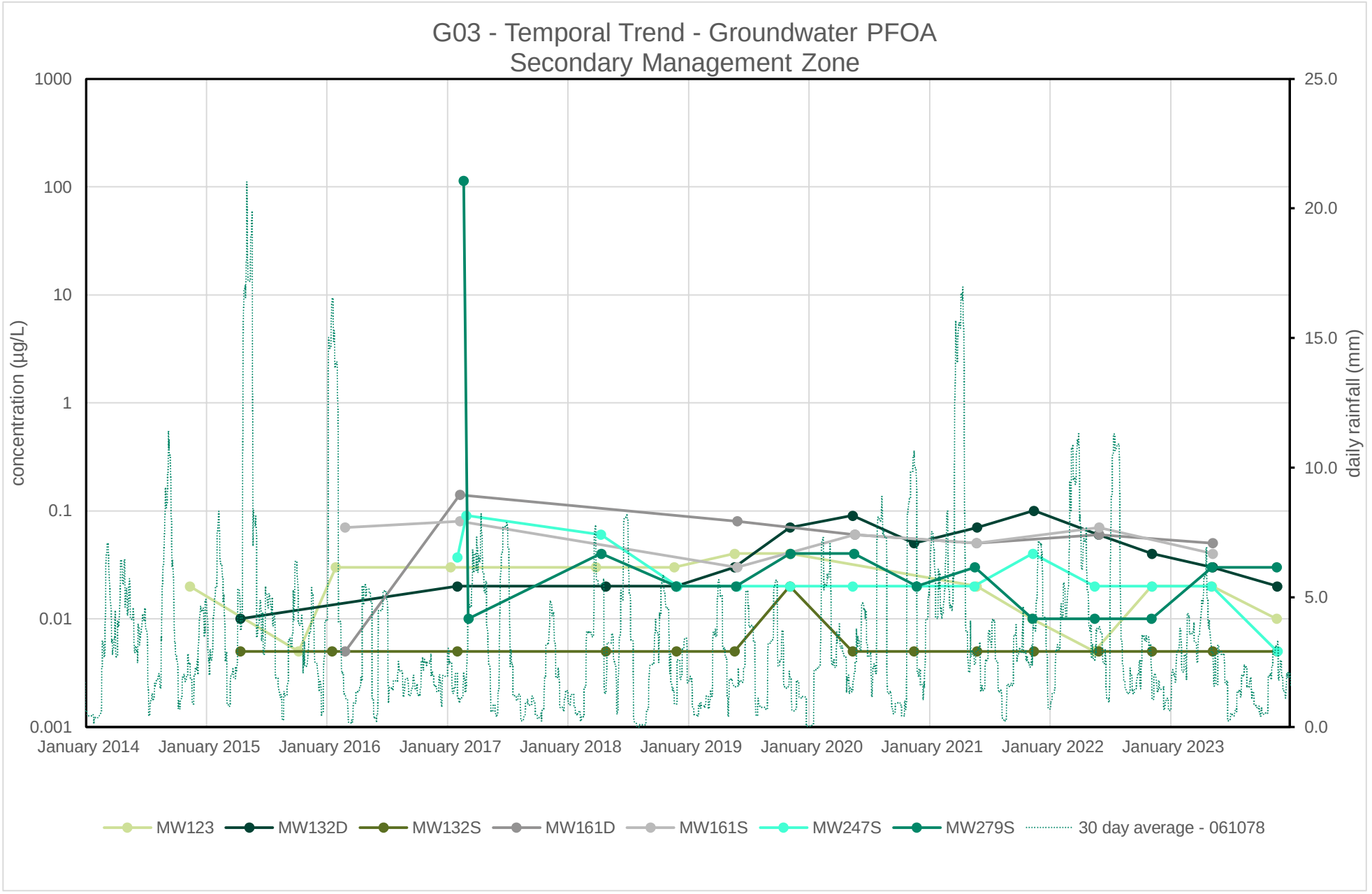
Appendix C

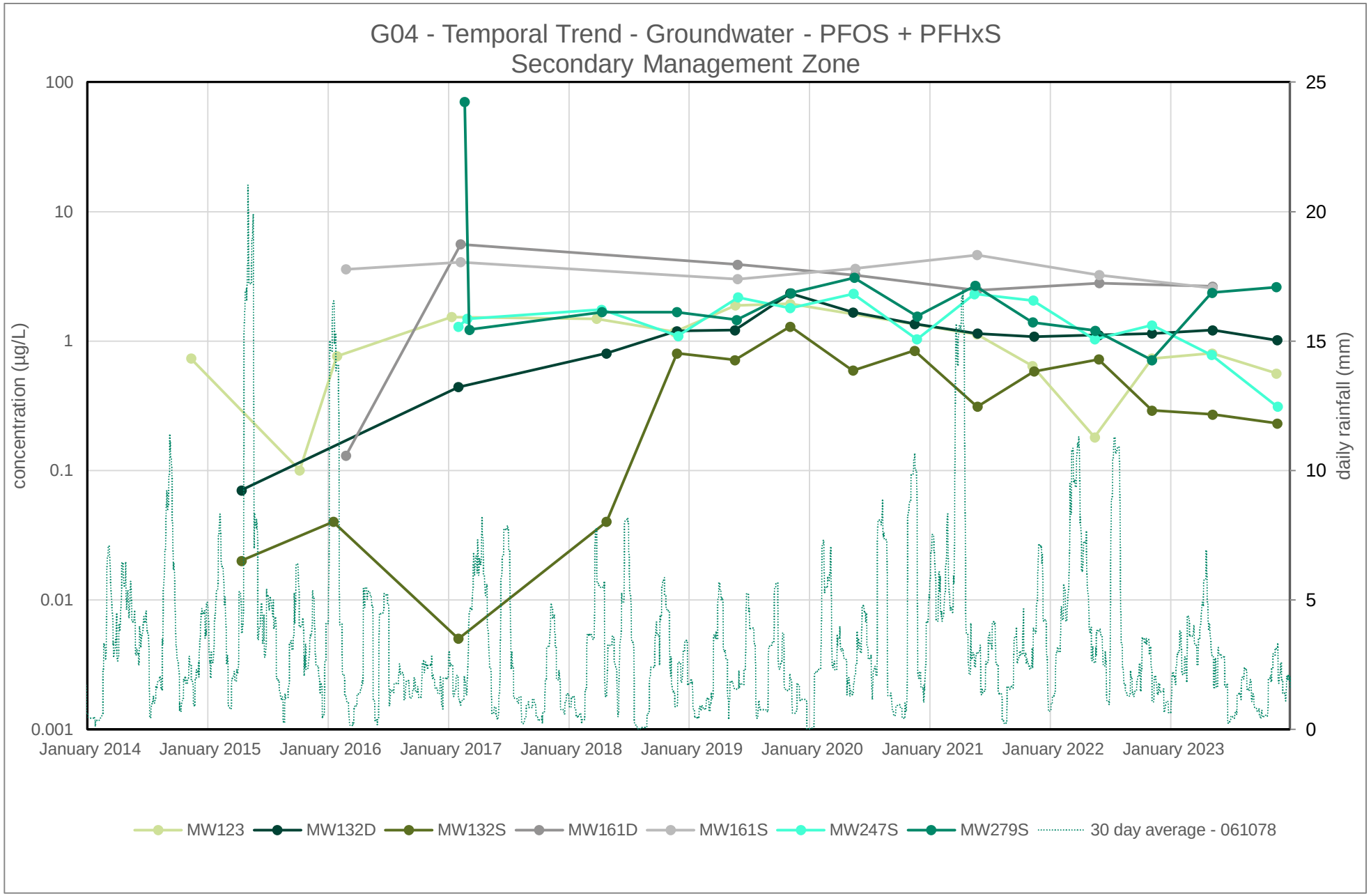
Graphs

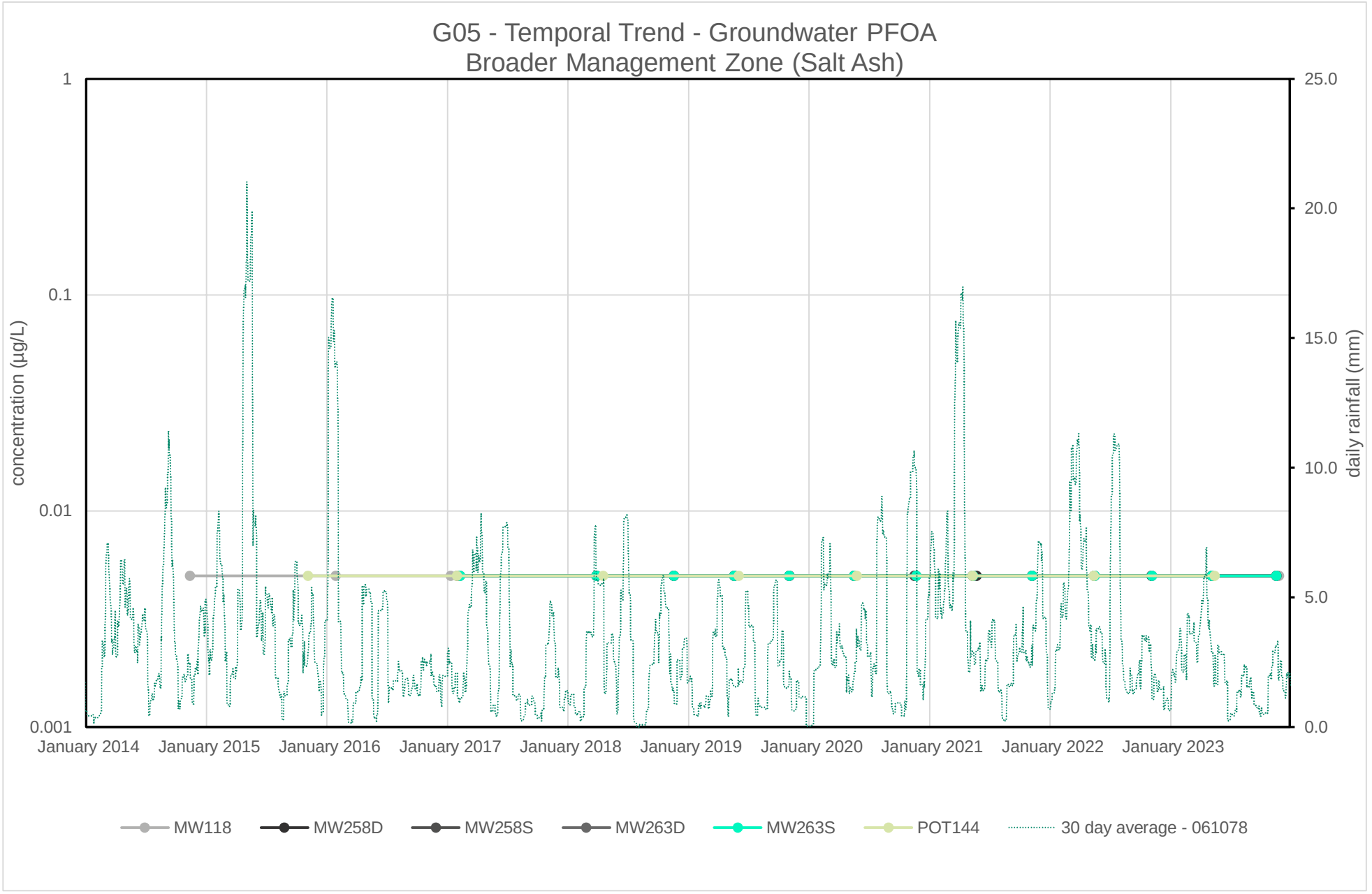
Temporal Trend Graphs

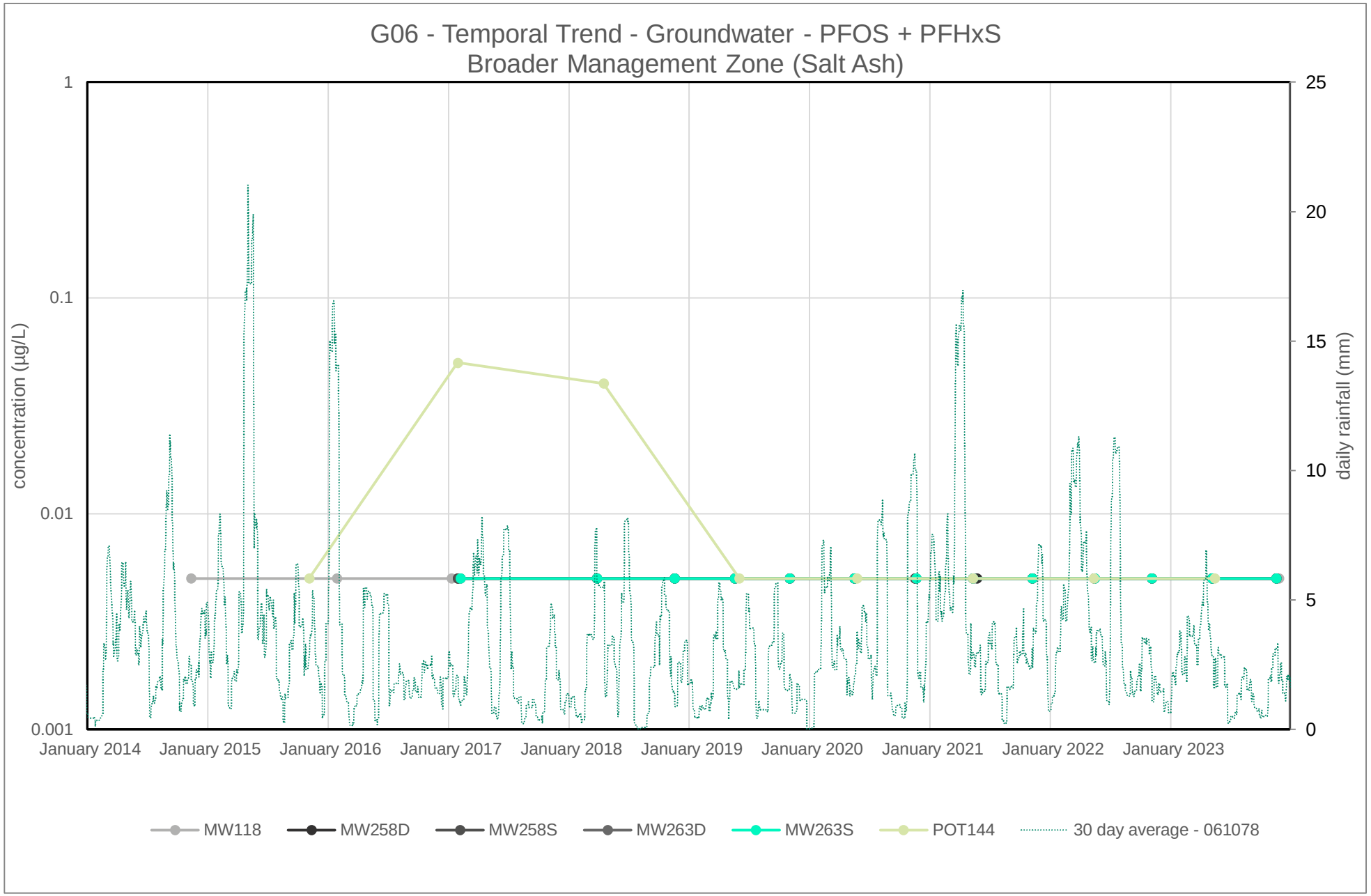

G01 - Temporal Trend - Groundwater PFOA
Primary Management Zone
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW126D
MW126S
MW178
MW188S
MW238D
MW238S
MW271D
MW271S
30 day average - 061078

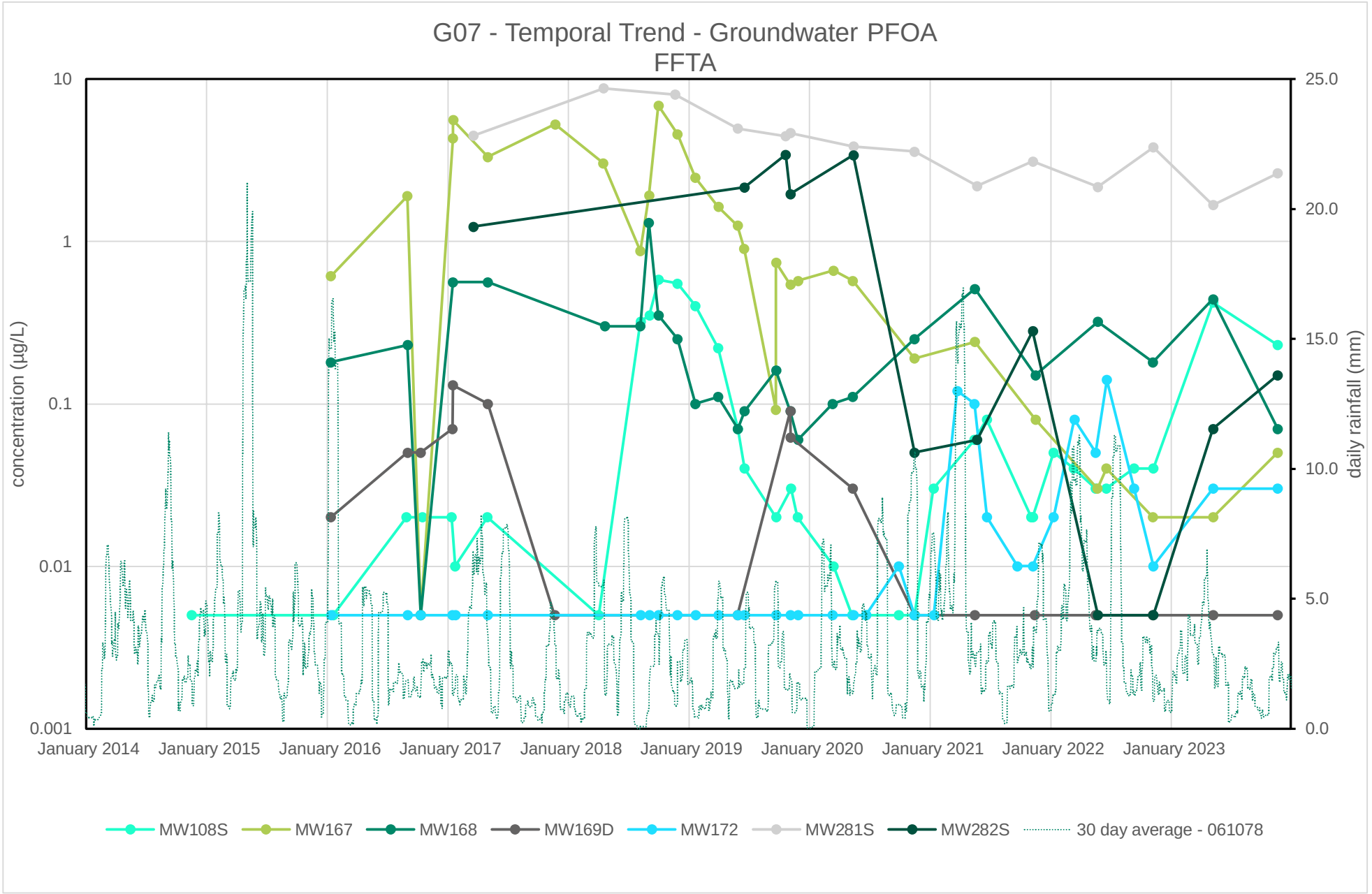

G02 - Temporal Trend - Groundwater - PFOS + PFHxS
Primary Management Zone
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
0.01
0.001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW126D
MW126S
MW178
MW188S
MW238D
MW238S
MW271D
MW271S
30 day average - 061078

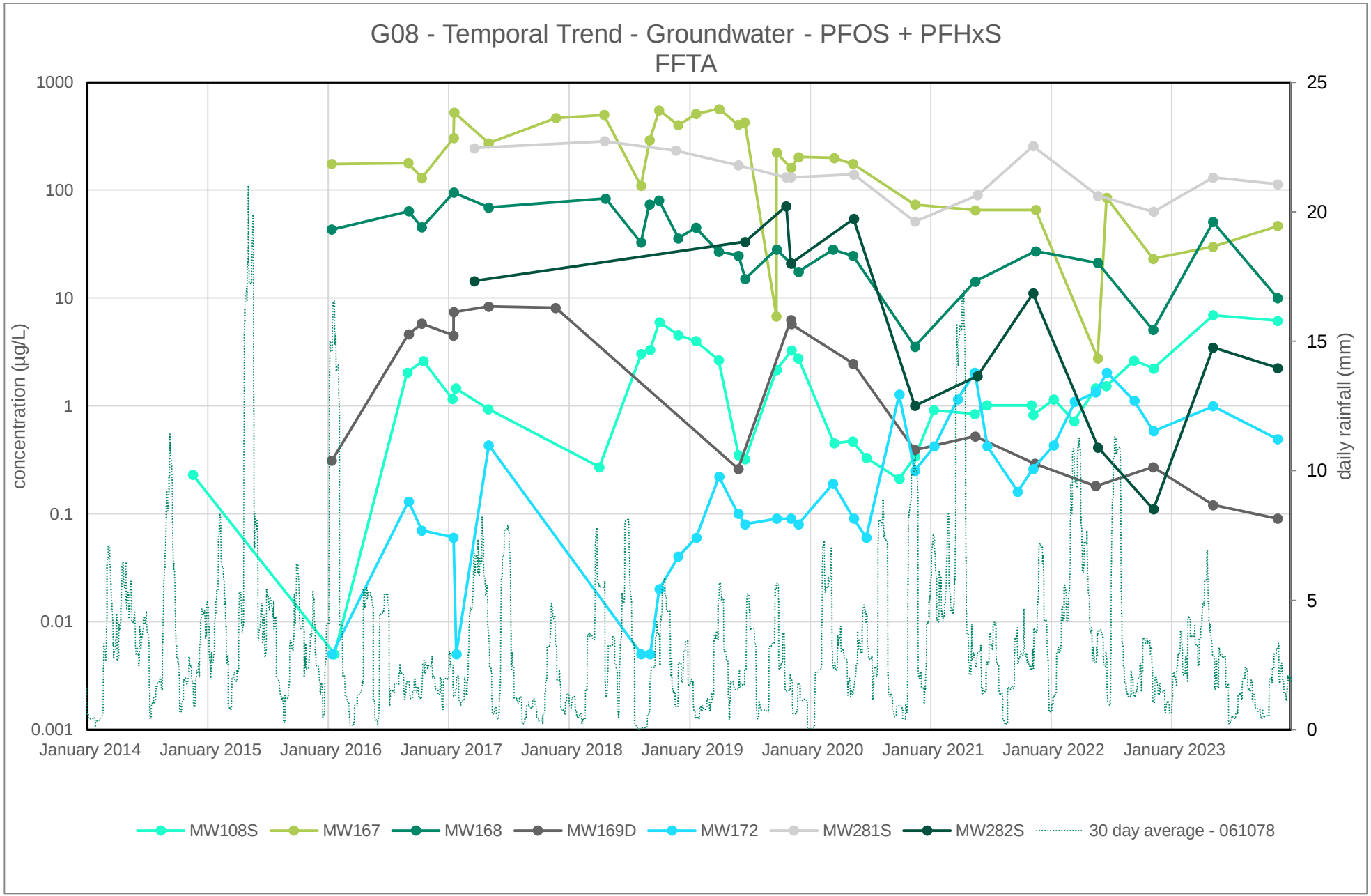

G03 - Temporal Trend - Groundwater PFOA
Secondary Management Zone
concentration (µg/L)
1000
100
10
1
0.1
0.01
0.001
daily rainfall (mm)
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW123
MW132D
MW132S
MW161D
MW161S
MW247S
MW279S
30 day average - 061078

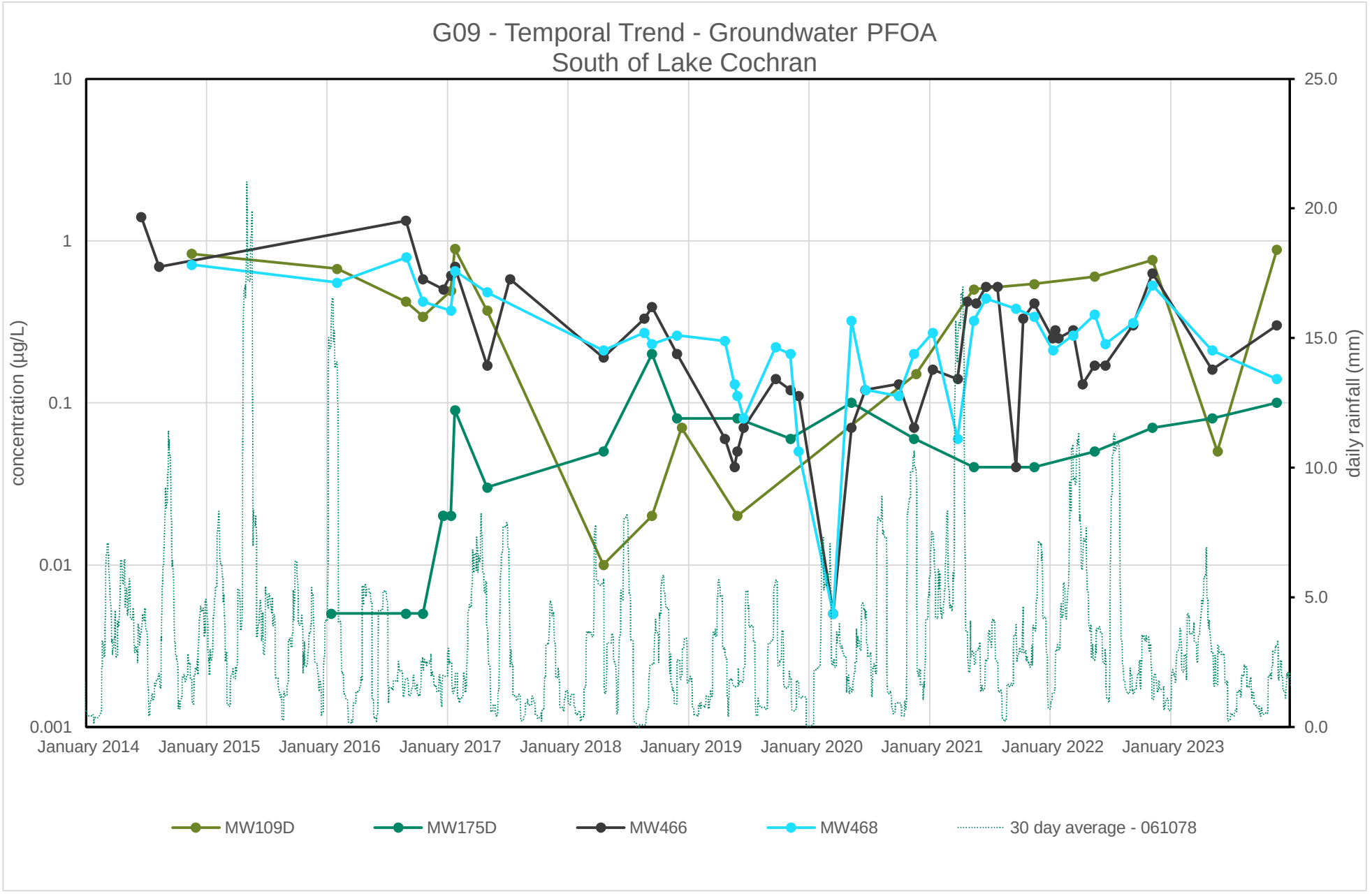

G04 - Temporal Trend - Groundwater - PFOS + PFHxS
Secondary Management Zone
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
0.01
0.001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW123
MW132D
MW132S
MW161D
MW161S
MW247S
MW279S
30 day average - 061078

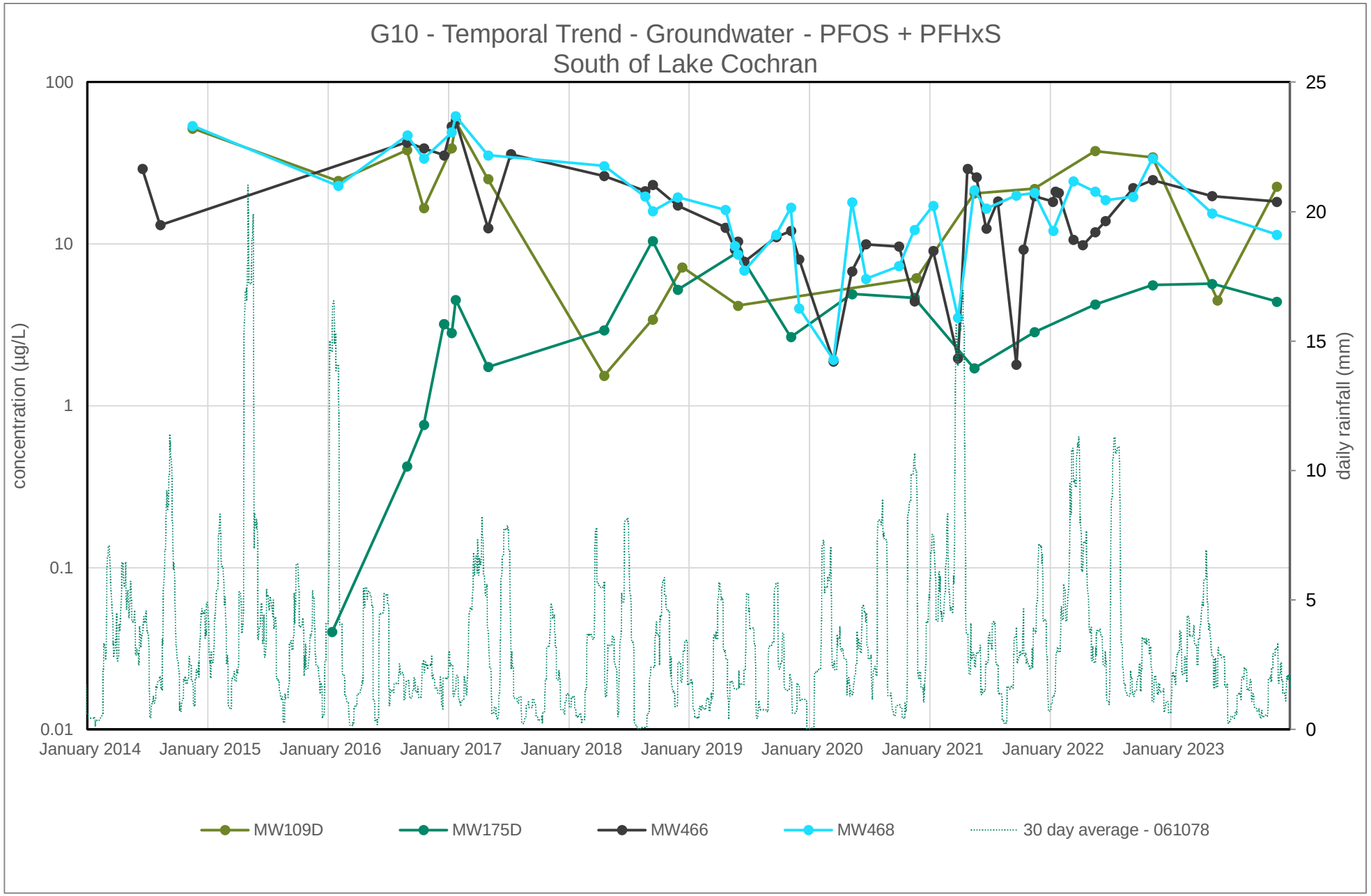

G05 - Temporal Trend - Groundwater PFOA
Broader Management Zone (Salt Ash)
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW118
MW258D
MW258S
MW263D
MW263S
POT144
30 day average - 061078

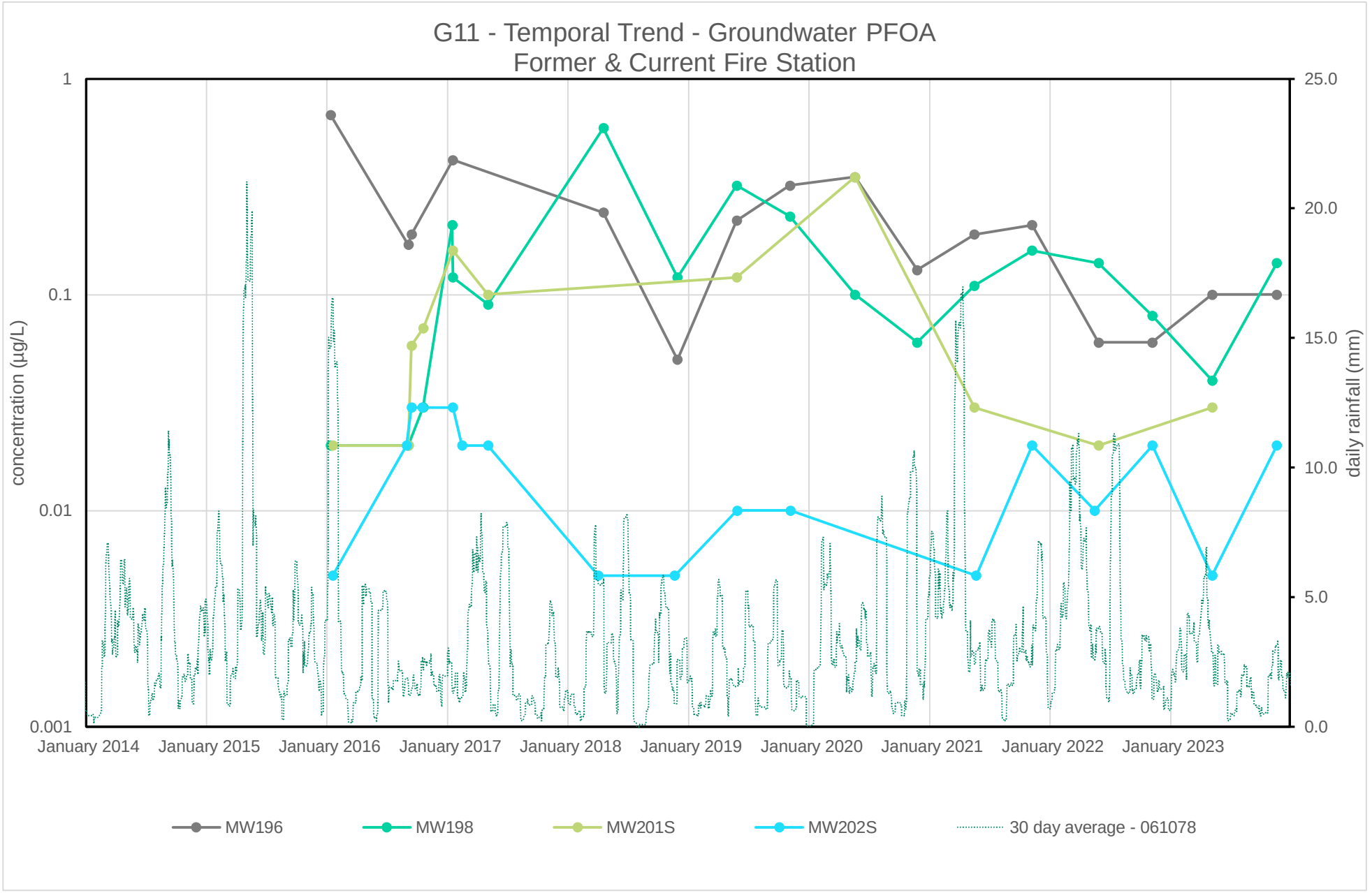

G06 - Temporal Trend - Groundwater - PFOS + PFHxS
Broader Management Zone (Salt Ash)
concentration (µg/L)
1
0.1
0.01
0.001
daily rainfall (mm)
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW118
MW258D
MW258S
MW263D
MW263S
POT144
30 day average - 061078

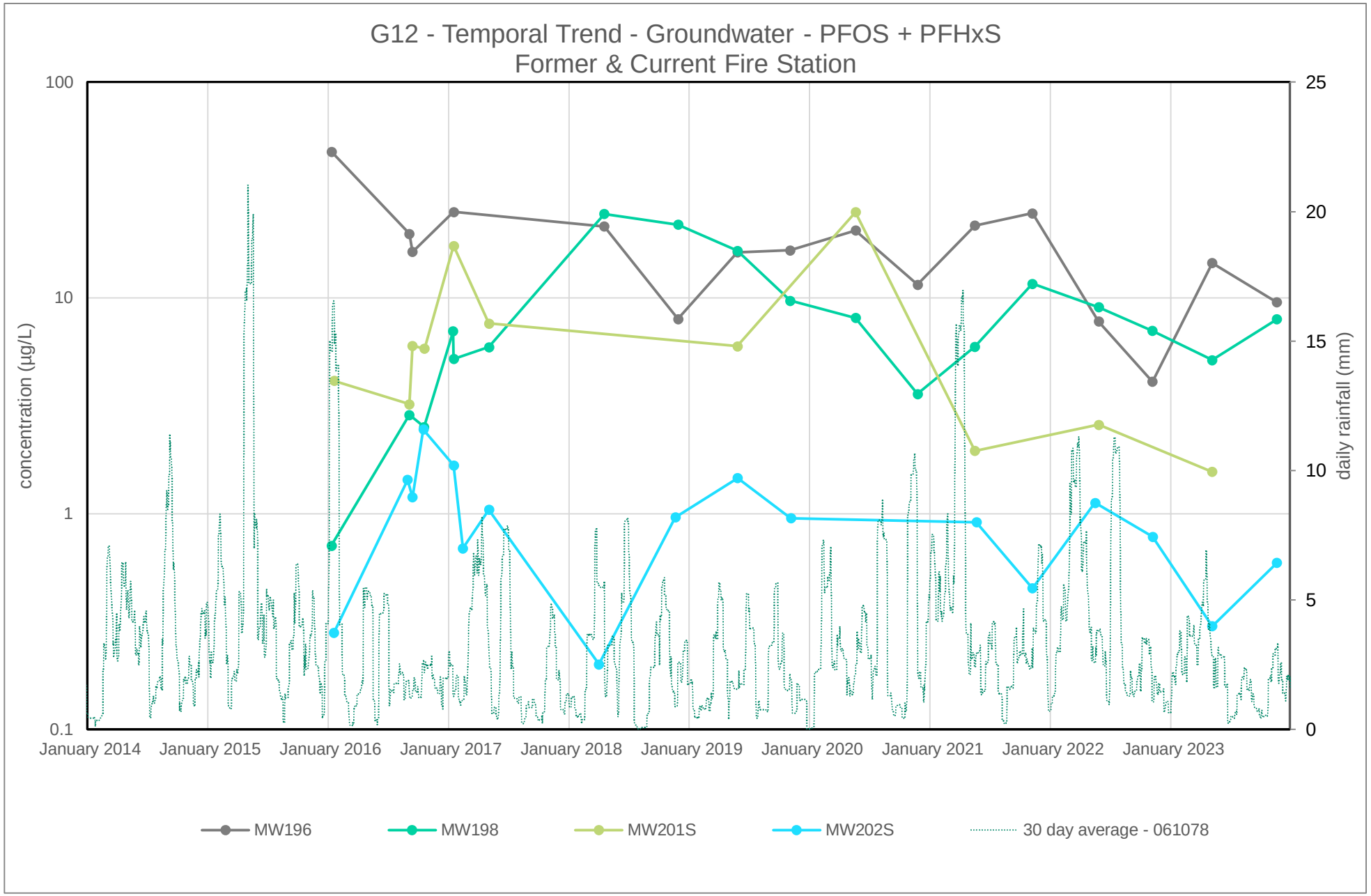

G07 - Temporal Trend - Groundwater PFOA
FFTA
concentration (µg/L)
daily rainfall (mm)
10
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW108S
MW167
MW168
MW169D
MW172
MW281S
MW282S
30 day average - 061078

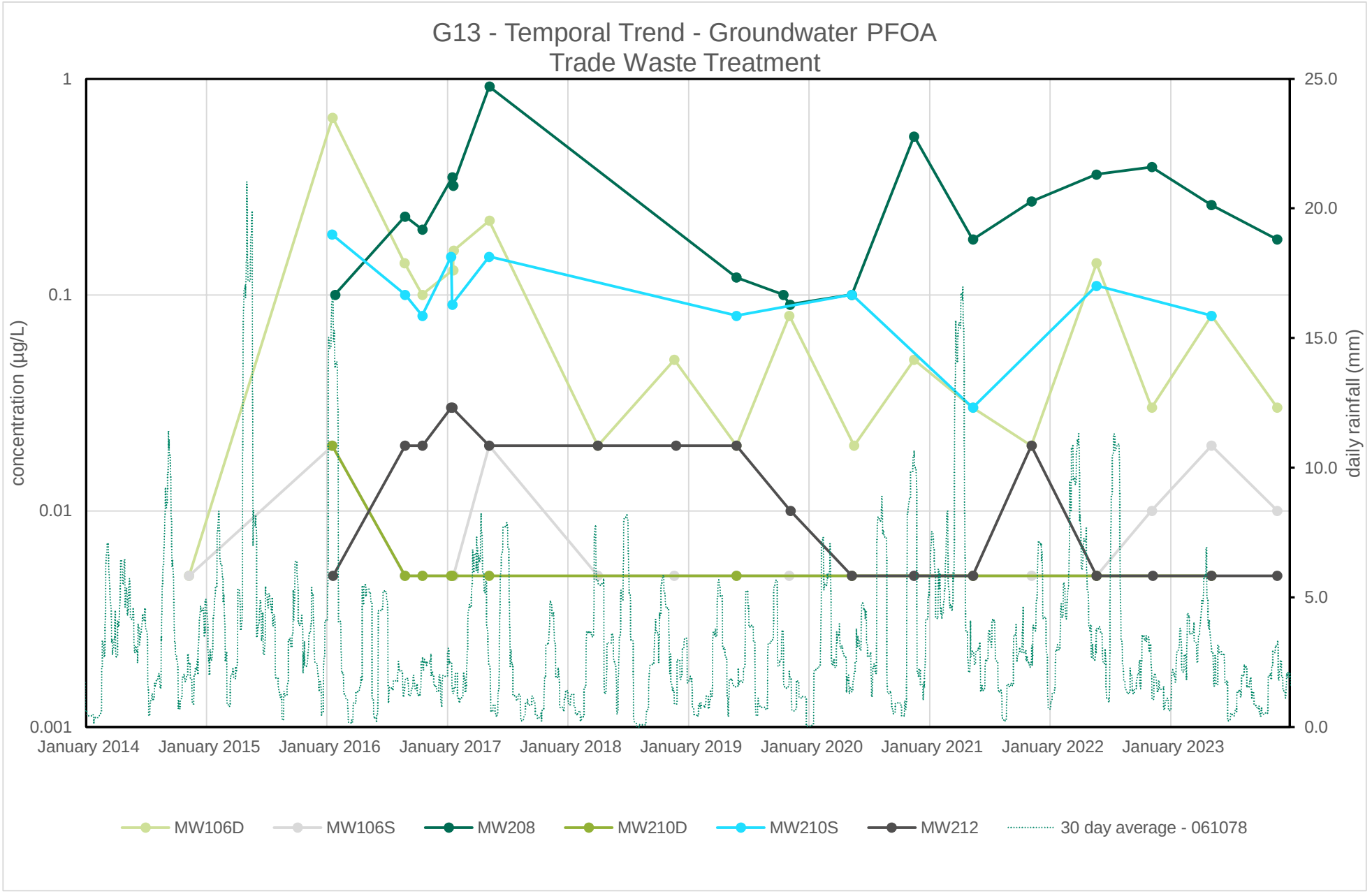

G08 - Temporal Trend - Groundwater - PFOS + PFHxS
FFTA
concentration (µg/L)
daily rainfall (mm)
1000
100
10
1
0.1
0.01
0.001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW108S
MW167
MW168
MW169D
MW172
MW281S
MW282S
30 day average - 061078

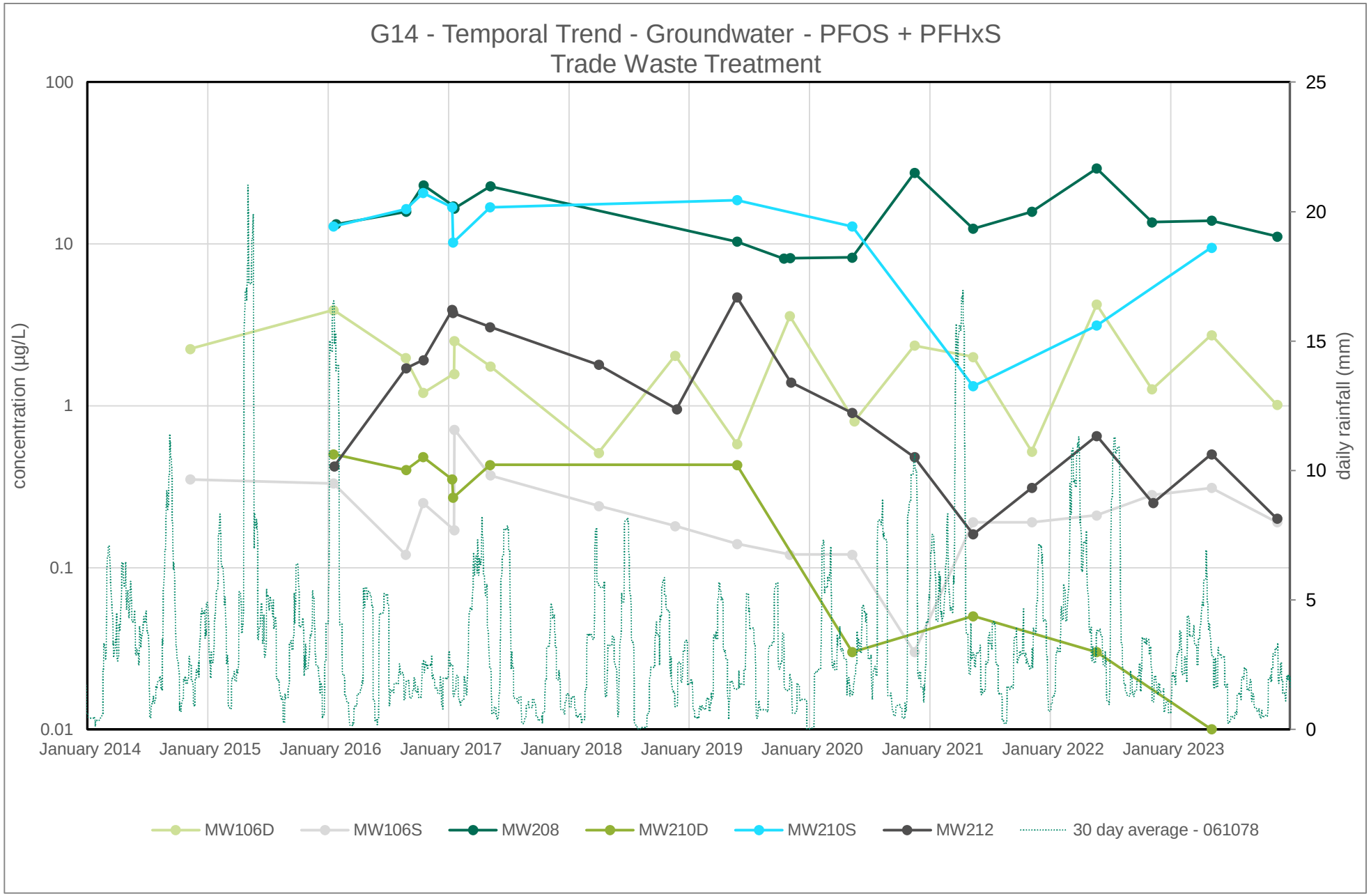

G09 - Temporal Trend - Groundwater PFOA
South of Lake Cochran
concentration (µg/L)
daily rainfall (mm)
10
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW109D
MW175D
MW466
MW468
30 day average - 061078

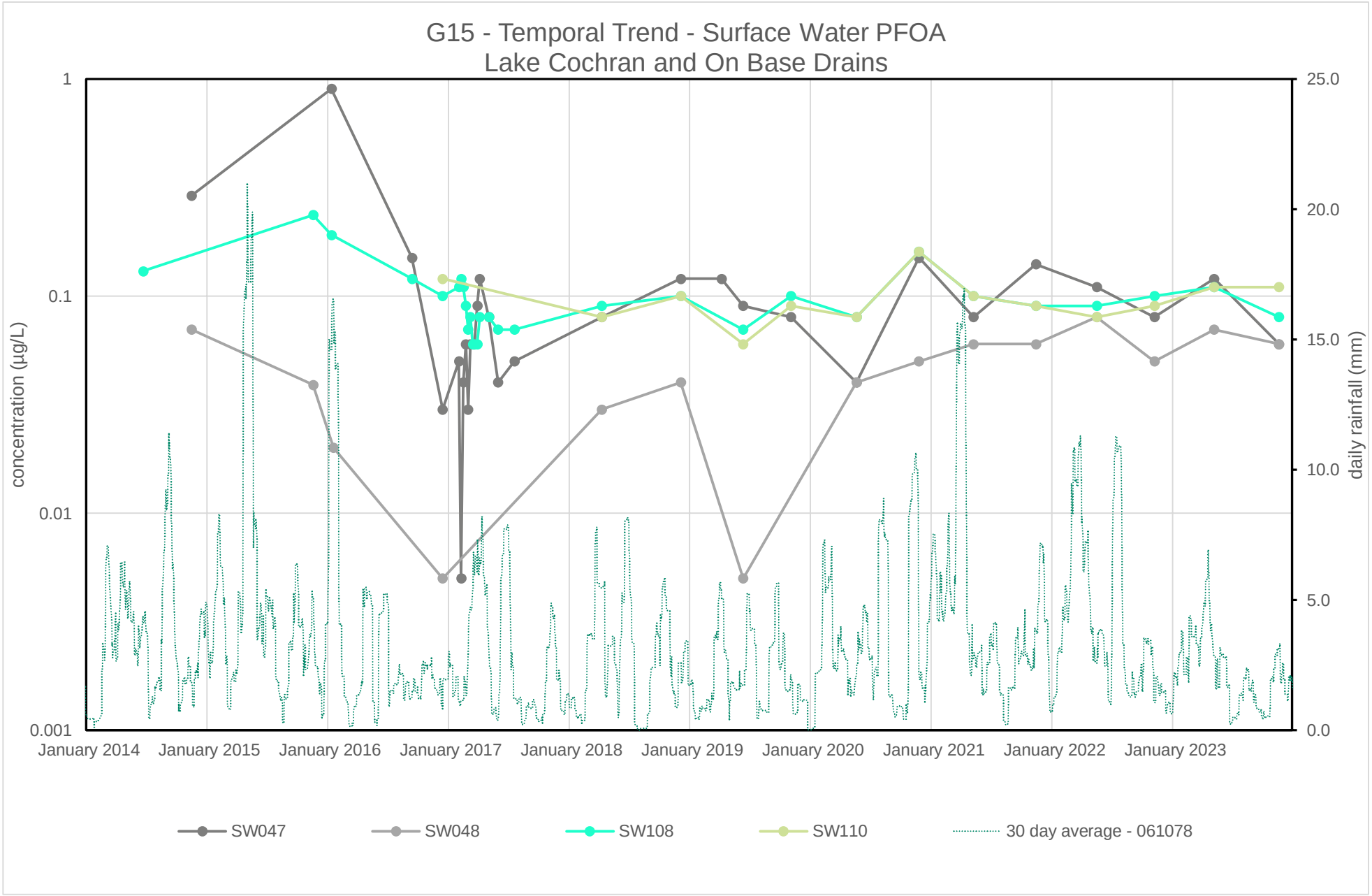

G10 - Temporal Trend - Groundwater - PFOS + PFHxS
South of Lake Cochran
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
0.01
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW109D
MW175D
MW466
MW468
30 day average - 061078

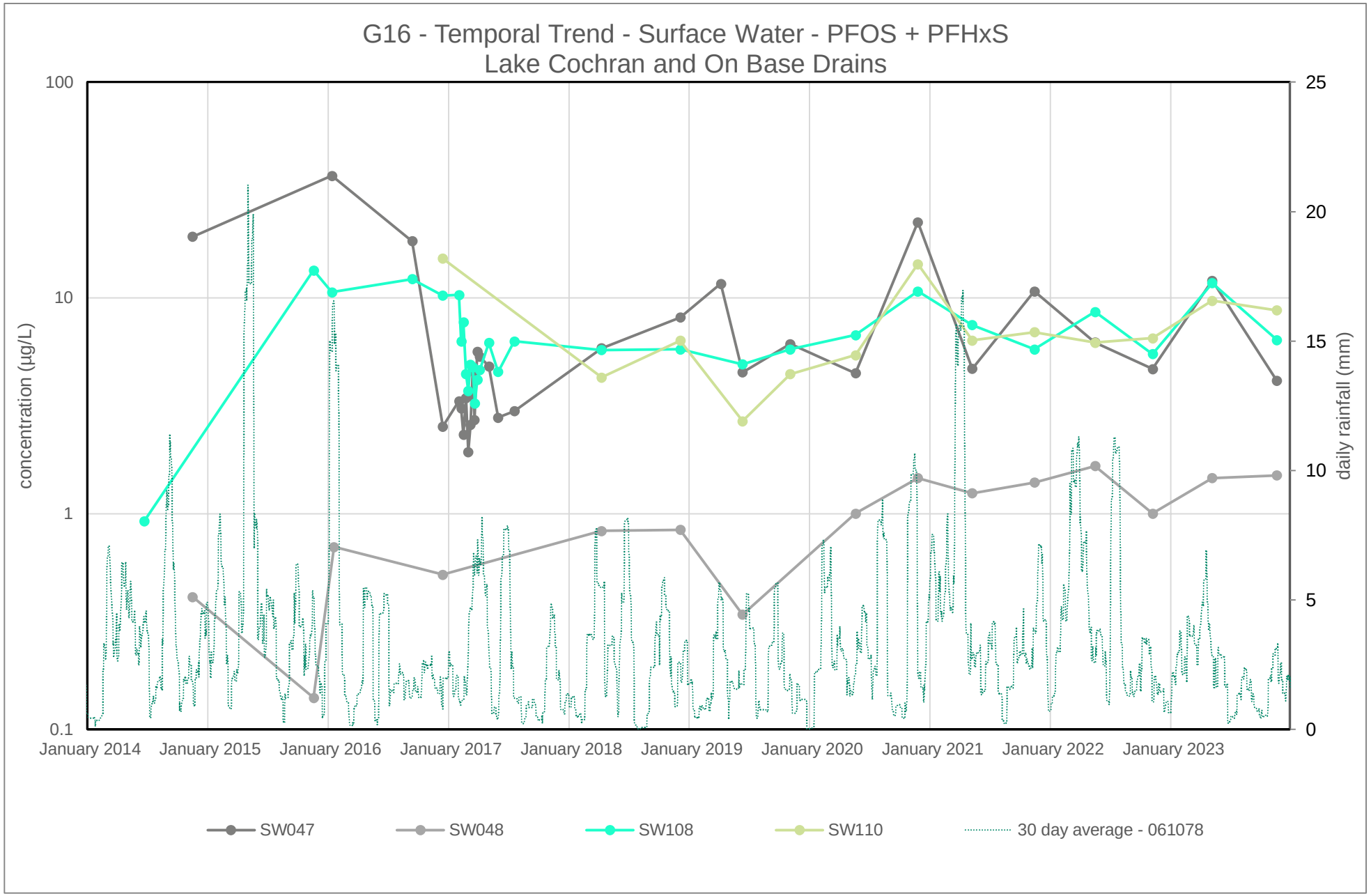

G11 - Temporal Trend - Groundwater PFOA
Former & Current Fire Station
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW196
MW198
MW201S
MW202S
30 day average - 061078

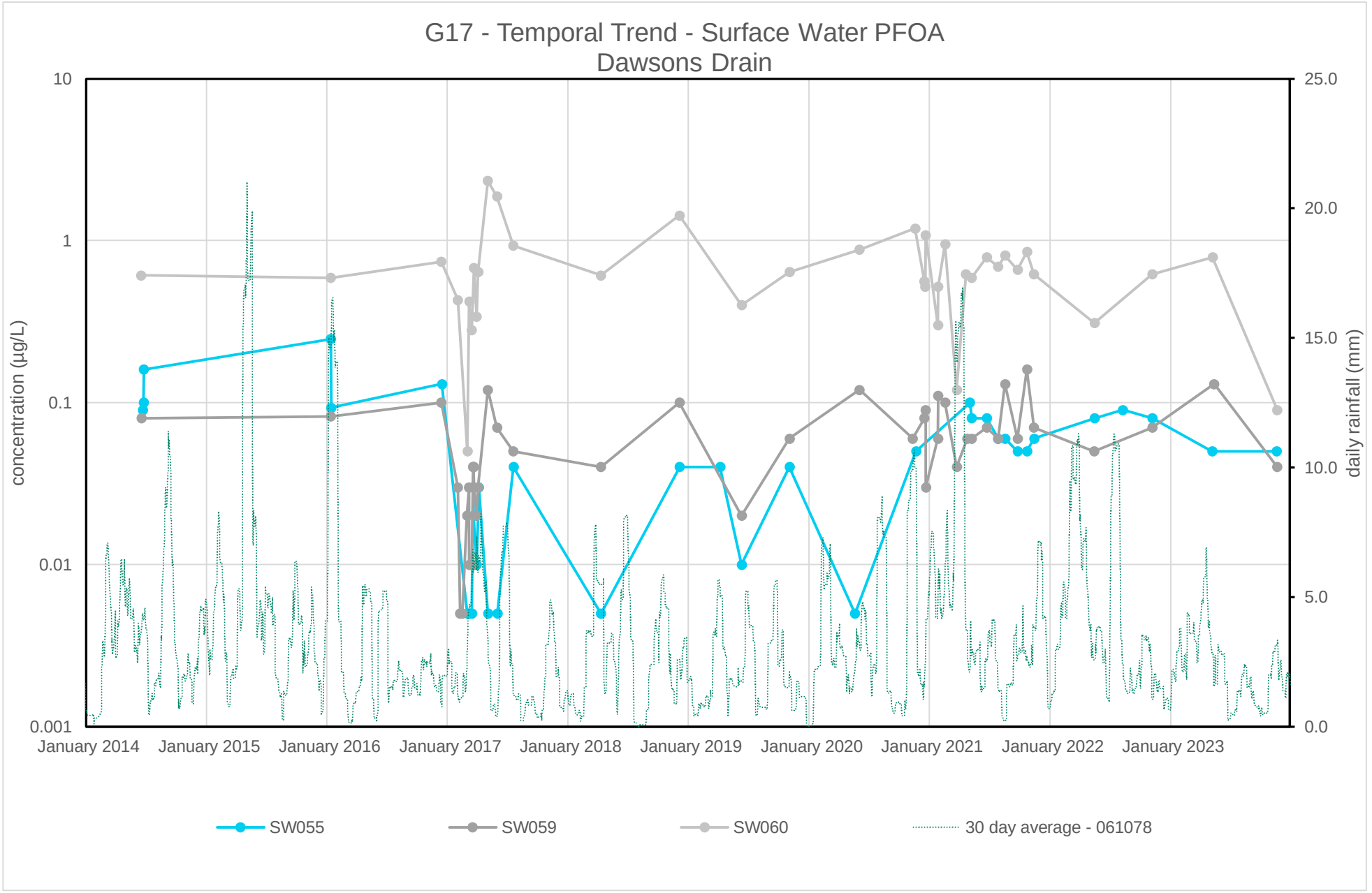

G12 - Temporal Trend - Groundwater - PFOS + PFHxS
Former & Current Fire Station
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW196
MW198
MW201S
MW202S
30 day average - 061078

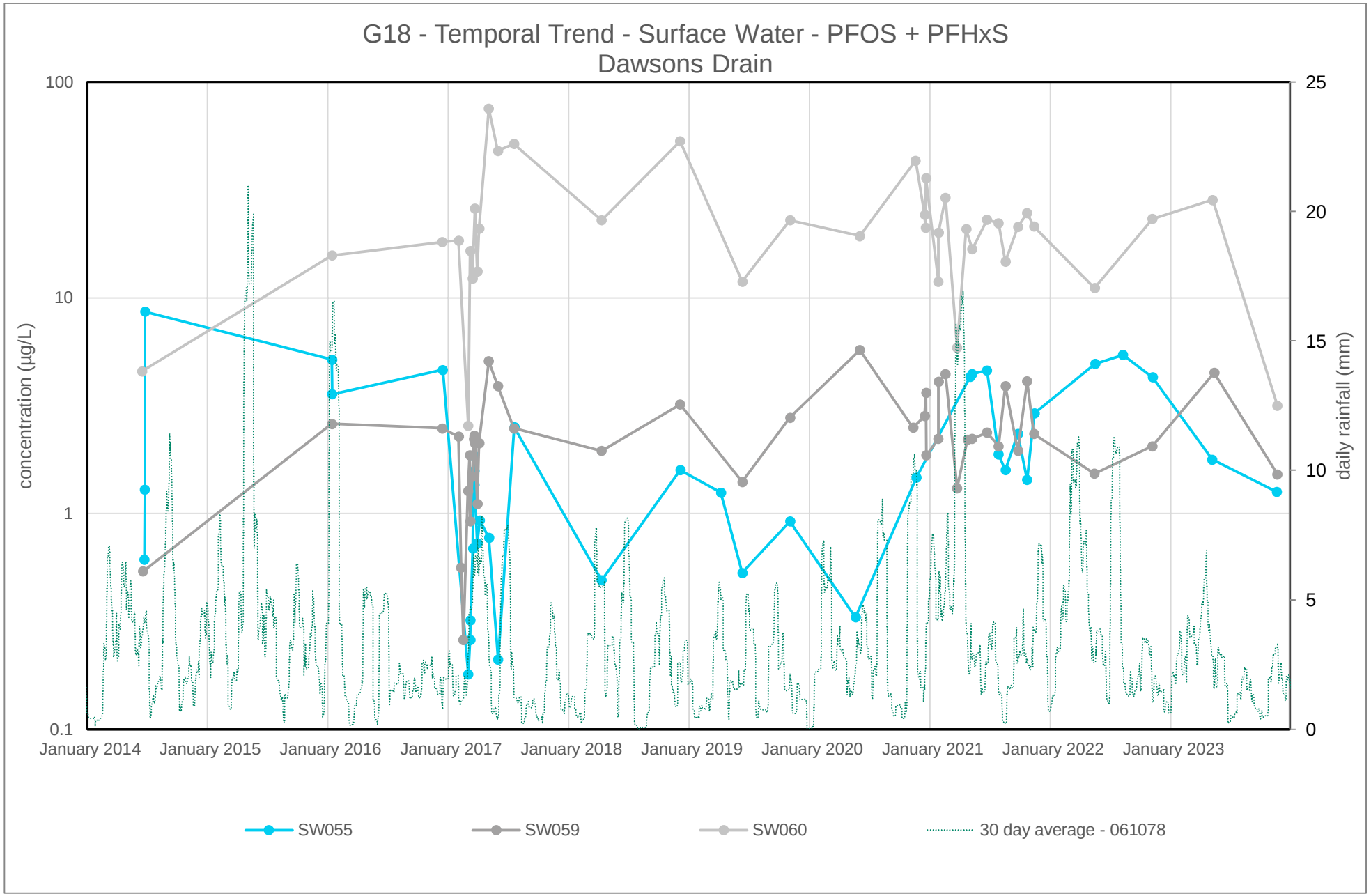

G13 - Temporal Trend - Groundwater PFOA
Trade Waste Treatment
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW106D
MW106S
MW208
MW210D
MW210S
MW212
30 day average - 061078

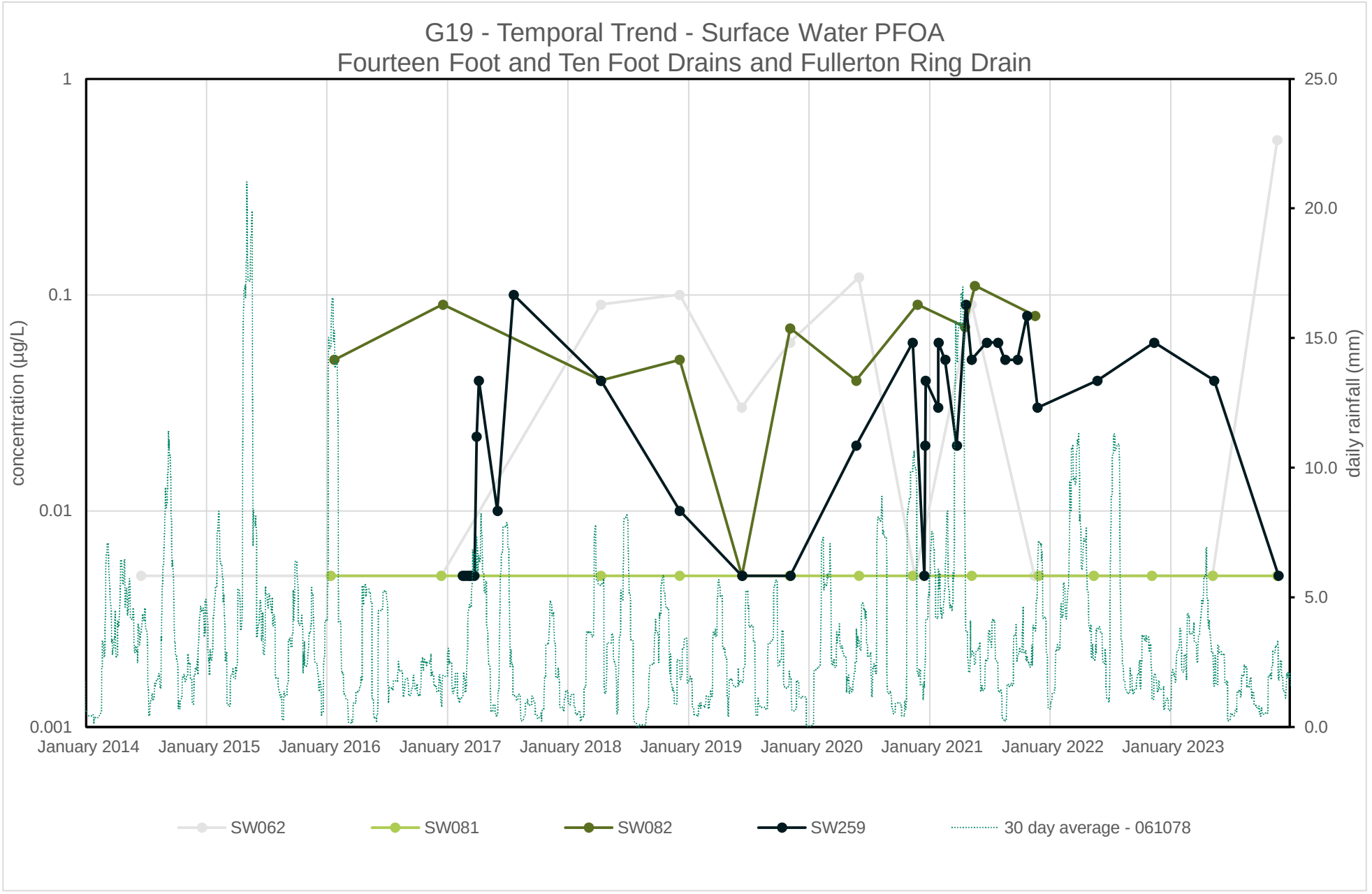

G14 - Temporal Trend - Groundwater - PFOS + PFHxS
Trade Waste Treatment
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
0.01
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
MW106D
MW106S
MW208
MW210D
MW210S
MW212
30 day average - 061078

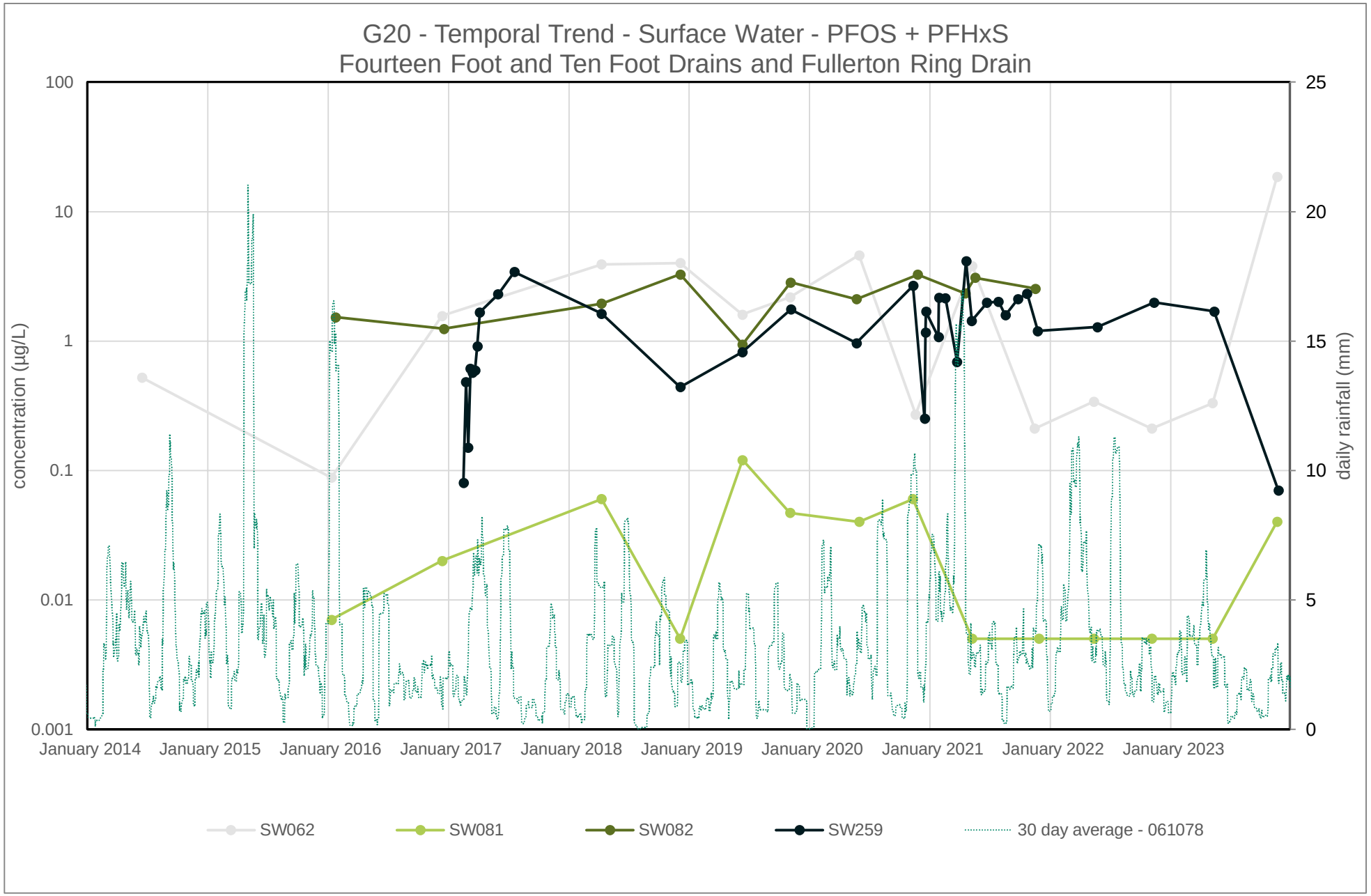

G15 - Temporal Trend - Surface Water PFOA
Lake Cochran and On Base Drains
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW047
SW048
SW108
SW110
30 day average - 061078

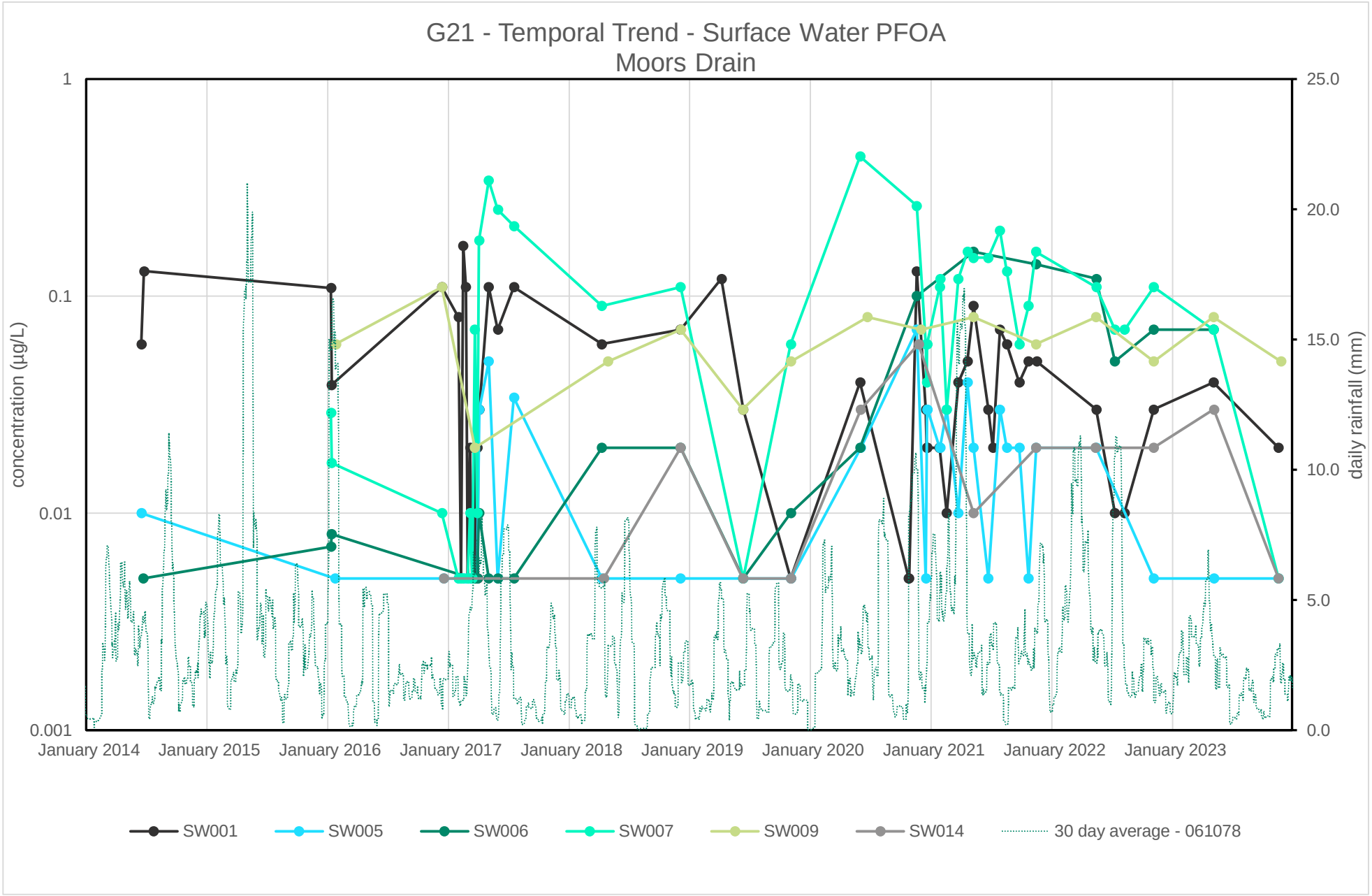

G16 - Temporal Trend - Surface Water - PFOS + PFHxS
Lake Cochran and On Base Drains
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW047
SW048
SW108
SW110
30 day average - 061078

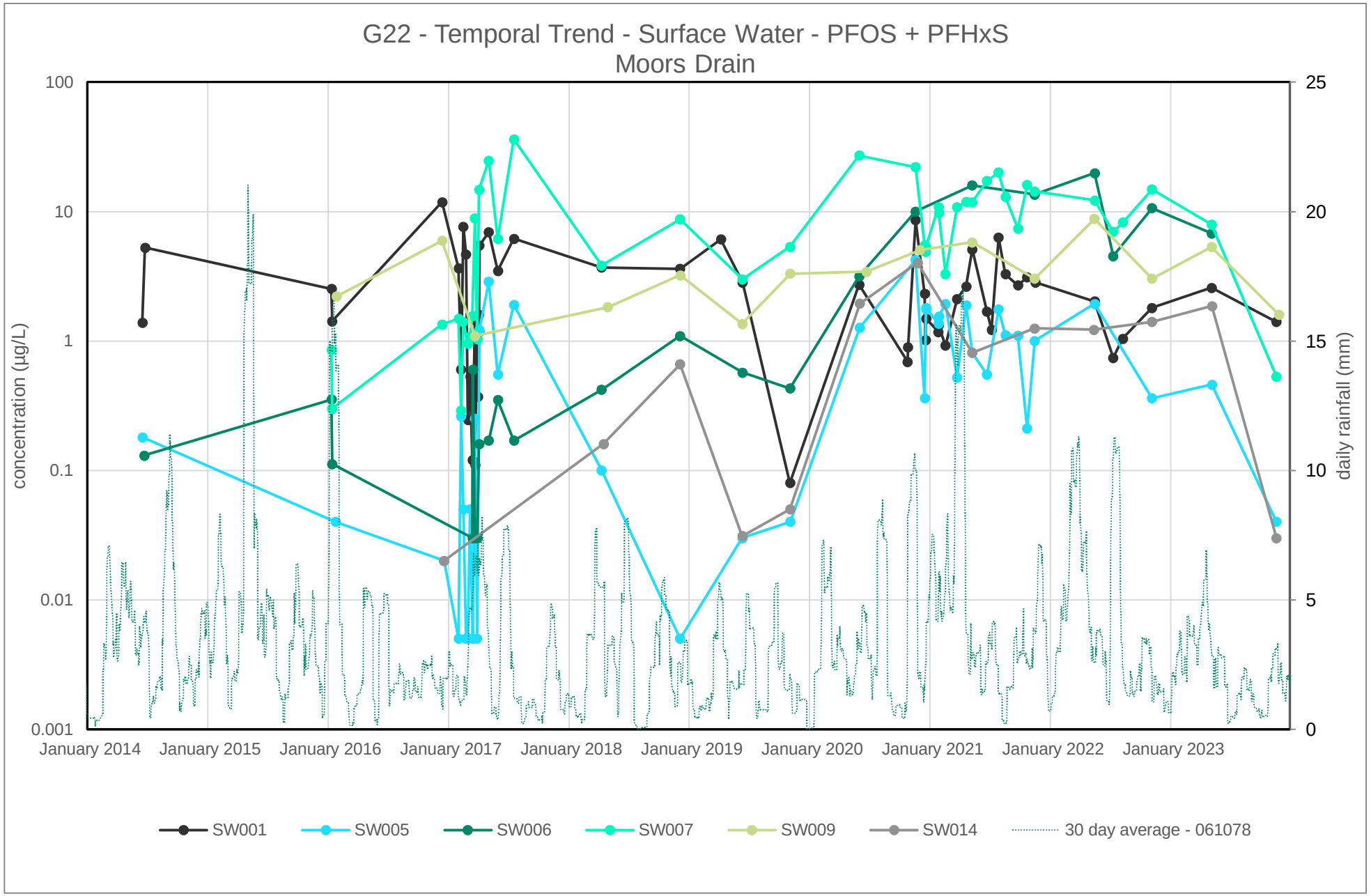

G17 - Temporal Trend - Surface Water PFOA
Dawsons Drain
concentration (µg/L)
daily rainfall (mm)
10
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW055
SW059
SW060
30 day average - 061078

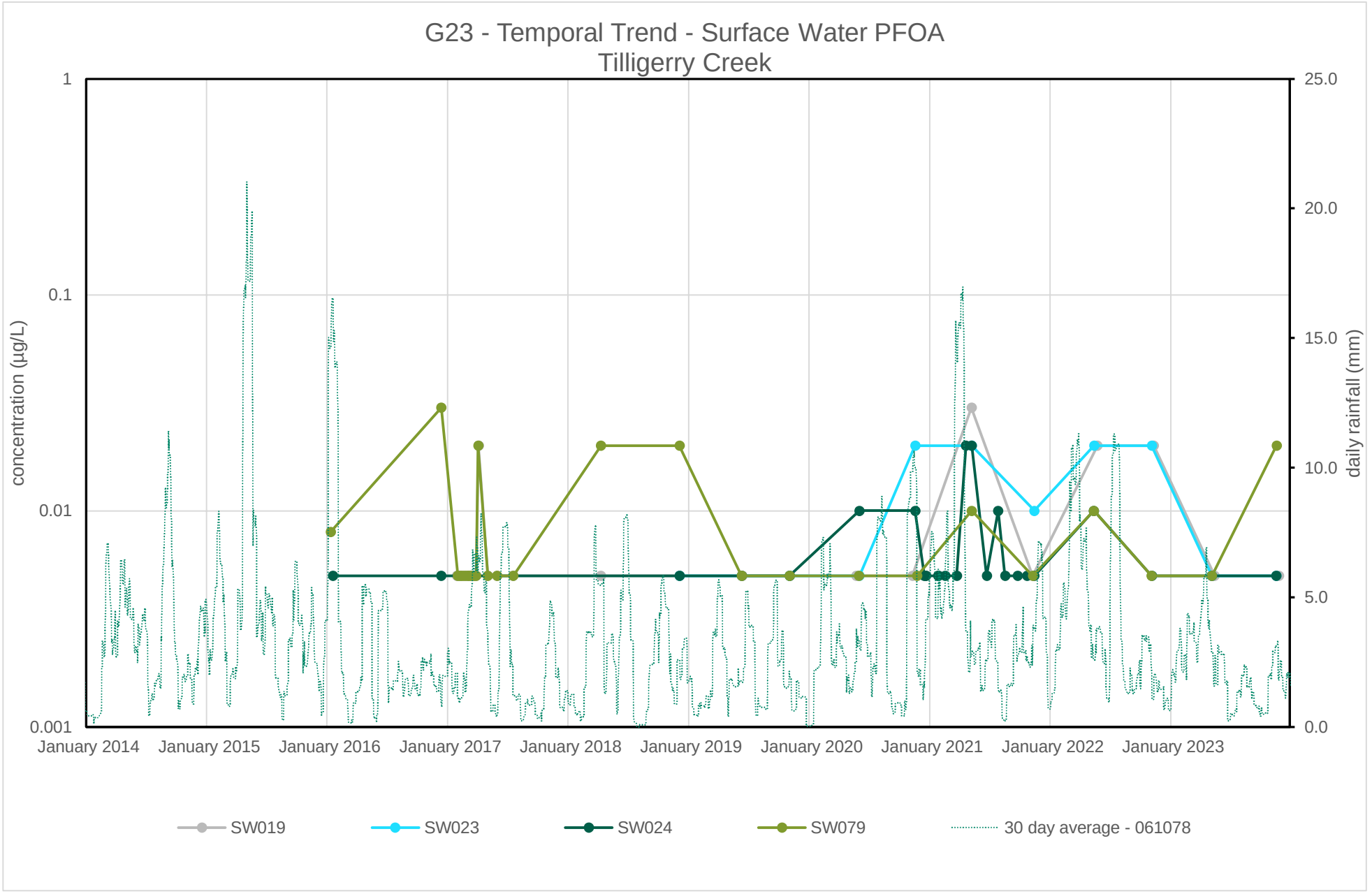

G18 - Temporal Trend - Surface Water - PFOS + PFHxS
Dawsons Drain
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW055
SW059
SW060
30 day average - 061078

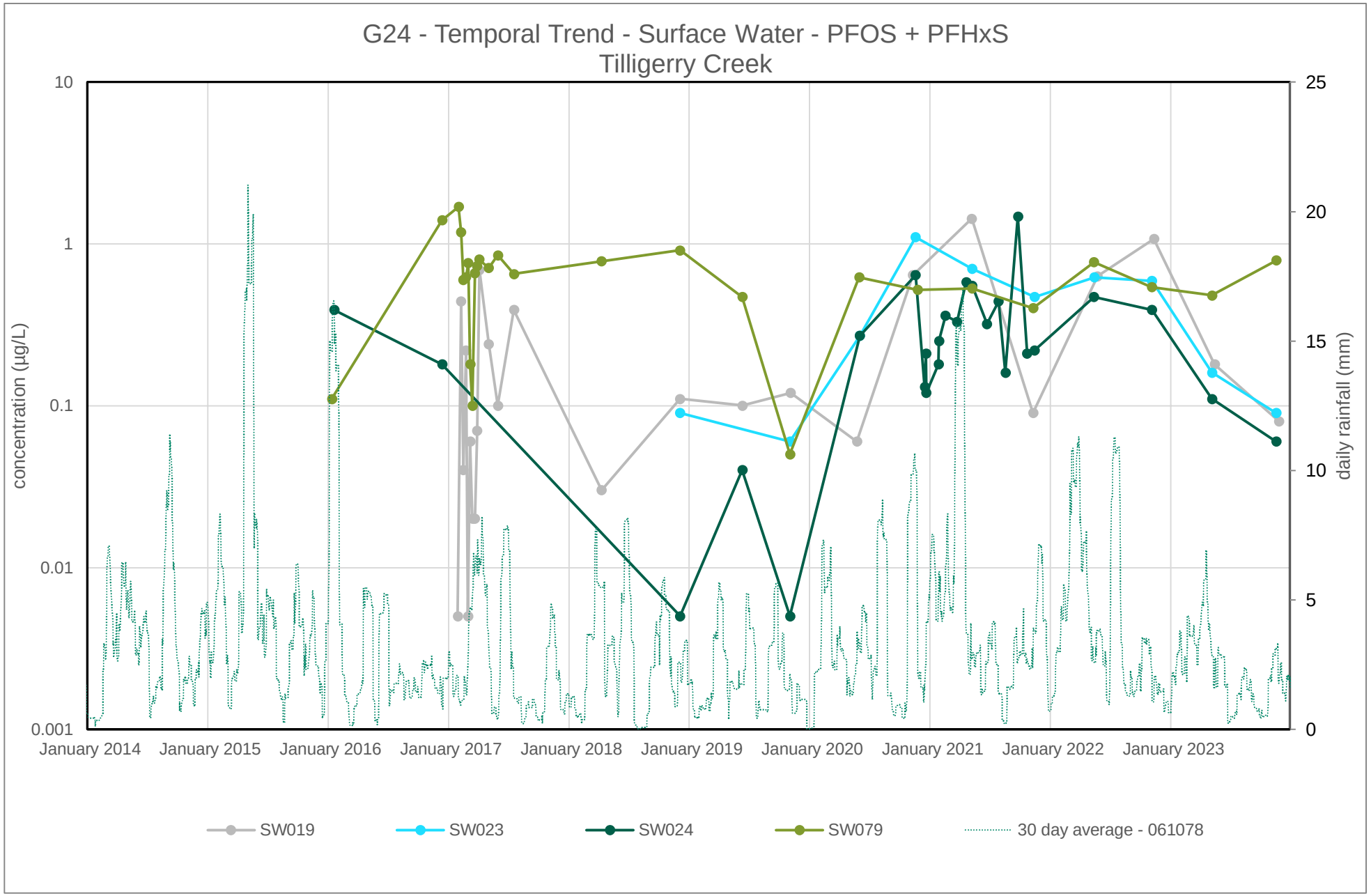

G19 - Temporal Trend - Surface Water PFOA
Fourteen Foot and Ten Foot Drains and Fullerton Ring Drain
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW062
SW081
SW082
SW259
30 day average - 061078

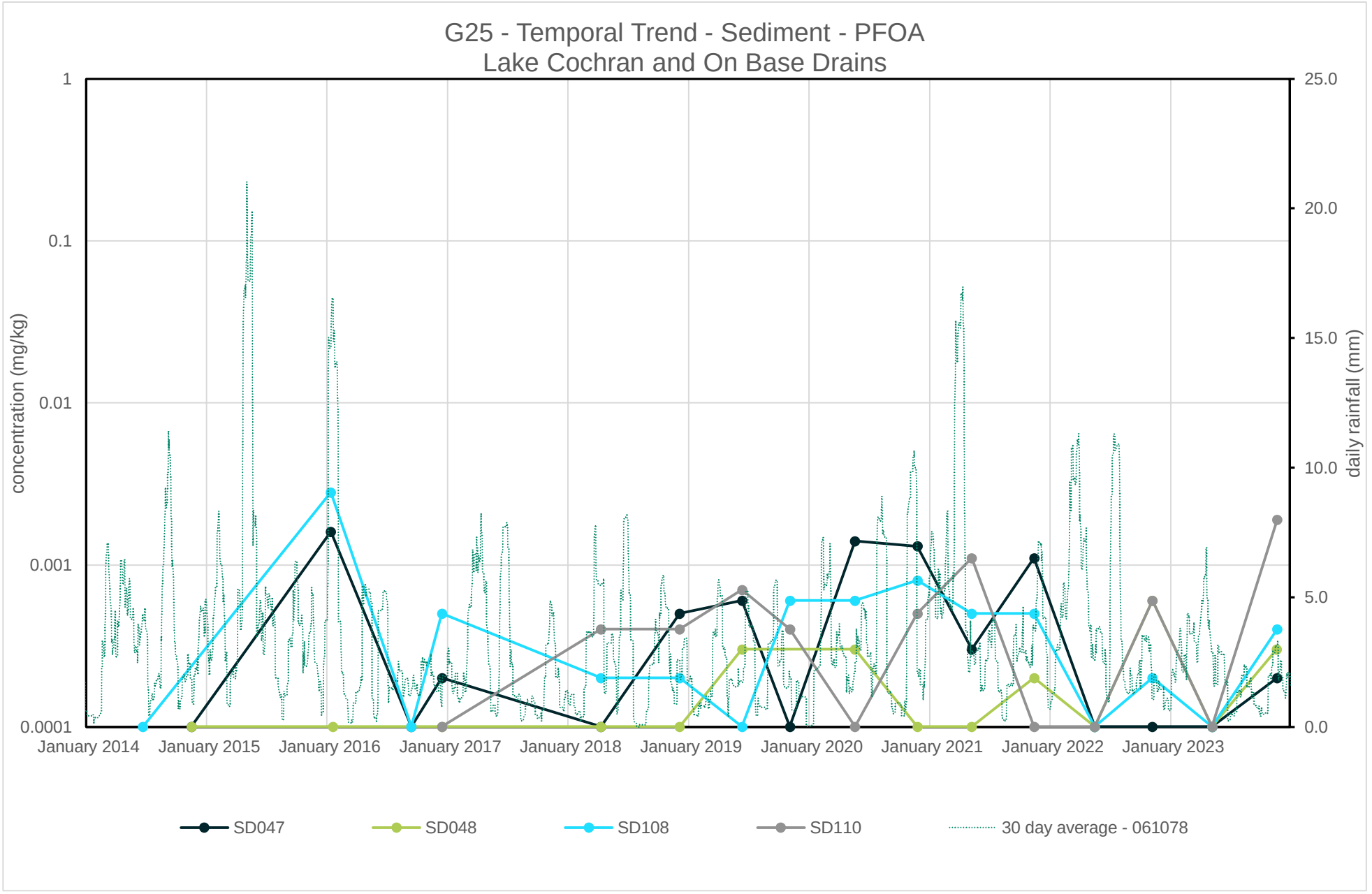

G20 - Temporal Trend - Surface Water - PFOS + PFHxS
Fourteen Foot and Ten Foot Drains and Fullerton Ring Drain
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
0.01
0.001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW062
SW081
SW082
SW259
30 day average - 061078

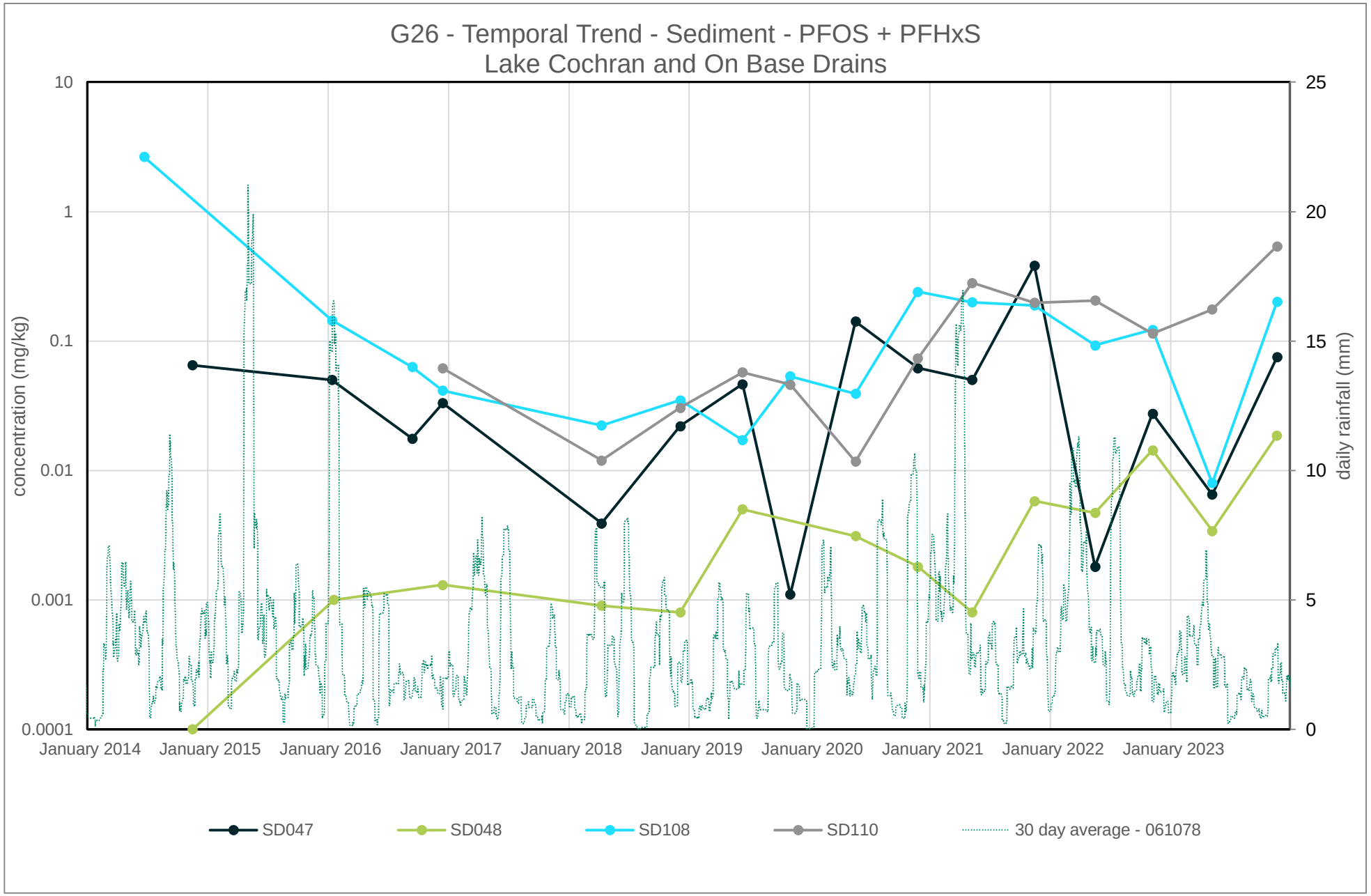

G21 - Temporal Trend - Surface Water PFOA
Moors Drain
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW001
SW005
SW006
SW007
SW009
SW014
30 day average - 061078

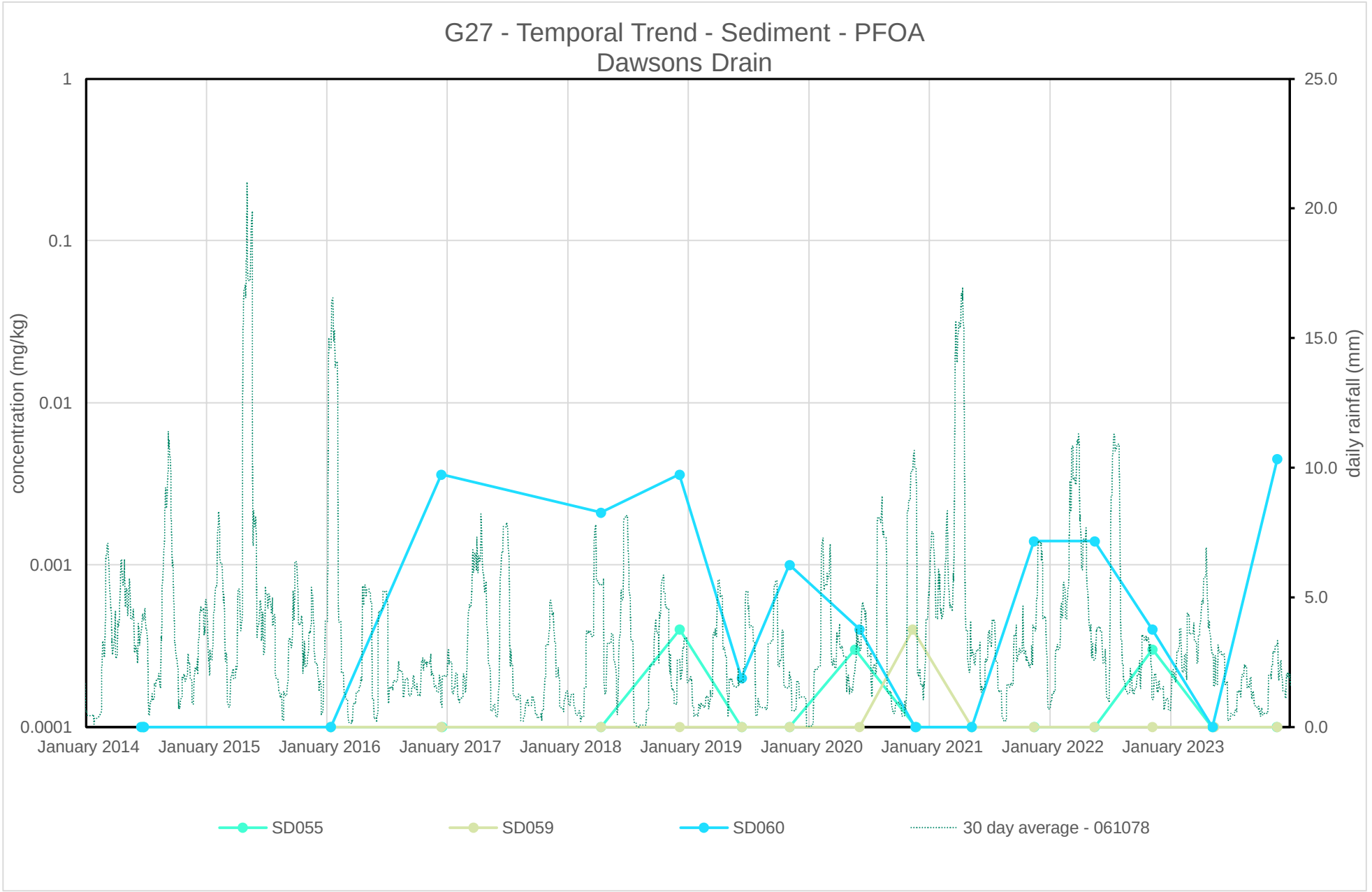

G22 - Temporal Trend - Surface Water - PFOS + PFHxS
Moors Drain
concentration (µg/L)
daily rainfall (mm)
100
10
1
0.1
0.01
0.001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW001
SW005
SW006
SW007
SW009
SW014
30 day average - 061078

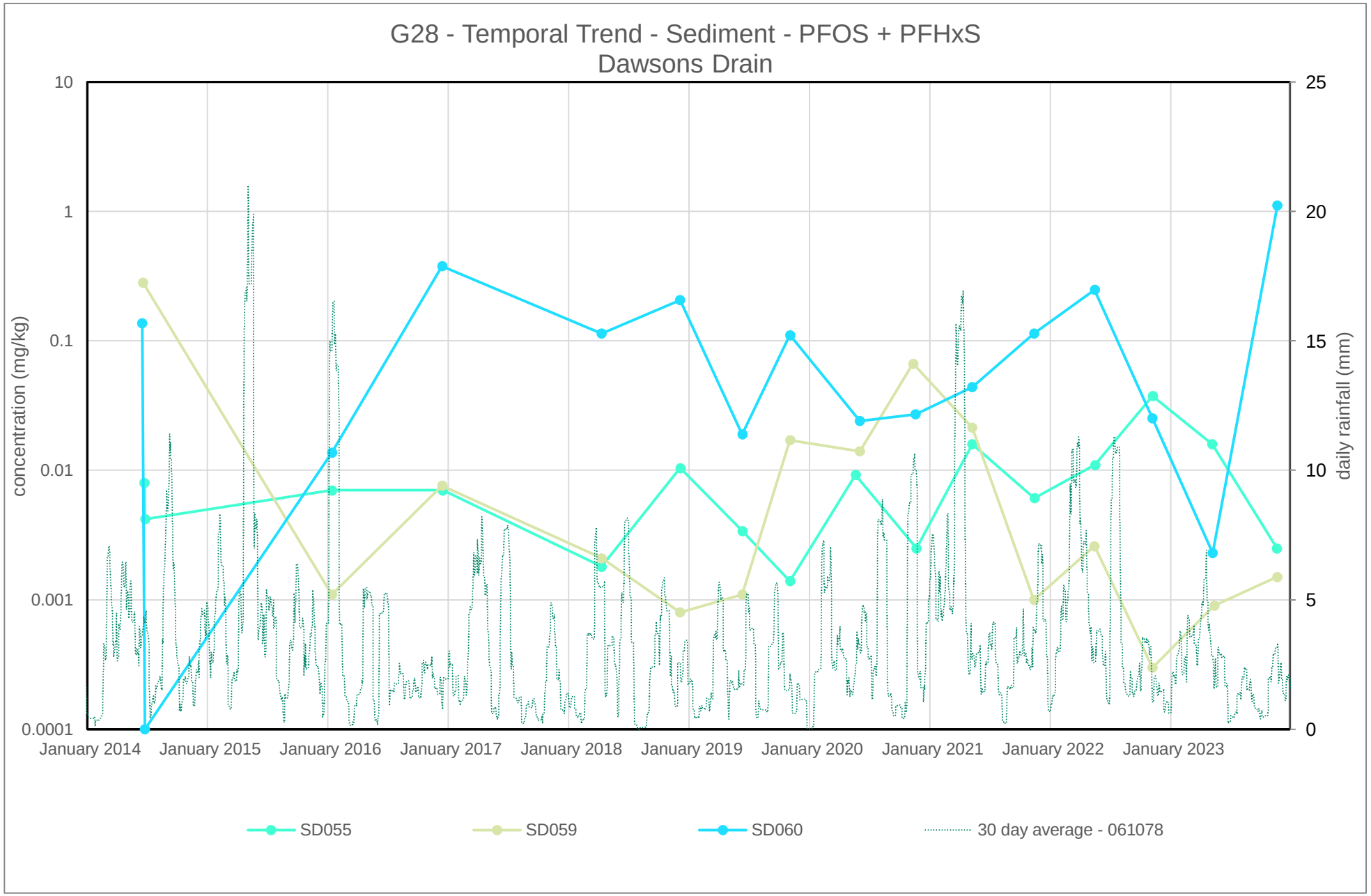

G23 - Temporal Trend - Surface Water PFOA
Tilligerry Creek
concentration (µg/L)
daily rainfall (mm)
1
0.1
0.01
0.001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW019
SW023
SW024
SW079
30 day average - 061078

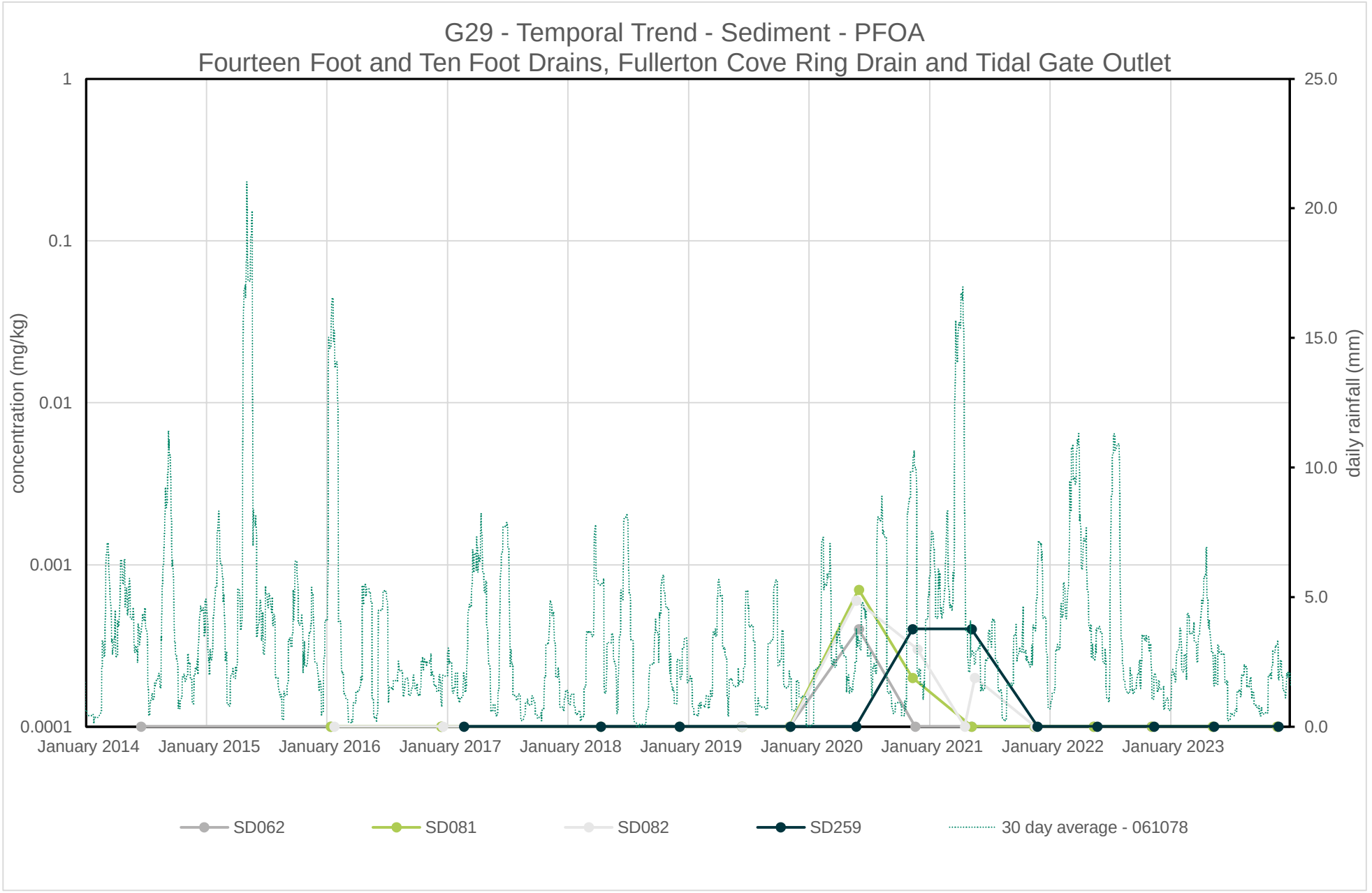

G24 - Temporal Trend - Surface Water - PFOS + PFHxS
Tilligerry Creek
concentration (µg/L)
daily rainfall (mm)
10
1
0.1
0.01
0.001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SW019
SW023
SW024
SW079
30 day average - 061078

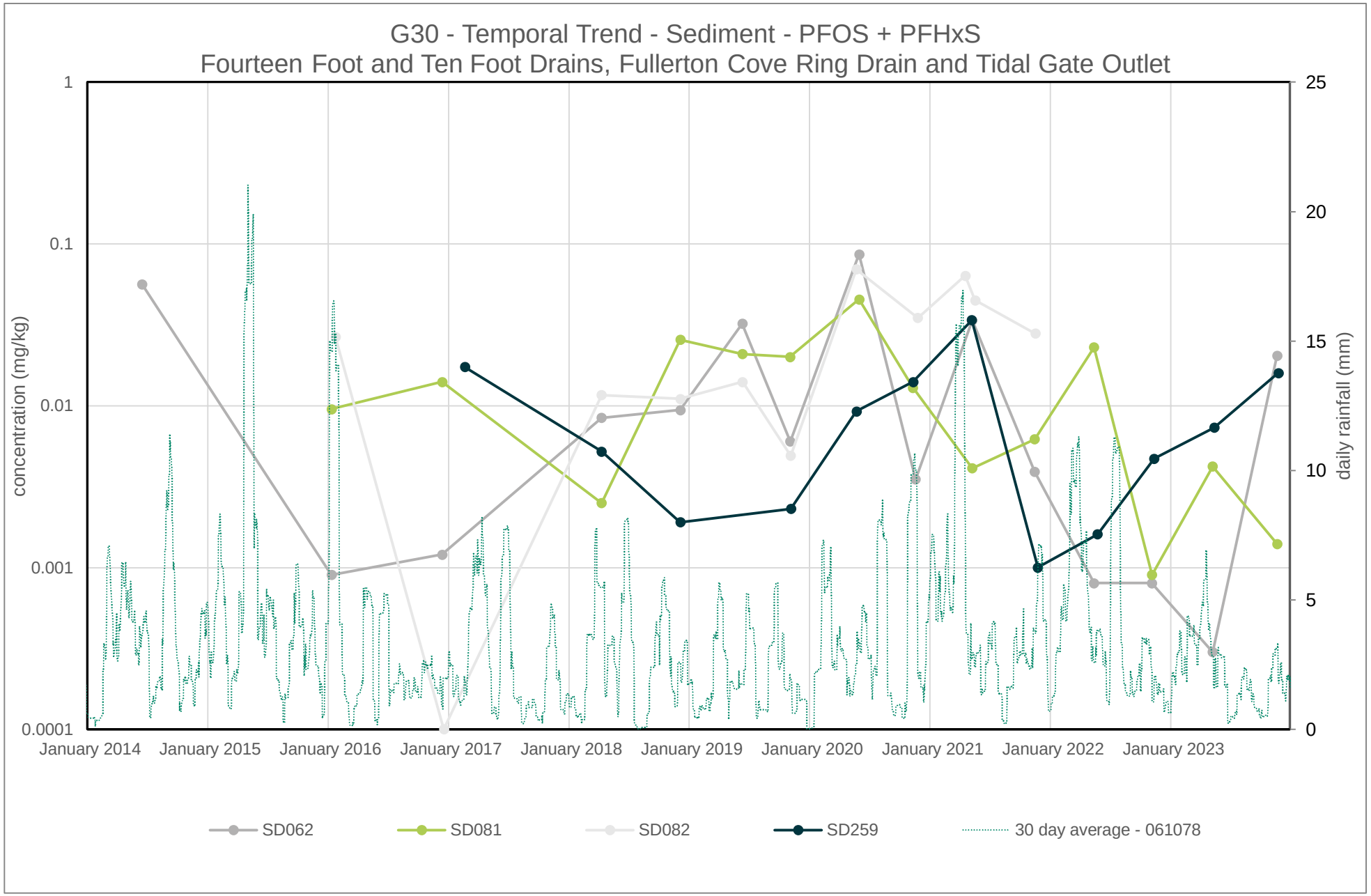

G25 - Temporal Trend - Sediment - PFOA
Lake Cochran and On Base Drains
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD047
SD048
SD108
SD110
30 day average - 061078

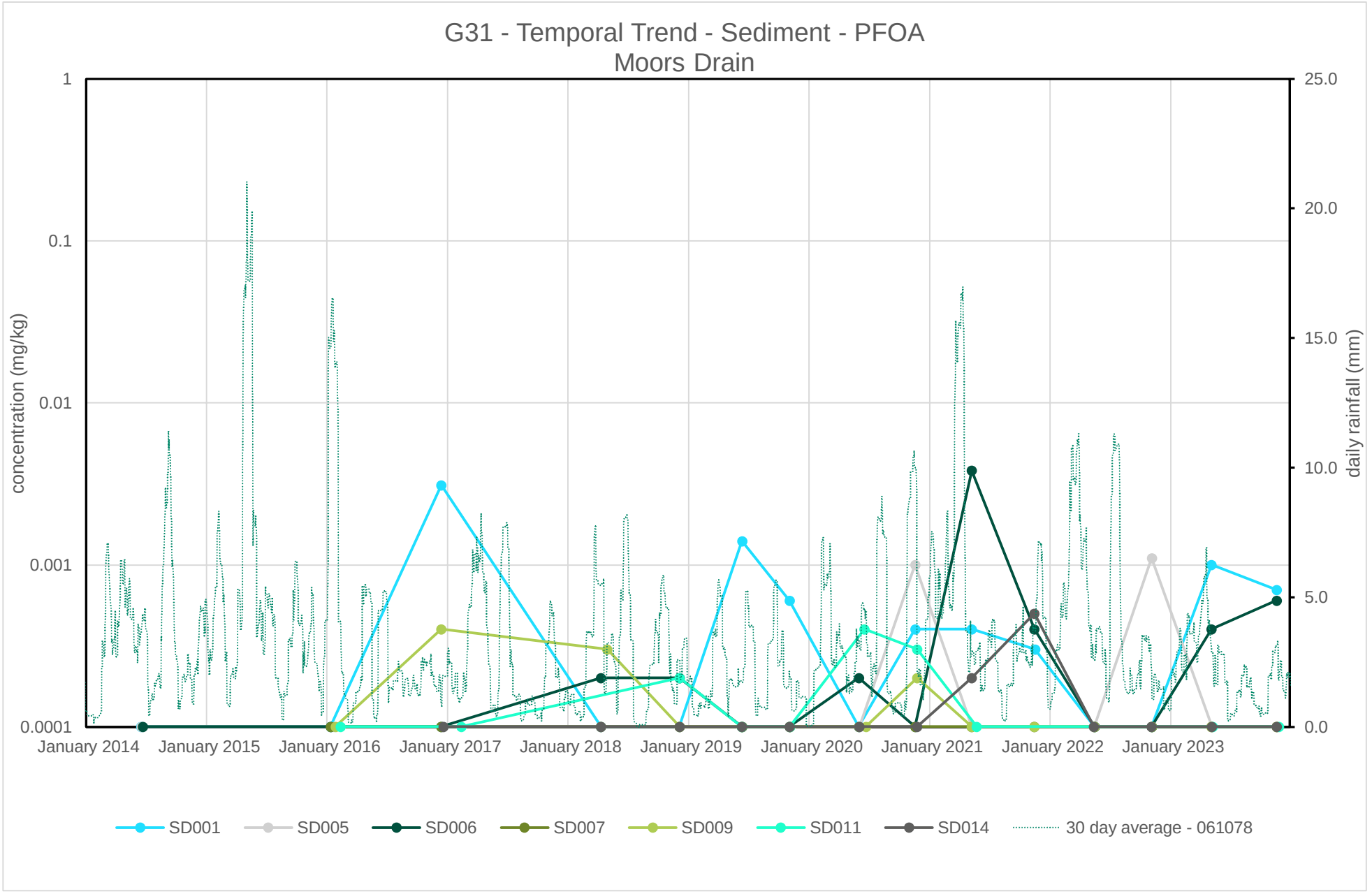

G26 - Temporal Trend - Sediment - PFOS + PFHxS
Lake Cochran and On Base Drains
concentration (mg/kg)
daily rainfall (mm)
10
1
0.1
0.01
0.001
0.0001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD047
SD048
SD108
SD110
30 day average - 061078

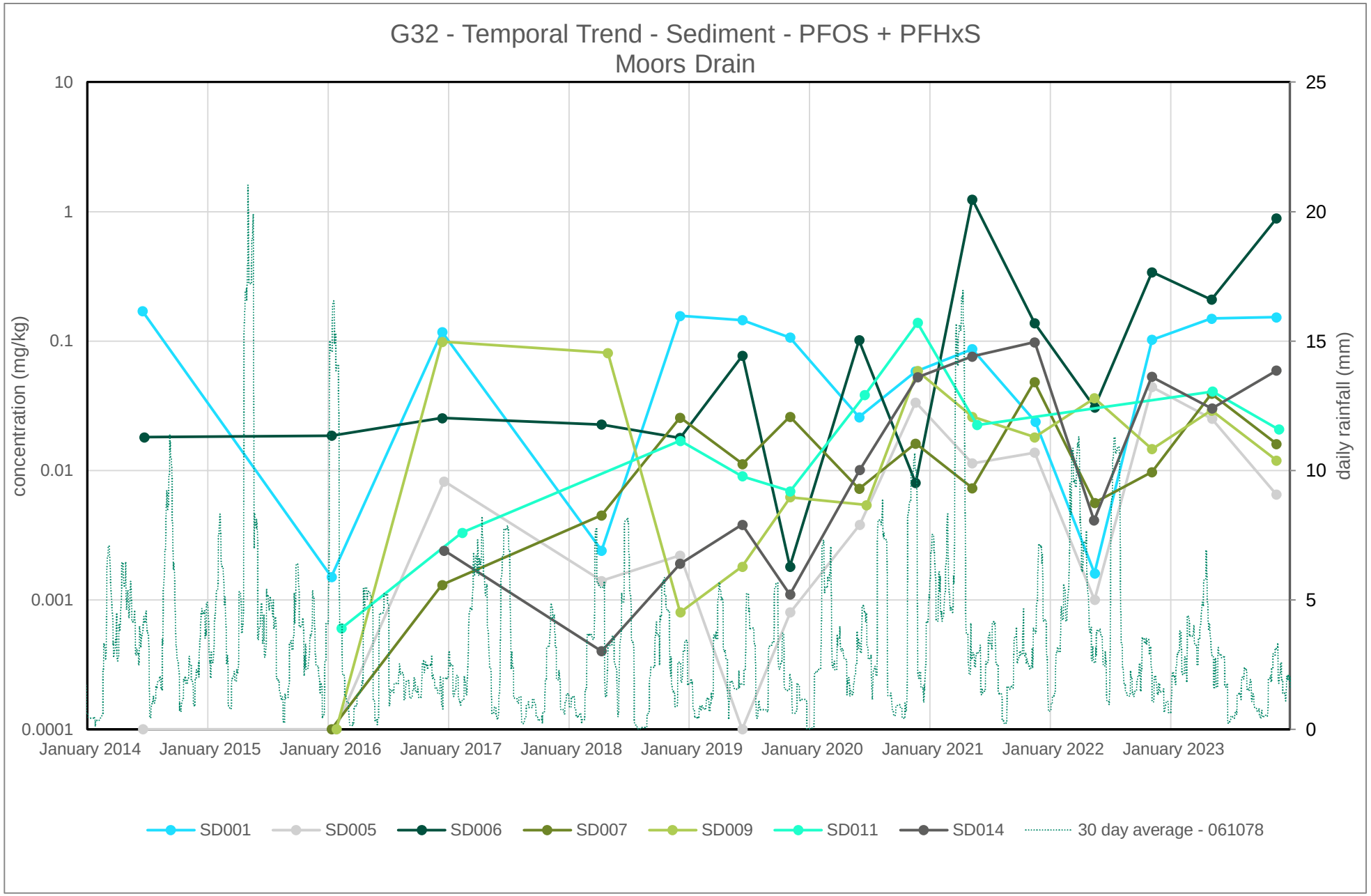

G27 - Temporal Trend - Sediment - PFOA
Dawsons Drain
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD055
SD059
SD060
30 day average - 061078

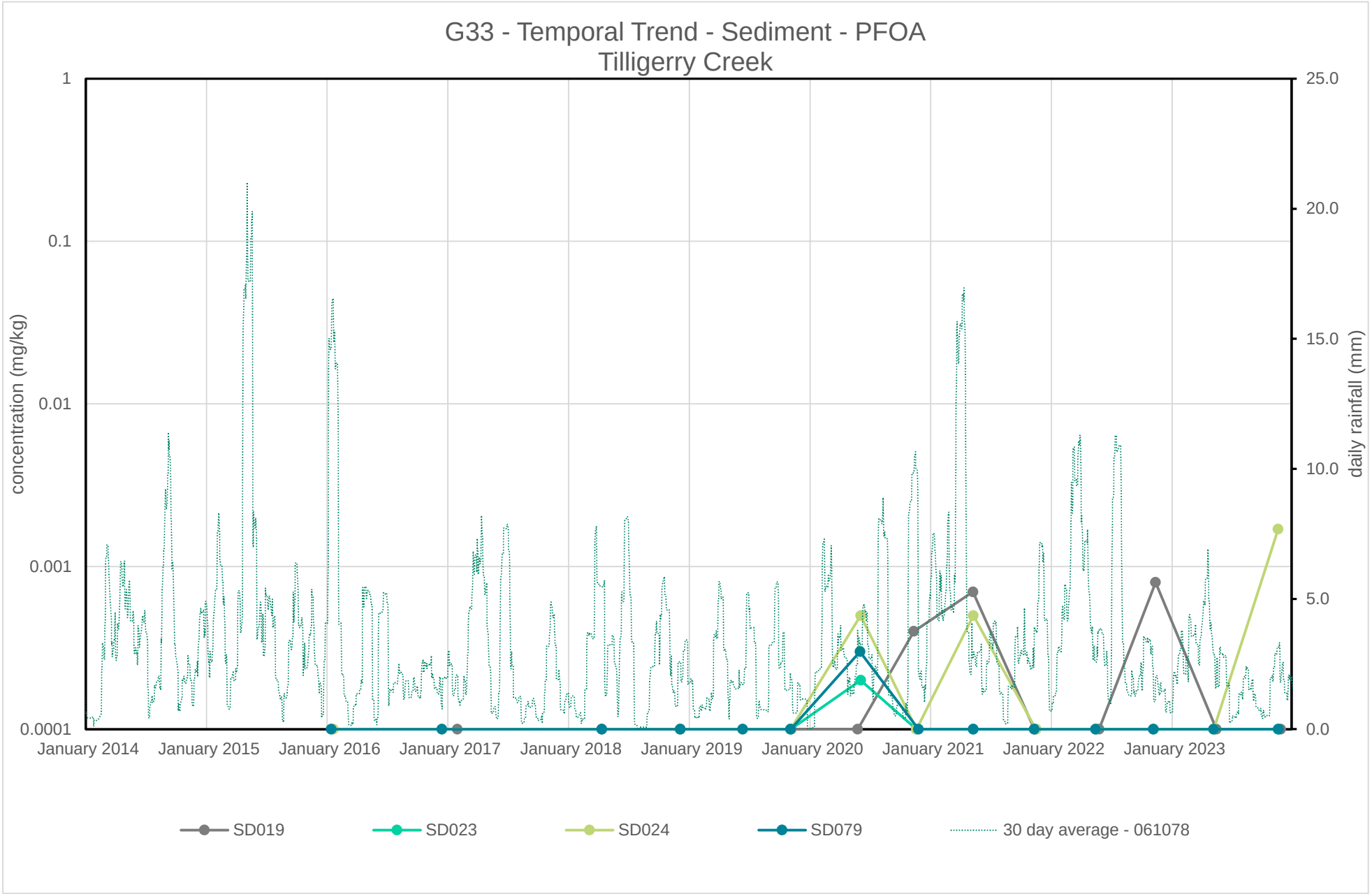

G28 - Temporal Trend - Sediment - PFOS + PFHxS
Dawsons Drain
concentration (mg/kg)
daily rainfall (mm)
10
1
0.1
0.01
0.001
0.0001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD055
SD059
SD060
30 day average - 061078

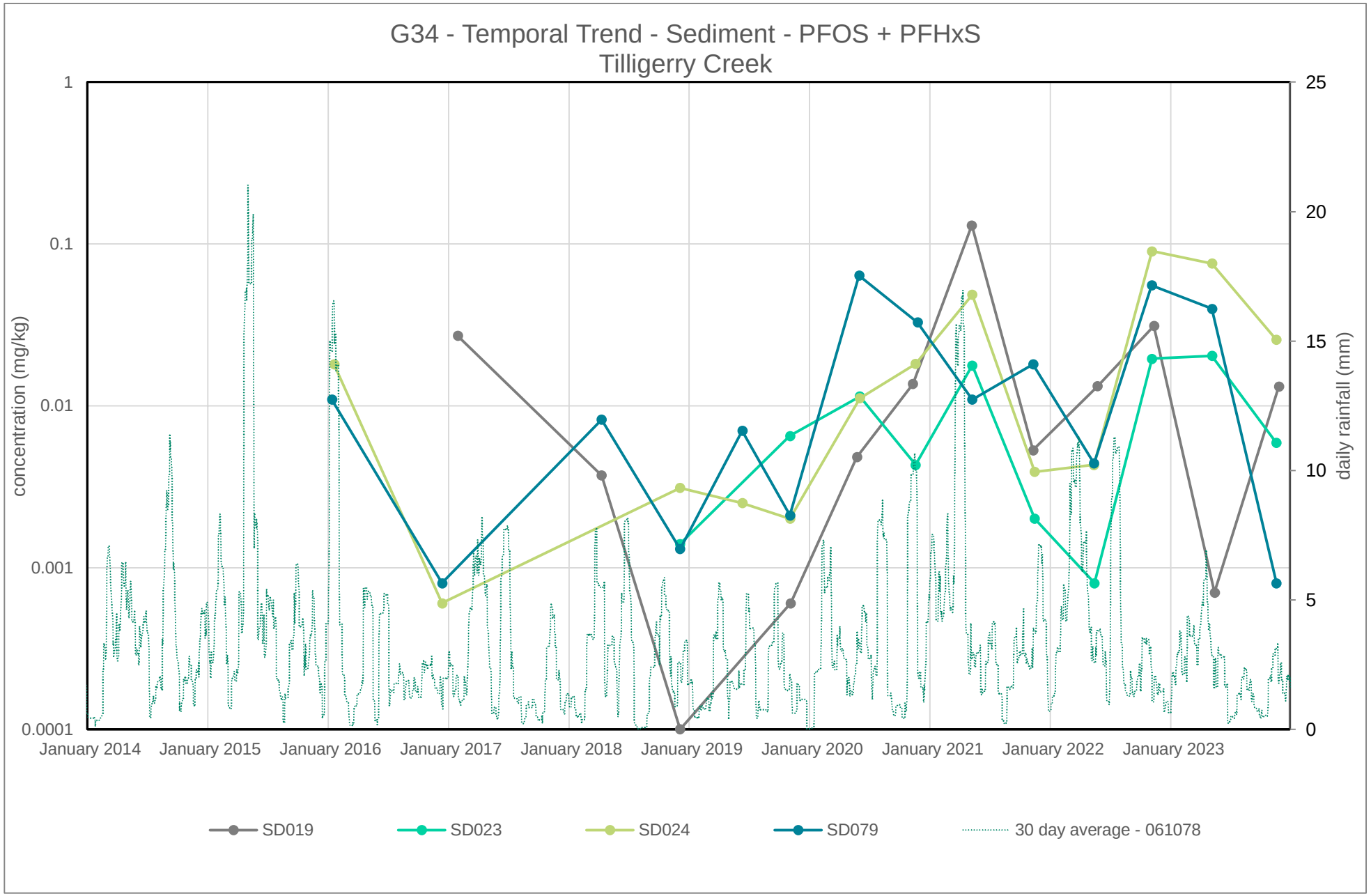

G29 - Temporal Trend - Sediment - PFOA
Fourteen Foot and Ten Foot Drains, Fullerton Cove Ring Drain and Tidal Gate Outlet
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD062
SD081
SD082
SD259
30 day average - 061078

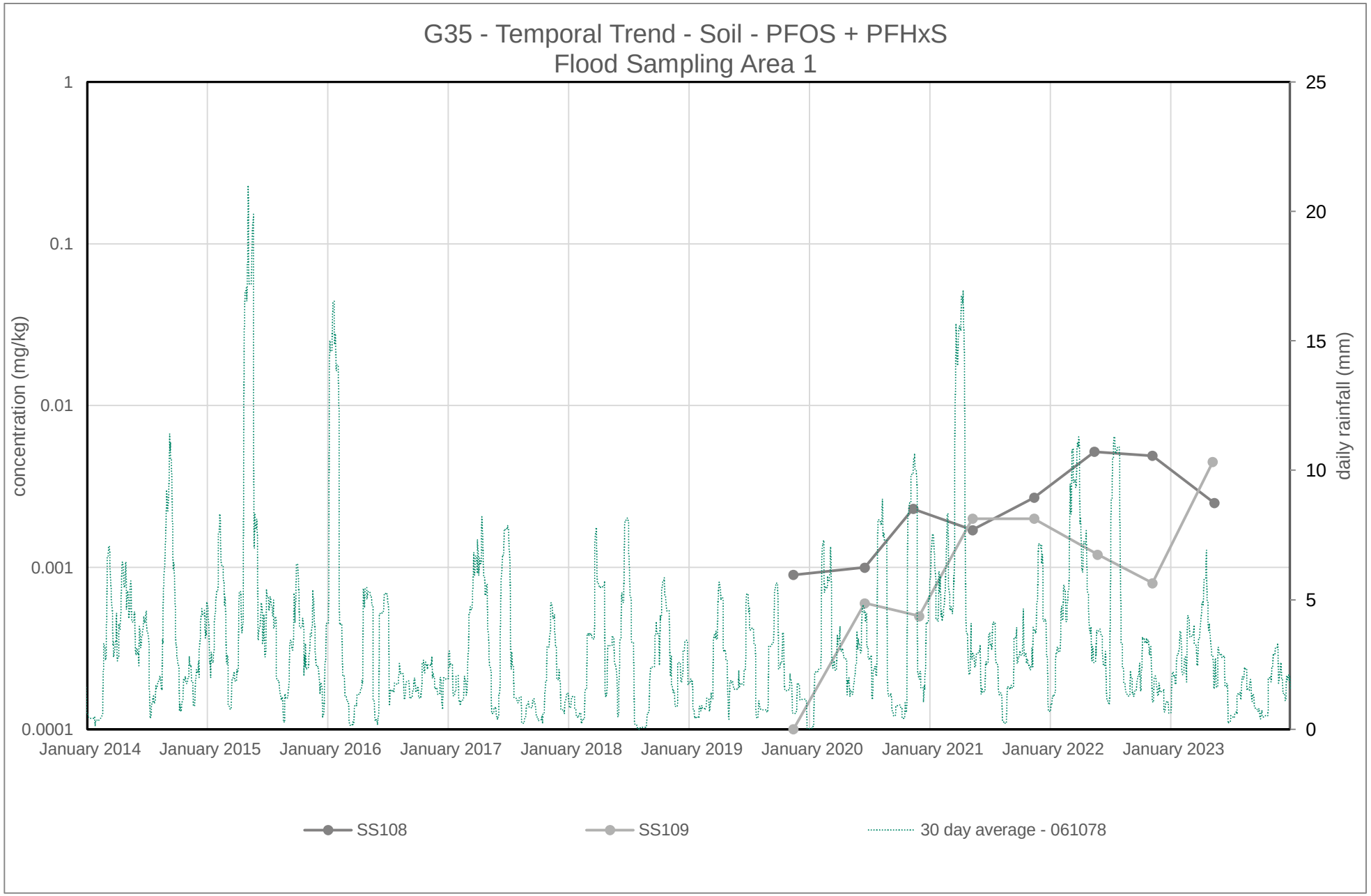

G30 - Temporal Trend - Sediment - PFOS + PFHxS
Fourteen Foot and Ten Foot Drains, Fullerton Cove Ring Drain and Tidal Gate Outlet
concentration (mg/kg)
1
0.1
0.01
0.001
0.0001
daily rainfall (mm)
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD062
SD081
SD082
SD259
30 day average - 061078

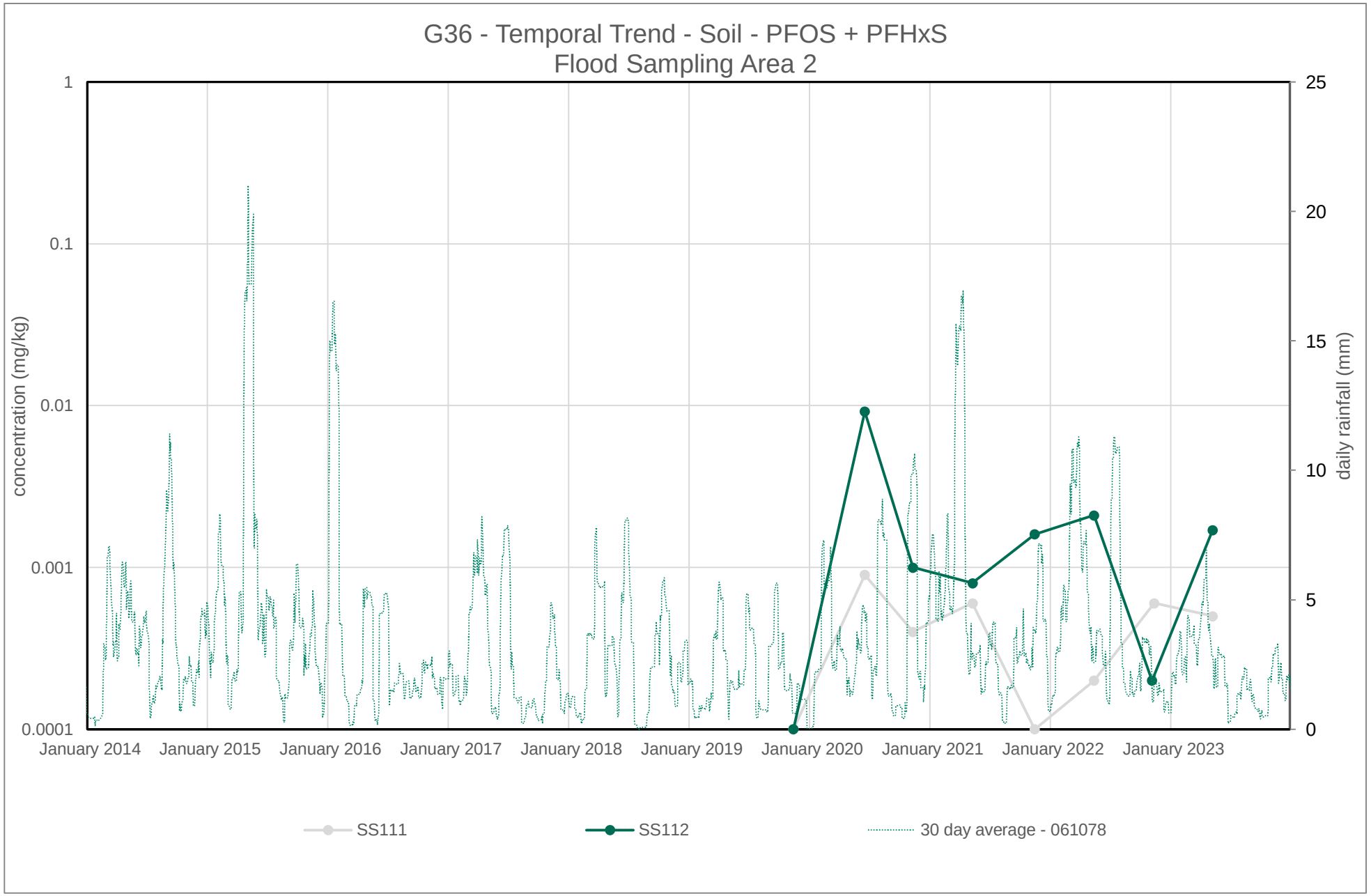

G31 - Temporal Trend - Sediment - PFOA
Moors Drain
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD001
SD005
SD006
SD007
SD009
SD011
SD014
30 day average - 061078

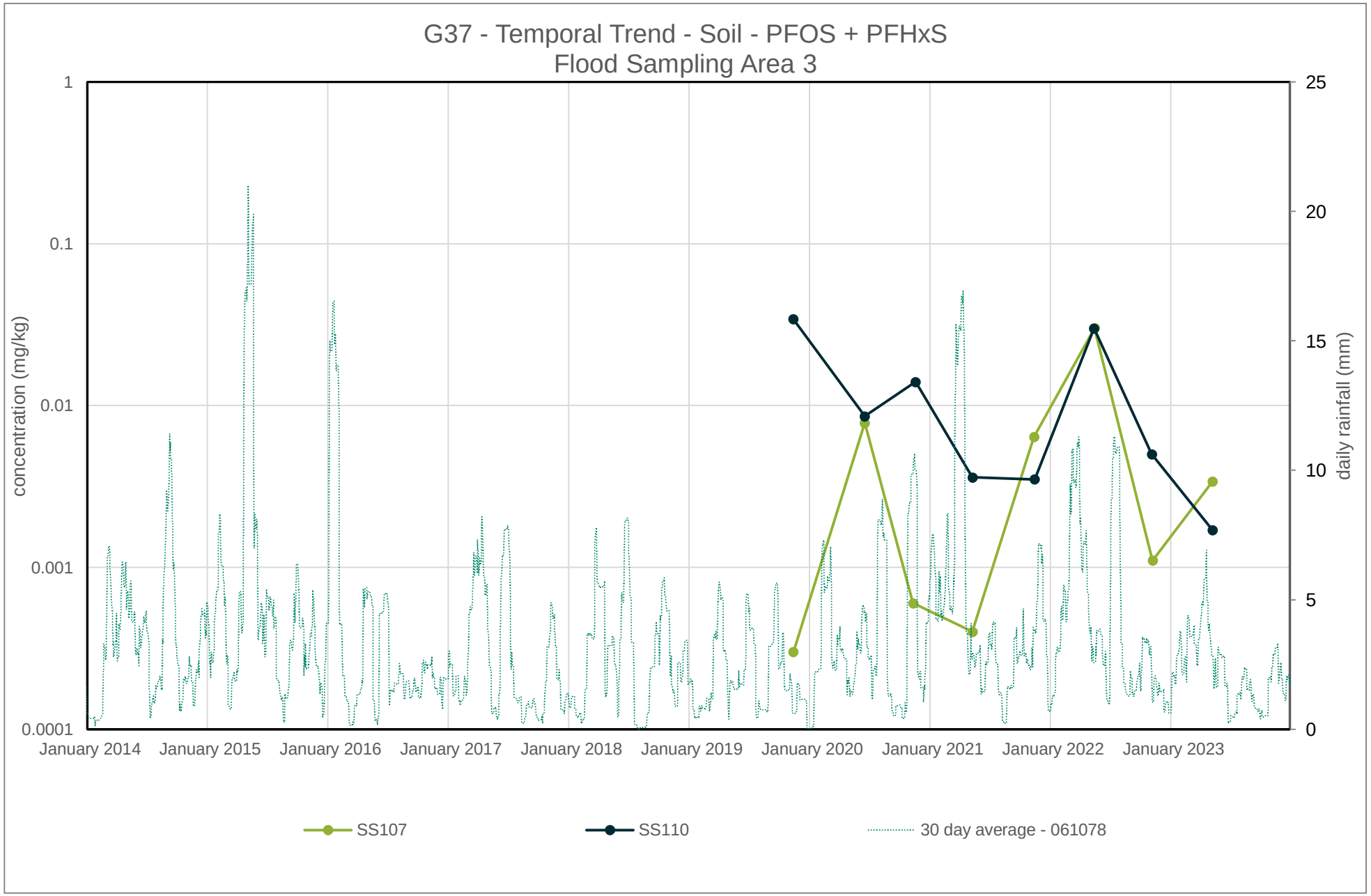

G32 - Temporal Trend - Sediment - PFOS + PFHxS
Moors Drain
concentration (mg/kg)
daily rainfall (mm)
10
1
0.1
0.01
0.001
0.0001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD001
SD005
SD006
SD007
SD009
SD011
SD014
30 day average - 061078

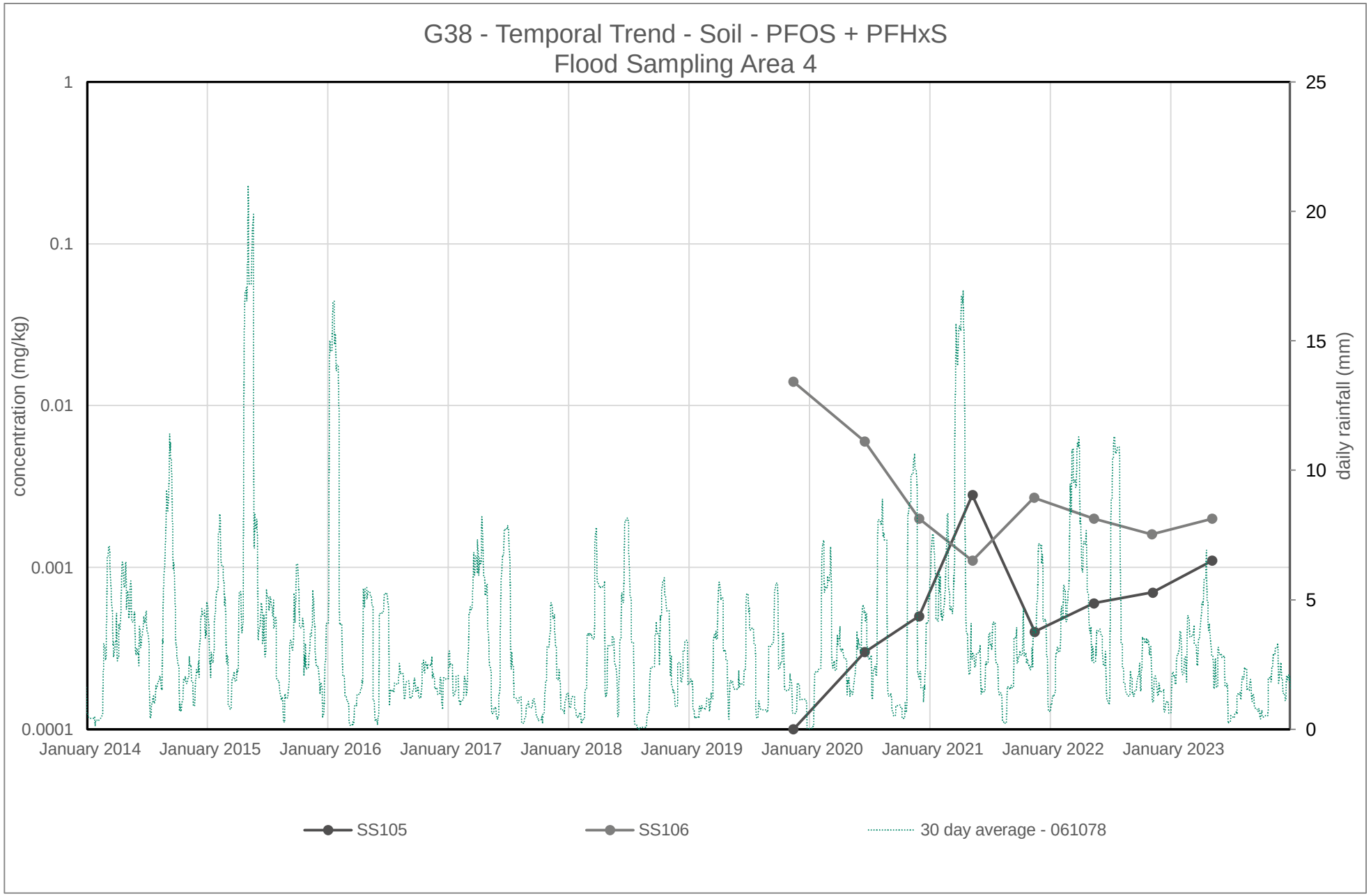

G33 - Temporal Trend - Sediment - PFOA
Tilligerry Creek
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25.0
20.0
15.0
10.0
5.0
0.0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD019
SD023
SD024
SD079
30 day average - 061078

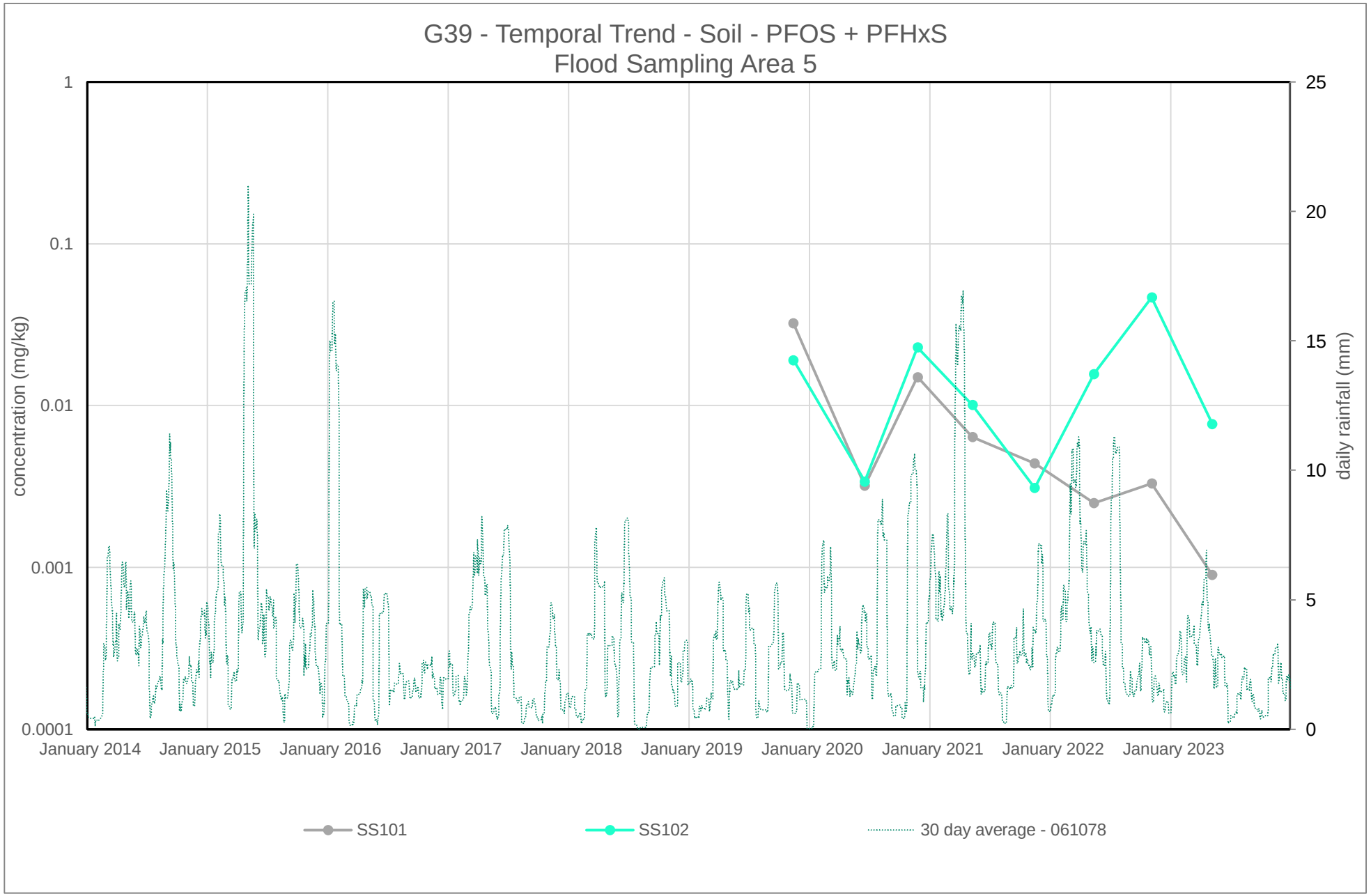

G34 - Temporal Trend - Sediment - PFOS + PFHxS
Tilligerry Creek
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SD019
SD023
SD024
SD079
30 day average - 061078

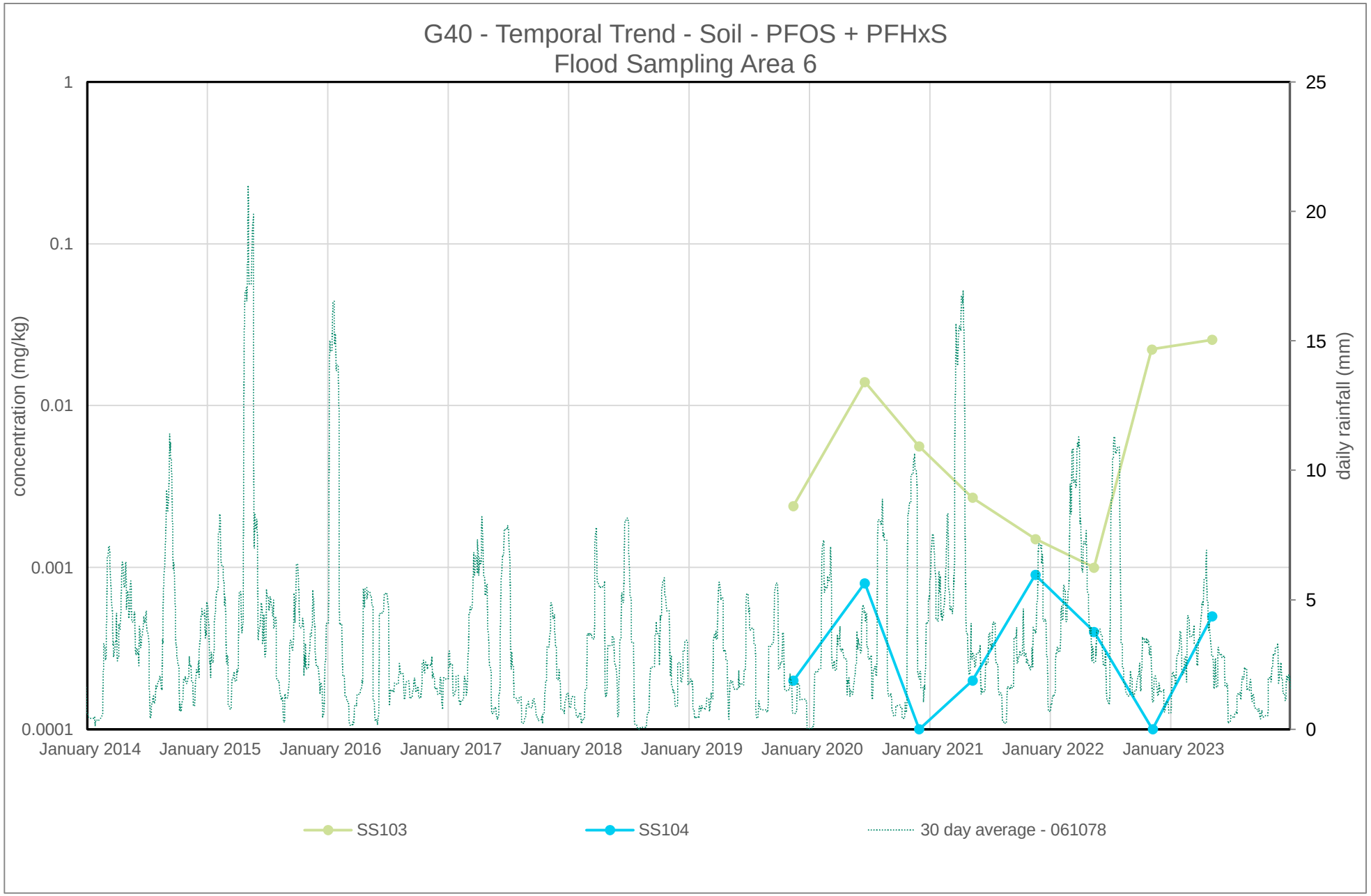

G35 - Temporal Trend - Soil - PFOS + PFHxS
Flood Sampling Area 1
concentration (mg/kg)
1
0.1
0.01
0.001
0.0001
daily rainfall (mm)
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SS108
SS109
30 day average - 061078


G36 - Temporal Trend - Soil - PFOS + PFHxS
Flood Sampling Area 2
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SS111
SS112
30 day average - 061078


G37 - Temporal Trend - Soil - PFOS + PFHxS
Flood Sampling Area 3
concentration (mg/kg)
1
0.1
0.01
0.001
0.0001
daily rainfall (mm)
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SS107
SS110
30 day average - 061078


G38 - Temporal Trend - Soil - PFOS + PFHxS
Flood Sampling Area 4
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SS105
SS106
30 day average - 061078


G39 - Temporal Trend - Soil - PFOS + PFHxS
Flood Sampling Area 5
concentration (mg/kg)
1
0.1
0.01
0.001
0.0001
daily rainfall (mm)
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SS101
SS102
30 day average - 061078


G40 - Temporal Trend - Soil - PFOS + PFHxS
Flood Sampling Area 6
concentration (mg/kg)
daily rainfall (mm)
1
0.1
0.01
0.001
0.0001
25
20
15
10
5
0
January 2014
January 2015
January 2016
January 2017
January 2018
January 2019
January 2020
January 2021
January 2022
January 2023
SS103
SS104
30 day average - 061078

Mann Kendall Analysis

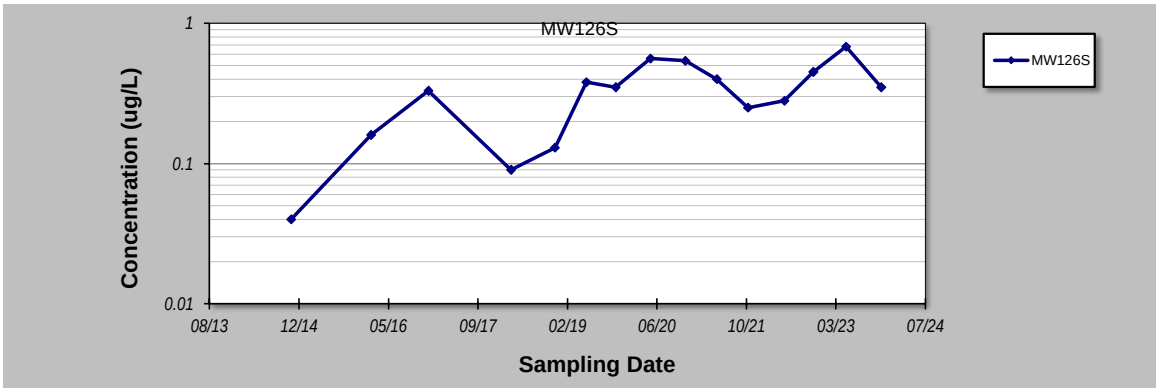
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Primary Management Zone	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW126S

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	13/11/2014	0.04
2	3/02/2016	0.16
3	19/12/2016	0.33
4	26/03/2018	0.09
5	26/11/2018	0.13
6	21/05/2019	0.38
7	1/11/2019	0.35
8	13/05/2020	0.56
9	24/11/2020	0.54
10	19/05/2021	0.4
11	9/11/2021	0.25
12	31/05/2022	0.28
13	9/11/2022	0.45
14	11/05/2023	0.68
15	23/11/2023	0.35
16		
17		
18		
19		
20		
Coefficient of Variation:		0.55
Mann-Kendall Statistic (S):		48
Confidence Factor:		99.1%
Concentration Trend:		Increasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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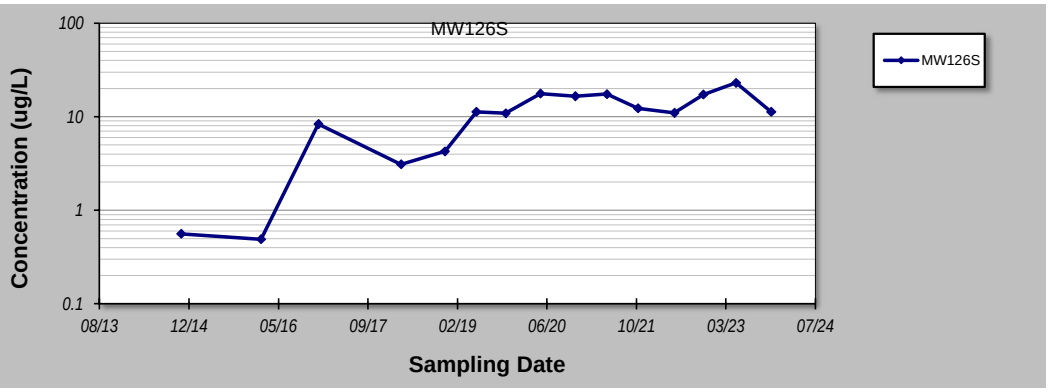
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Primary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW126S

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	13/11/2014	0.56
2	3/02/2016	0.49
3	19/12/2016	8.37
4	26/03/2018	3.11
5	26/11/2018	4.27
6	21/05/2019	11.3
7	1/11/2019	10.9
8	13/05/2020	17.7
9	24/11/2020	16.6
10	19/05/2021	17.5
11	9/11/2021	12.3
12	31/05/2022	11
13	9/11/2022	17.3
14	11/05/2023	23
15	23/11/2023	11.3
16		
17		
18		
19		
20		
Coefficient of Variation:		0.61
Mann-Kendall Statistic (S):		60
Confidence Factor:		99.9%
Concentration Trend:		Increasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Primary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW126D

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	19/12/2016	0.02
2	7/02/2017	0.005
3	26/03/2018	0.005
4	20/11/2018	0.005
5	21/05/2019	0.005
6	1/11/2019	0.5
7	13/05/2020	0.02
8	24/11/2020	0.04
9	19/05/2021	0.005
10	9/11/2021	0.005
11	31/05/2022	0.01
12	9/11/2022	0.005
13	11/05/2023	0.005
14	23/11/2023	0.005
15		
16		
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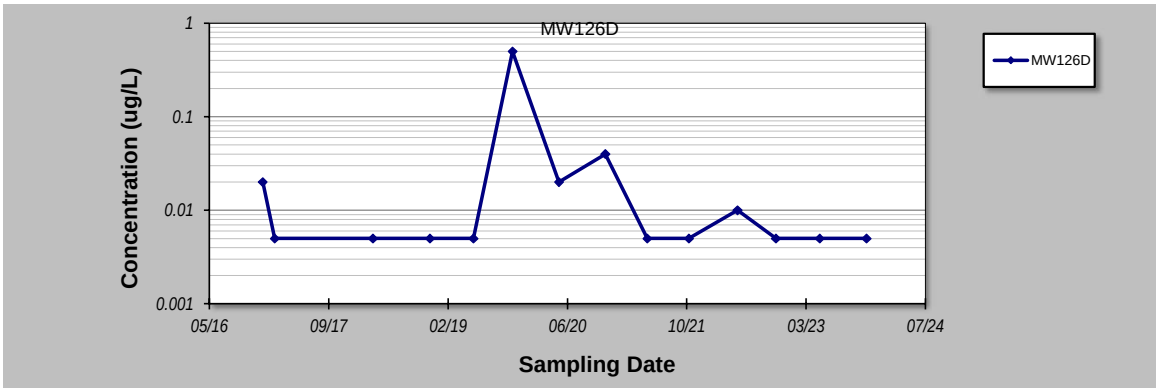
18		
19		
20		
Coefficient of Variation:		2.89
Mann-Kendall Statistic (S):		-12
Confidence Factor:		72.3%
Concentration Trend:		No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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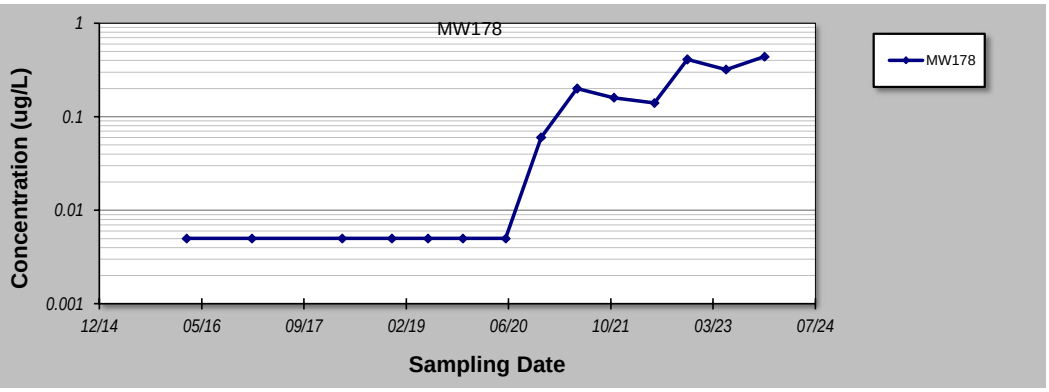
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Primary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW178

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	26/02/2016	0.005
2	10/01/2017	0.005
3	27/03/2018	0.005
4	26/11/2018	0.005
5	21/05/2019	0.005
6	7/11/2019	0.005
7	4/06/2020	0.005
8	24/11/2020	0.06
9	19/05/2021	0.2
10	15/11/2021	0.16
11	1/06/2022	0.14
12	9/11/2022	0.41
13	17/05/2023	0.32
14	21/11/2023	0.44
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		1.26
Mann-Kendall Statistic (S):		62
Confidence Factor:		>99.9%
Concentration Trend:		Increasing



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Primary Management Zone	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW188S

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	22/01/2016	0.09
2	19/12/2016	0.02
3	3/02/2017	0.04
4	27/03/2018	0.02
5	20/11/2018	0.005
6	21/05/2019	0.005
7	13/05/2020	0.08
8	12/05/2021	0.09
9	31/05/2022	0.005
10	11/05/2023	0.005
11		
12		
13		
14		
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16		
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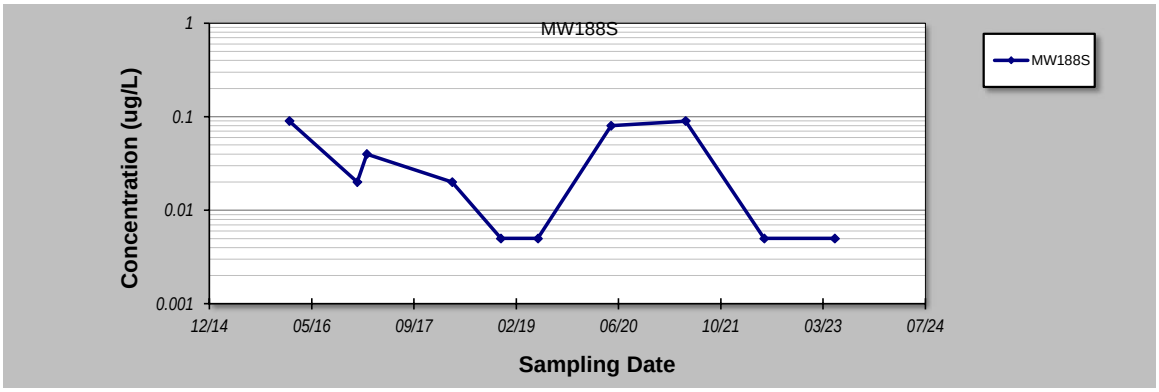
18		
19		
20		
Coefficient of Variation:		1.02
Mann-Kendall Statistic (S):		-13
Confidence Factor:		85.4%
Concentration Trend:		No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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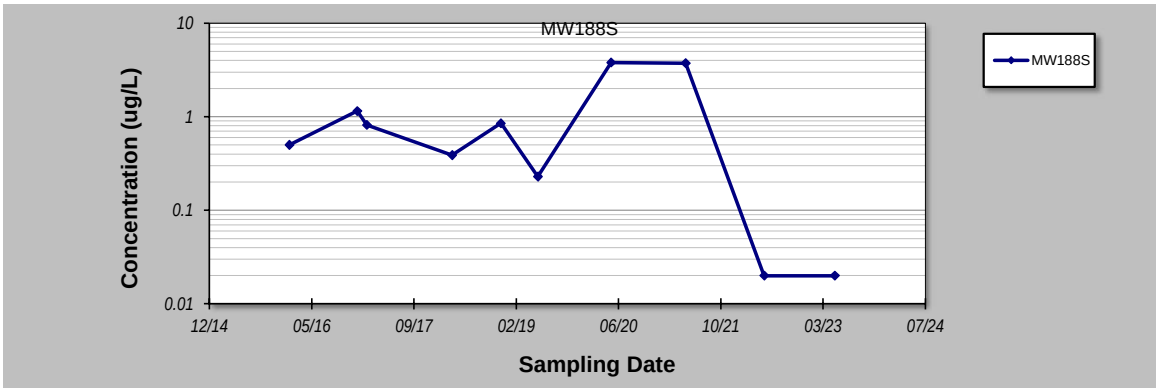
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Primary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW188S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	22/01/2016	0.5
2	19/12/2016	1.15
3	3/02/2017	0.82
4	27/03/2018	0.39
5	20/11/2018	0.85
6	21/05/2019	0.23
7	13/05/2020	3.8
8	12/05/2021	3.75
9	31/05/2022	0.02
10	11/05/2023	0.02
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		1.24
Mann-Kendall Statistic (S):		-10
Confidence Factor:		78.4%
Concentration Trend:		No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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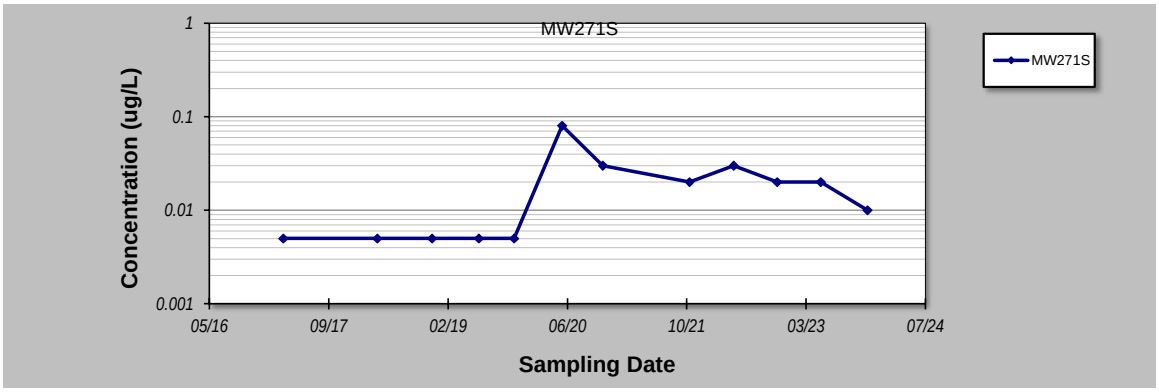
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Primary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW271S

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	15/03/2017	0.005
2	13/04/2018	0.005
3	28/11/2018	0.005
4	13/06/2019	0.005
5	8/11/2019	0.005
6	26/05/2020	0.08
7	13/11/2020	0.03
8	12/11/2021	0.02
9	16/05/2022	0.03
10	14/11/2022	0.02
11	15/05/2023	0.02
12	27/11/2023	0.01
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		1.09
Mann-Kendall Statistic (S):		20
Confidence Factor:		90.2%
Concentration Trend:		Prob. Increasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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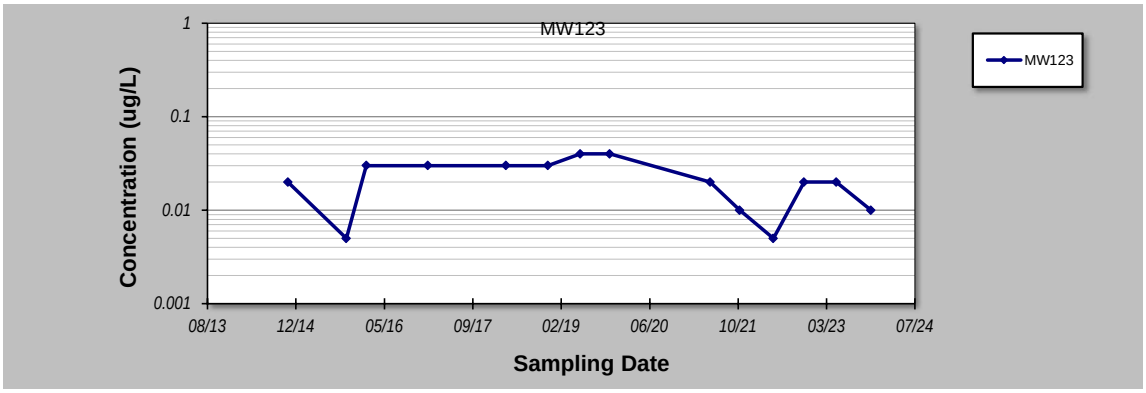
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **27-Feb-24**
Facility Name: **Secondary Management Zone**
Conducted By: **NT/JR**

Job ID: **60612562**
Constituent: **PFOA**
Concentration Units: **ug/L**

Sampling Point ID: **MW123**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	12/11/2014	0.02
2	8/10/2015	0.005
3	29/01/2016	0.03
4	11/01/2017	0.03
5	28/03/2018	0.03
6	20/11/2018	0.03
7	23/05/2019	0.04
8	5/11/2019	0.04
9	26/05/2021	0.02
10	9/11/2021	0.01
11	18/05/2022	0.005
12	8/11/2022	0.02
13	9/05/2023	0.02
14	21/11/2023	0.01
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.53
Mann-Kendall Statistic (S):		-16
Confidence Factor:		79.1%
Concentration Trend:		Stable



Notes:

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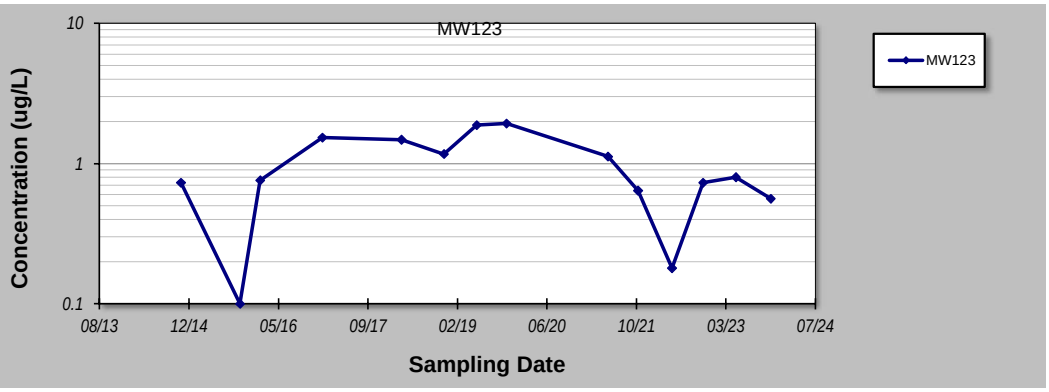
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW123**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	12/11/2014	0.73
2	8/10/2015	0.1
3	29/01/2016	0.76
4	11/01/2017	1.53
5	28/03/2018	1.48
6	20/11/2018	1.17
7	23/05/2019	1.88
8	5/11/2019	1.93
9	26/05/2021	1.12
10	9/11/2021	0.64
11	18/05/2022	0.18
12	8/11/2022	0.73
13	9/05/2023	0.8
14	21/11/2023	0.56
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.59
Mann-Kendall Statistic (S):		-10
Confidence Factor:		68.6%
Concentration Trend:		Stable



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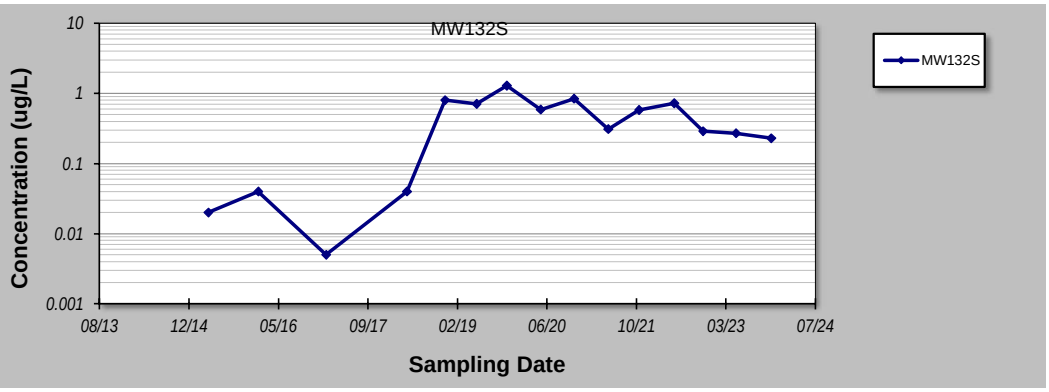
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW132S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	14/04/2015	0.02
2	18/01/2016	0.04
3	1/02/2017	0.005
4	27/04/2018	0.04
5	27/11/2018	0.8
6	22/05/2019	0.71
7	6/11/2019	1.29
8	14/05/2020	0.59
9	17/11/2020	0.84
10	27/05/2021	0.31
11	15/11/2021	0.58
12	30/05/2022	0.72
13	8/11/2022	0.29
14	11/05/2023	0.27
15	23/11/2023	0.23
16		
17		
18		
19		
20		
Coefficient of Variation:		0.84
Mann-Kendall Statistic (S):		10
Confidence Factor:		66.9%
Concentration Trend:		No Trend



Notes:

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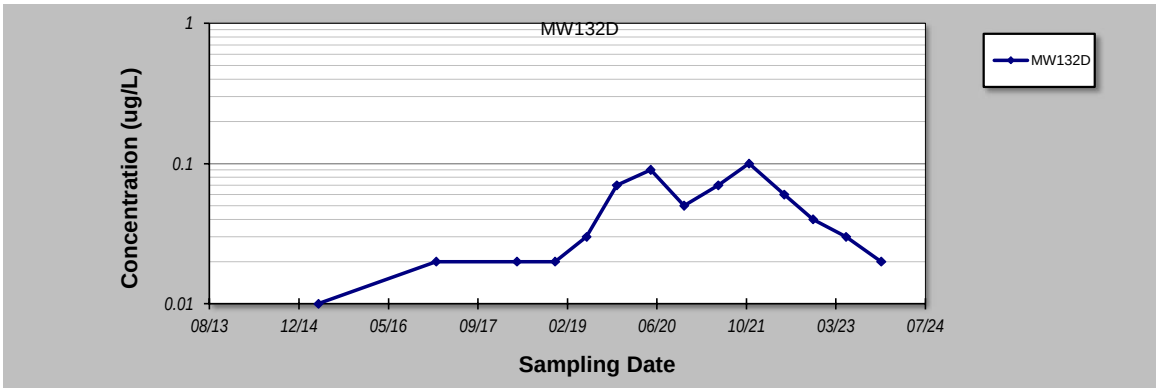
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW132D

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	14/04/2015	0.01
2	1/02/2017	0.02
3	27/04/2018	0.02
4	27/11/2018	0.02
5	22/05/2019	0.03
6	6/11/2019	0.07
7	14/05/2020	0.09
8	17/11/2020	0.05
9	27/05/2021	0.07
10	15/11/2021	0.1
11	30/05/2022	0.06
12	8/11/2022	0.04
13	11/05/2023	0.03
14	23/11/2023	0.02
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.64
Mann-Kendall Statistic (S):		25
Confidence Factor:		90.4%
Concentration Trend:		Prob. Increasing



Notes:

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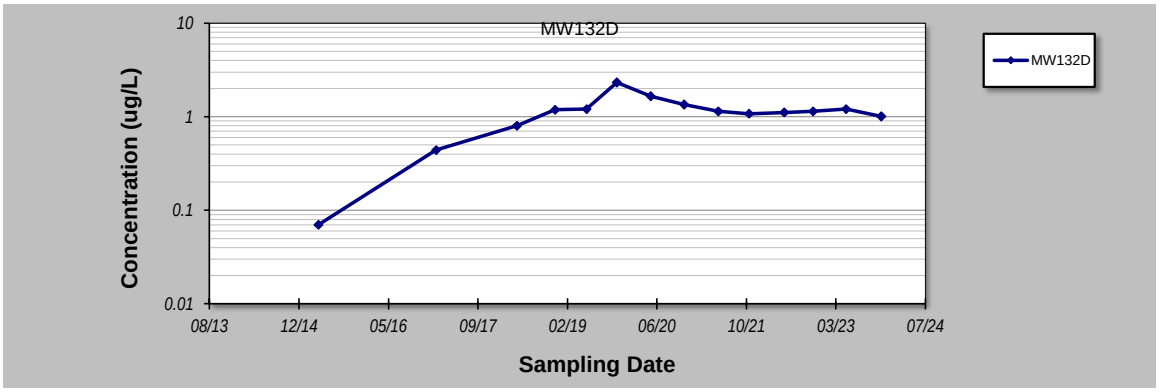
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW132D**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	14/04/2015	0.07
2	1/02/2017	0.44
3	27/04/2018	0.8
4	27/11/2018	1.19
5	22/05/2019	1.21
6	6/11/2019	2.33
7	14/05/2020	1.66
8	17/11/2020	1.35
9	27/05/2021	1.14
10	15/11/2021	1.08
11	30/05/2022	1.11
12	8/11/2022	1.14
13	11/05/2023	1.21
14	23/11/2023	1.01
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.46
Mann-Kendall Statistic (S):		13
Confidence Factor:		74.1%
Concentration Trend:		No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW161S

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	26/02/2016	0.07
2	8/02/2017	0.08
3	30/05/2019	0.03
4	21/05/2020	0.06
5	26/05/2021	0.05
6	1/06/2022	0.07
7	11/05/2023	0.04
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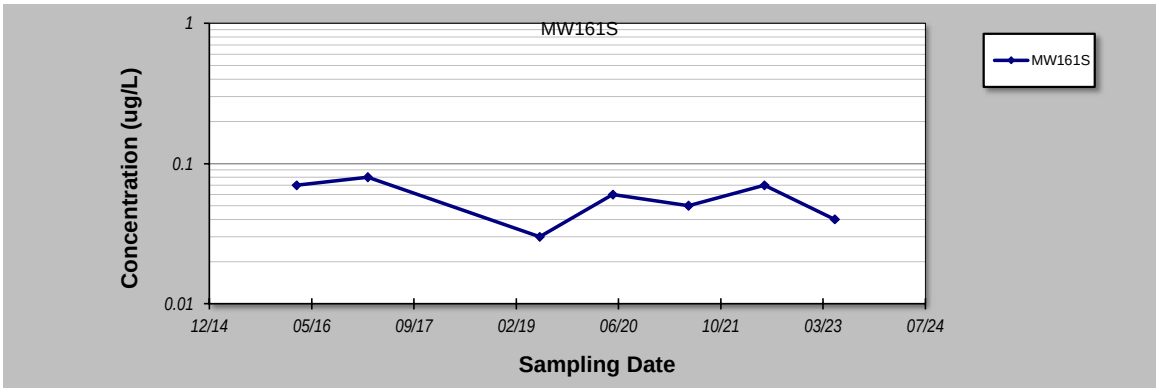
Coefficient of Variation:		0.31
Mann-Kendall Statistic (S):		-6
Confidence Factor:		76.4%
Concentration Trend:		Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW161S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	26/02/2016	3.58
2	8/02/2017	4.06
3	30/05/2019	3
4	21/05/2020	3.61
5	26/05/2021	4.6
6	1/06/2022	3.23
7	11/05/2023	2.56
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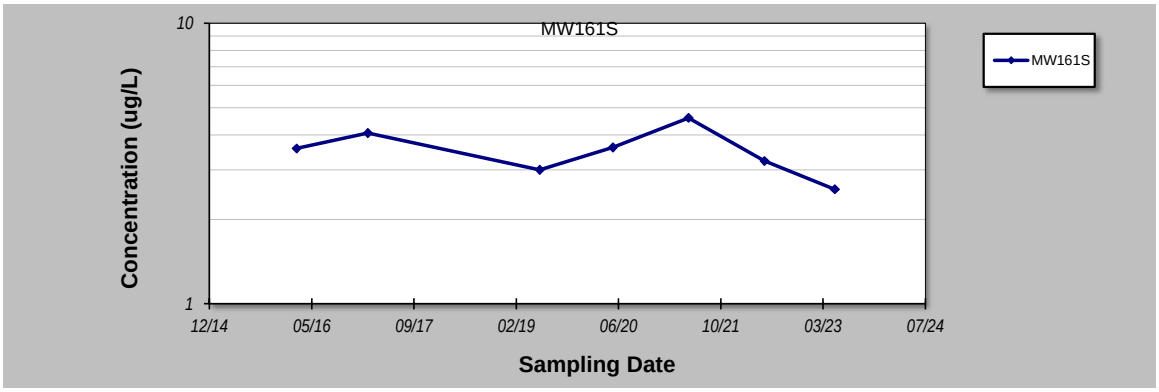
Coefficient of Variation:		0.19
Mann-Kendall Statistic (S):		-5
Confidence Factor:		71.9%
Concentration Trend:		Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW161D**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	26/02/2016	0.005
2	8/02/2017	0.14
3	30/05/2019	0.08
4	21/05/2020	0.06
5	26/05/2021	0.05
6	1/06/2022	0.06
7	11/05/2023	0.05
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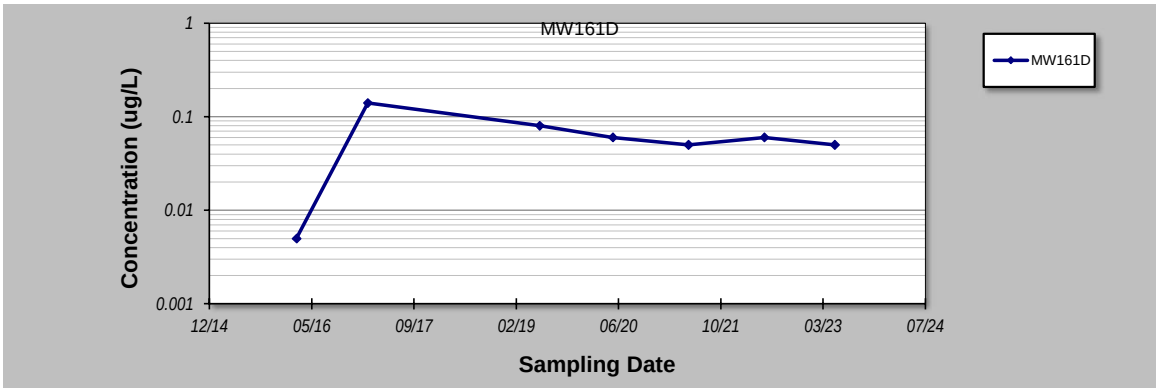
Coefficient of Variation:		0.64
Mann-Kendall Statistic (S):		-5
Confidence Factor:		71.9%
Concentration Trend:		Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW161D**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	26/02/2016	0.13
2	8/02/2017	5.58
3	30/05/2019	3.88
4	21/05/2020	3.23
5	26/05/2021	2.46
6	1/06/2022	2.79
7	11/05/2023	2.63
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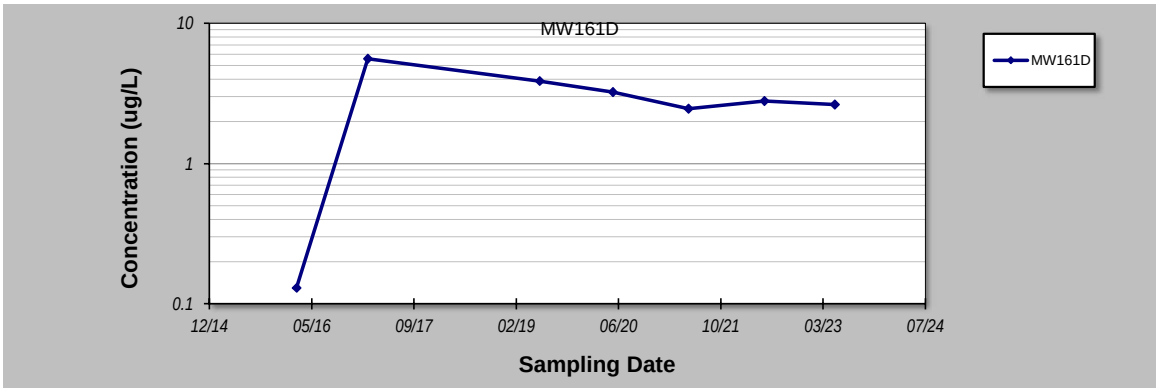
20		
Coefficient of Variation:		0.56
Mann-Kendall Statistic (S):		-5
Confidence Factor:		71.9%
Concentration Trend:		Stable



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW247S

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	1/02/2017	0.037
2	28/02/2017	0.09
3	12/04/2018	0.06
4	30/11/2018	0.02
5	31/05/2019	0.02
6	6/11/2019	0.02
7	15/05/2020	0.02
8	24/11/2020	0.02
9	18/05/2021	0.02
10	12/11/2021	0.04
11	18/05/2022	0.02
12	8/11/2022	0.02
13	8/05/2023	0.02
14	24/11/2023	0.005
15		
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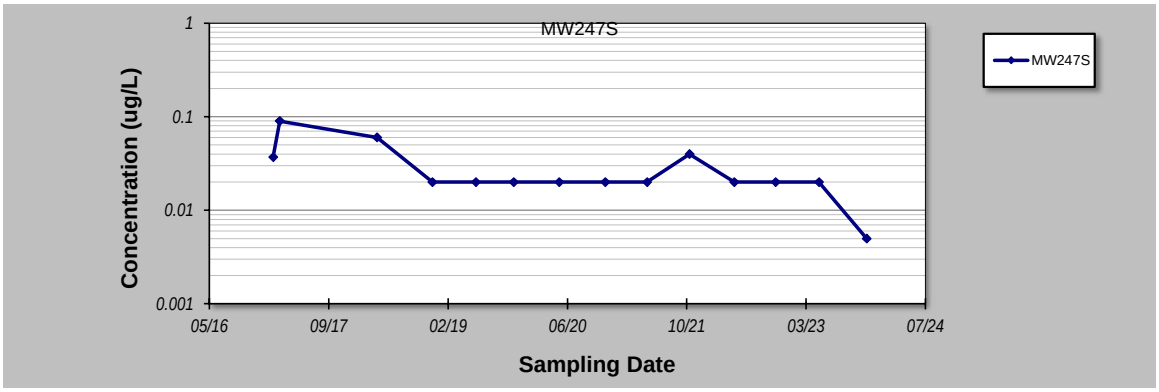
20		
Coefficient of Variation:		0.74
Mann-Kendall Statistic (S):		-37
Confidence Factor:		97.6%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW247S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	1/02/2017	1.29
2	28/02/2017	1.48
3	12/04/2018	1.74
4	30/11/2018	1.09
5	31/05/2019	2.17
6	6/11/2019	1.79
7	15/05/2020	2.31
8	24/11/2020	1.03
9	18/05/2021	2.3
10	12/11/2021	2.05
11	18/05/2022	1.03
12	8/11/2022	1.32
13	8/05/2023	0.78
14	24/11/2023	0.31
15		
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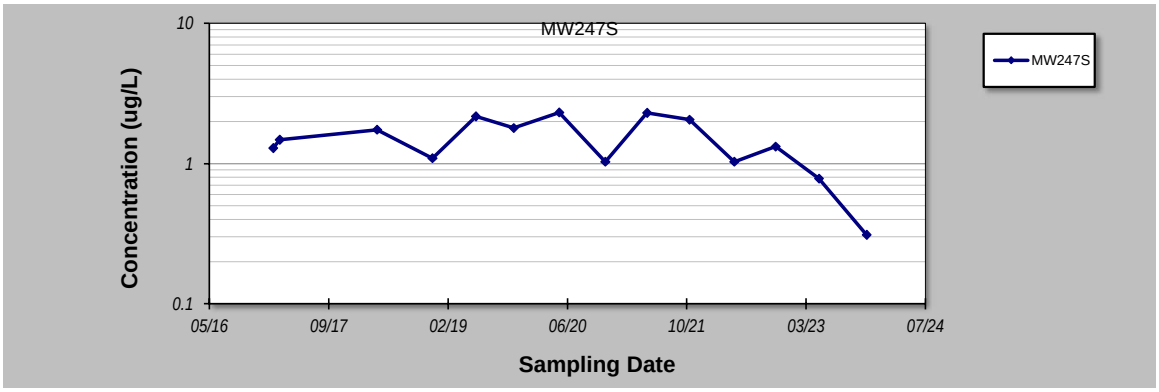
18		
19		
20		
Coefficient of Variation:		0.41
Mann-Kendall Statistic (S):		-22
Confidence Factor:		87.2%
Concentration Trend:		Stable



Notes:

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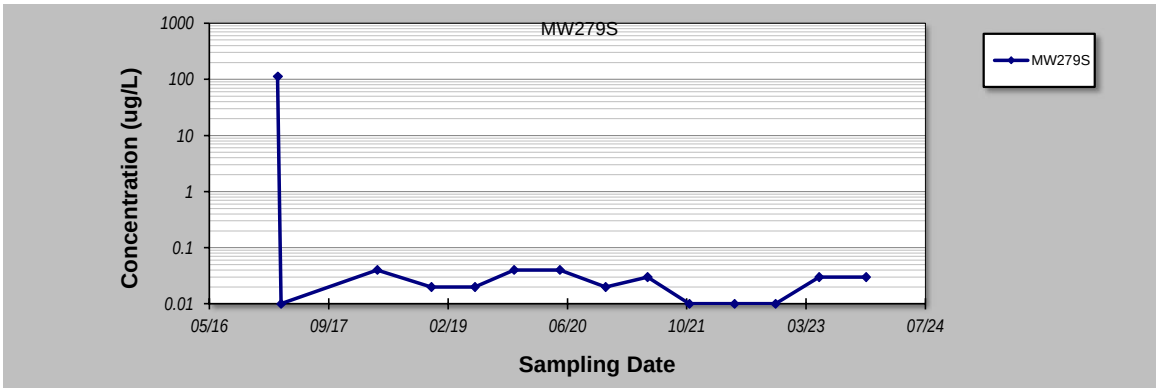
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW279S

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	20/02/2017	113
2	6/03/2017	0.01
3	13/04/2018	0.04
4	26/11/2018	0.02
5	27/05/2019	0.02
6	8/11/2019	0.04
7	18/05/2020	0.04
8	25/11/2020	0.02
9	20/05/2021	0.03
10	11/11/2021	0.01
11	19/05/2022	0.01
12	7/11/2022	0.01
13	9/05/2023	0.03
14	21/11/2023	0.03
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		3.73
Mann-Kendall Statistic (S):		-20
Confidence Factor:		84.8%
Concentration Trend:		No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	Secondary Management Zone	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW279S

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	20/02/2017	70.3
2	6/03/2017	1.22
3	13/04/2018	1.67
4	26/11/2018	1.67
5	27/05/2019	1.45
6	8/11/2019	2.34
7	18/05/2020	3.08
8	25/11/2020	1.55
9	20/05/2021	2.67
10	11/11/2021	1.39
11	19/05/2022	1.2
12	7/11/2022	0.71
13	9/05/2023	2.36
14	21/11/2023	2.6
15		
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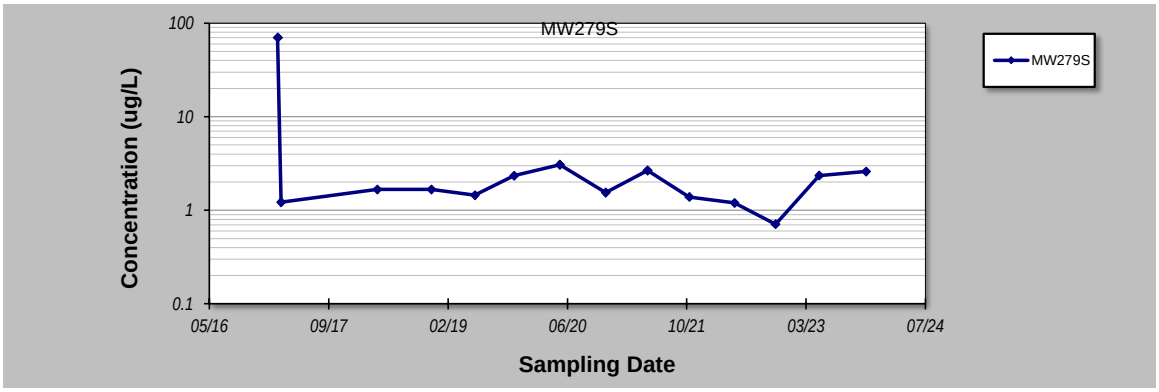
Coefficient of Variation:		2.72
Mann-Kendall Statistic (S):		-10
Confidence Factor:		68.6%
Concentration Trend:		No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

AECOM

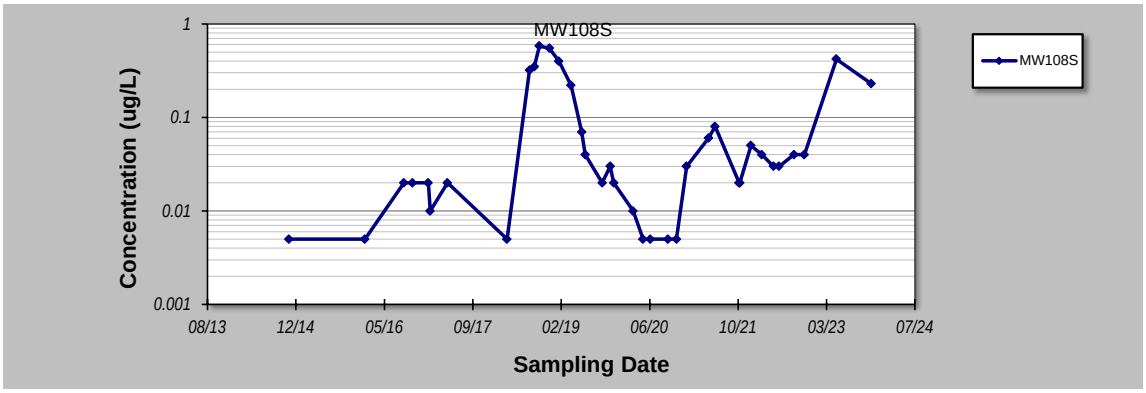
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **24-Apr-24**
Facility Name: **On Base: FFTA**
Conducted By: **JR**

Job ID: **60612562**
Constituent: **PFOA**
Concentration Units: **ug/L**

Sampling Point ID: **MW108S**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)						
1	17/11/2014	0.005						
2	21/01/2016	0.005						
3	29/08/2016	0.02						
4	17/10/2016	0.02						
5	13/01/2017	0.02						
6	24/01/2017	0.01						
7	2/05/2017	0.02						
8	4/04/2018	0.005						
9	9/08/2018	0.32						
10	5/09/2018	0.35						
11	3/10/2018	0.58						
12	29/11/2018	0.55						
13	22/01/2019	0.4						
14	1/04/2019	0.22						
15	31/05/2019	0.07						
16	20/06/2019	0.04						
17	24/09/2019	0.02						
18	8/11/2019	0.03						
19	28/11/2019	0.02						
20	16/03/2020	0.01						
21	11/05/2020	0.005						
22	22/06/2020	0.005						
23	30/09/2020	0.005						
24	17/11/2020	0.005						
25	13/01/2021	0.03						
26	17/05/2021	0.06						
27	23/06/2021	0.08						
28	5/11/2021	0.02						
29	10/11/2021	0.02						
30	12/01/2022	0.05						
31	14/03/2022	0.04						
32	19/05/2022	0.03						
33	20/06/2022	0.03						
34	12/09/2022	0.04						
35	10/11/2022	0.04						
36	10/05/2023	0.42						
37	22/11/2023	0.23						
38								
39								
40								
Coefficient of Variation:		1.56						
Mann-Kendall Statistic (S):		98						
Confidence Factor:		89.7%						
Concentration Trend:		No Trend						



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

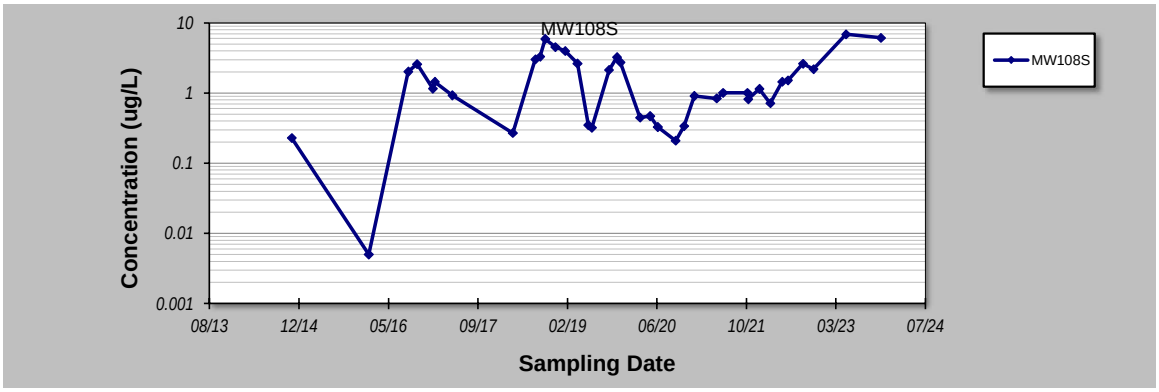
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	24-Apr-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOS+PFHxS
Conducted By:	JR	Concentration Units:	ug/L

Sampling Point ID: **MW108S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	17/11/2014	0.23
2	21/01/2016	0.005
3	29/08/2016	2.03
4	17/10/2016	2.6
5	13/01/2017	1.16
6	24/01/2017	1.45
7	2/05/2017	0.93
8	4/04/2018	0.27
9	9/08/2018	3.03
10	5/09/2018	3.31
11	3/10/2018	5.95
12	29/11/2018	4.53
13	22/01/2019	3.98
14	1/04/2019	2.65
15	31/05/2019	0.35
16	20/06/2019	0.32
17	24/09/2019	2.15
18	8/11/2019	3.25
19	28/11/2019	2.75
20	16/03/2020	0.45
21	11/05/2020	0.47
22	22/06/2020	0.33
23	30/09/2020	0.21
24	17/11/2020	0.34
25	13/01/2021	0.91
26	17/05/2021	0.84
27	23/06/2021	1.01
28	5/11/2021	1.01
29	10/11/2021	0.82
30	12/01/2022	1.15
31	14/03/2022	0.72
32	19/05/2022	1.45
33	20/06/2022	1.52
34	12/09/2022	2.63
35	10/11/2022	2.21
36	10/05/2023	6.89
37	22/11/2023	6.14
38		
39		
40		
Coefficient of Variation:		0.93
Mann-Kendall Statistic (S):		80
Confidence Factor:		84.8%
Concentration Trend:		No Trend



Notes:

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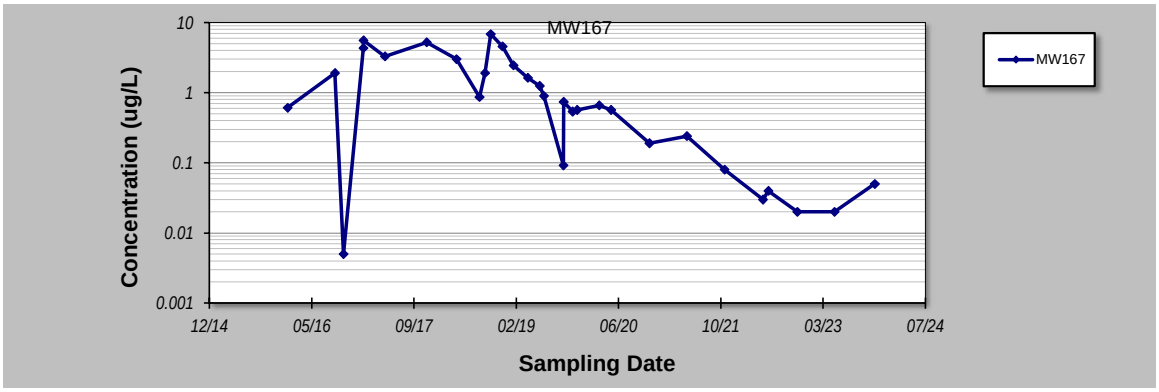
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L
Sampling Point ID:	MW167		

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	13/01/2016	0.61
2	1/09/2016	1.9
3	12/10/2016	0.005
4	17/01/2017	4.31
5	18/01/2017	5.58
6	3/05/2017	3.3
7	23/11/2017	5.25
8	18/04/2018	3.02
9	8/08/2018	0.87
10	4/09/2018	1.91
11	2/10/2018	6.85
12	29/11/2018	4.56
13	22/01/2019	2.46
14	2/04/2019	1.63
15	30/05/2019	1.25
16	19/06/2019	0.9
17	23/09/2019	0.092
18	24/09/2019	0.74
19	6/11/2019	0.54
20	29/11/2019	0.57
21	16/03/2020	0.66
22	13/05/2020	0.57
23	16/11/2020	0.19
24	18/05/2021	0.24
25	18/11/2021	0.08
26	25/05/2022	0.03
27	21/06/2022	0.04
28	9/11/2022	0.02
29	10/05/2023	0.02
30	22/11/2023	0.05
31		
32		
33		
34		
35		
Coefficient of Variation:		1.21
Mann-Kendall Statistic (S):		-253
Confidence Factor:		>99.9%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

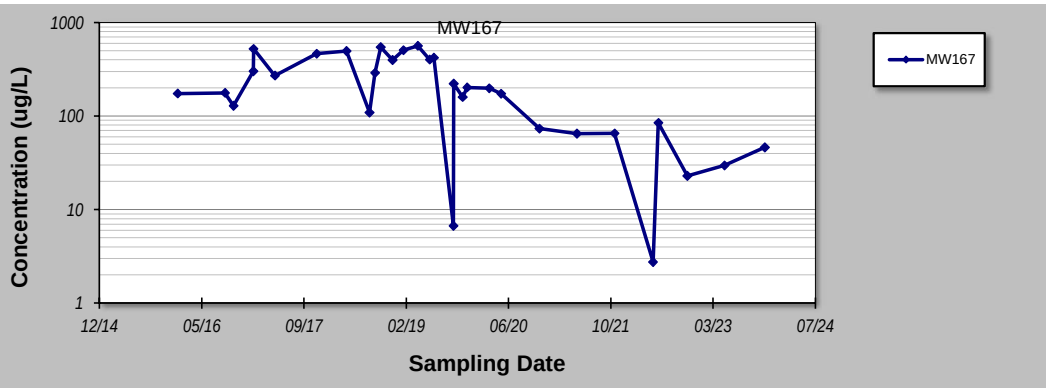
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW167**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	13/01/2016	174.3
2	1/09/2016	177
3	12/10/2016	129
4	17/01/2017	302.5
5	18/01/2017	522.5
6	3/05/2017	271
7	23/11/2017	464
8	18/04/2018	496
9	8/08/2018	109
10	4/09/2018	290
11	2/10/2018	547
12	29/11/2018	398.4
13	22/01/2019	506
14	2/04/2019	563
15	30/05/2019	402.3
16	19/06/2019	421
17	23/09/2019	6.7
18	24/09/2019	222
19	6/11/2019	160
20	29/11/2019	202
21	16/03/2020	198
22	13/05/2020	174
23	16/11/2020	73.3
24	18/05/2021	65
25	18/11/2021	65.4
26	25/05/2022	2.75
27	21/06/2022	84.7
28	9/11/2022	23
29	10/05/2023	29.7
30	22/11/2023	46.4
31		
32		
33		
34		
35		
Coefficient of Variation:		0.77
Mann-Kendall Statistic (S):		-183
Confidence Factor:		>99.9%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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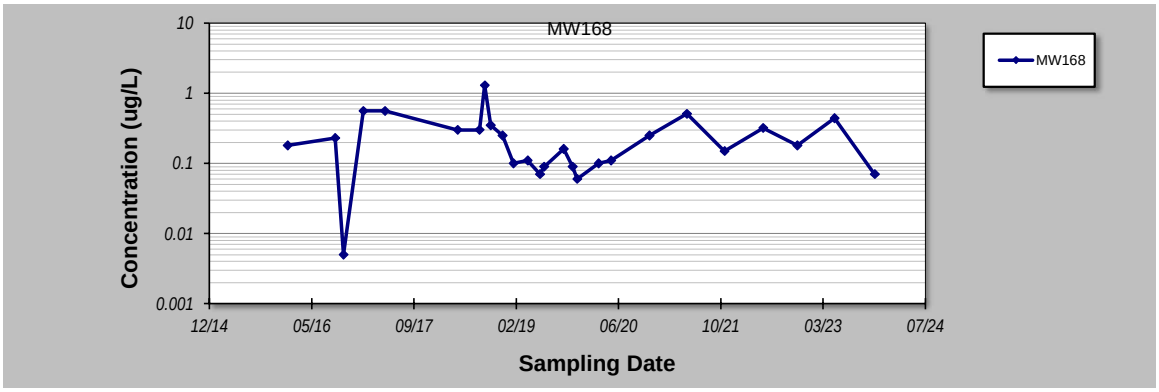
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW168

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	13/01/2016	0.18
2	2/09/2016	0.23
3	12/10/2016	0.005
4	17/01/2017	0.56
5	3/05/2017	0.56
6	23/04/2018	0.3
7	8/08/2018	0.3
8	3/09/2018	1.3
9	2/10/2018	0.35
10	29/11/2018	0.25
11	22/01/2019	0.1
12	1/04/2019	0.11
13	31/05/2019	0.07
14	20/06/2019	0.09
15	24/09/2019	0.16
16	6/11/2019	0.09
17	29/11/2019	0.06
18	13/03/2020	0.1
19	13/05/2020	0.11
20	16/11/2020	0.25
21	18/05/2021	0.51
22	18/11/2021	0.15
23	26/05/2022	0.32
24	9/11/2022	0.18
25	10/05/2023	0.44
26	22/11/2023	0.07
27		
28		
29		
30		
Coefficient of Variation:		1.00
Mann-Kendall Statistic (S):		-33
Confidence Factor:		75.8%
Concentration Trend:		No Trend



Notes:

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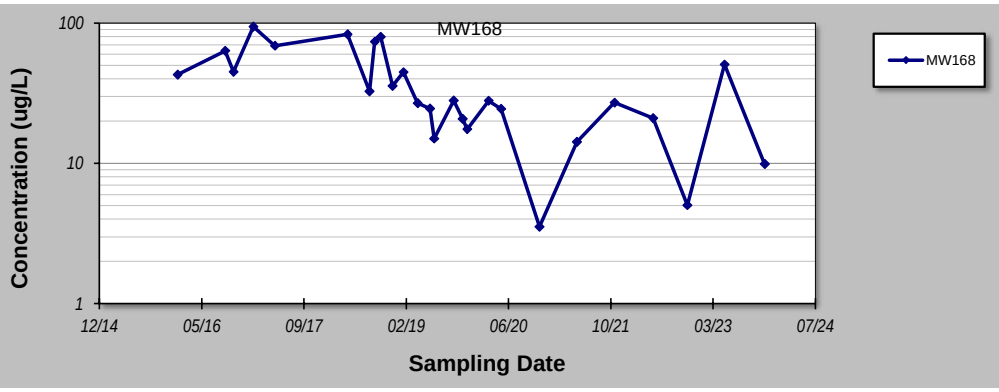
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW168**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	13/01/2016	42.9
2	2/09/2016	63.4
3	12/10/2016	45
4	17/01/2017	94.43
5	3/05/2017	68.9
6	23/04/2018	83.21
7	8/08/2018	32.6
8	3/09/2018	73.7
9	2/10/2018	79.9
10	29/11/2018	35.6
11	22/01/2019	44.6
12	1/04/2019	26.8
13	31/05/2019	24.6
14	20/06/2019	15
15	24/09/2019	28.1
16	6/11/2019	20.8
17	29/11/2019	17.5
18	13/03/2020	28
19	13/05/2020	24.5
20	16/11/2020	3.53
21	18/05/2021	14.2
22	18/11/2021	27.1
23	26/05/2022	21
24	9/11/2022	5.04
25	10/05/2023	50.6
26	22/11/2023	9.91
27		
28		
29		
30		
Coefficient of Variation:		0.67
Mann-Kendall Statistic (S):		-175
Confidence Factor:		>99.9%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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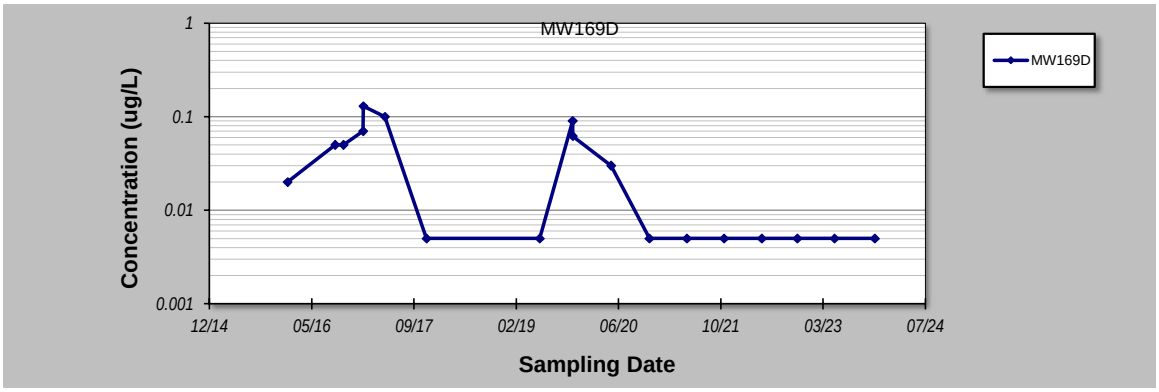
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW169D**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	13/01/2016	0.02
2	2/09/2016	0.05
3	12/10/2016	0.05
4	16/01/2017	0.07
5	17/01/2017	0.13
6	3/05/2017	0.1
7	22/11/2017	0.005
8	30/05/2019	0.005
9	6/11/2019	0.09
10	7/11/2019	0.062
11	13/05/2020	0.03
12	16/11/2020	0.005
13	18/05/2021	0.005
14	16/11/2021	0.005
15	19/05/2022	0.005
16	9/11/2022	0.005
17	10/05/2023	0.005
18	22/11/2023	0.005
19		
20		
Coefficient of Variation:		1.11
Mann-Kendall Statistic (S):		-62
Confidence Factor:		99.0%
Concentration Trend:		Decreasing



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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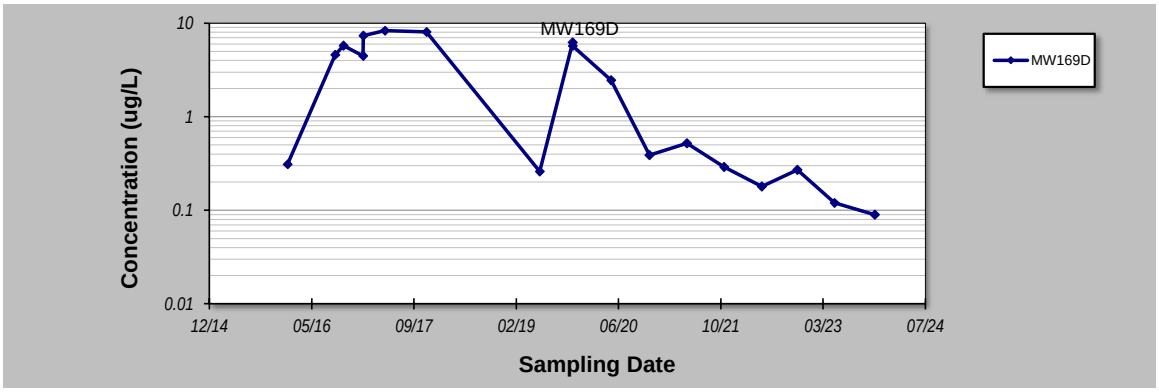
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW169D**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	13/01/2016	0.31
2	2/09/2016	4.6
3	12/10/2016	5.75
4	16/01/2017	4.47
5	17/01/2017	7.37
6	3/05/2017	8.32
7	22/11/2017	8.08
8	30/05/2019	0.26
9	6/11/2019	6.25
10	7/11/2019	5.72
11	13/05/2020	2.46
12	16/11/2020	0.39
13	18/05/2021	0.52
14	16/11/2021	0.29
15	19/05/2022	0.18
16	9/11/2022	0.27
17	10/05/2023	0.12
18	22/11/2023	0.09
19		
20		
Coefficient of Variation:		1.03
Mann-Kendall Statistic (S):		-79
Confidence Factor:		99.9%
Concentration Trend:		Decreasing



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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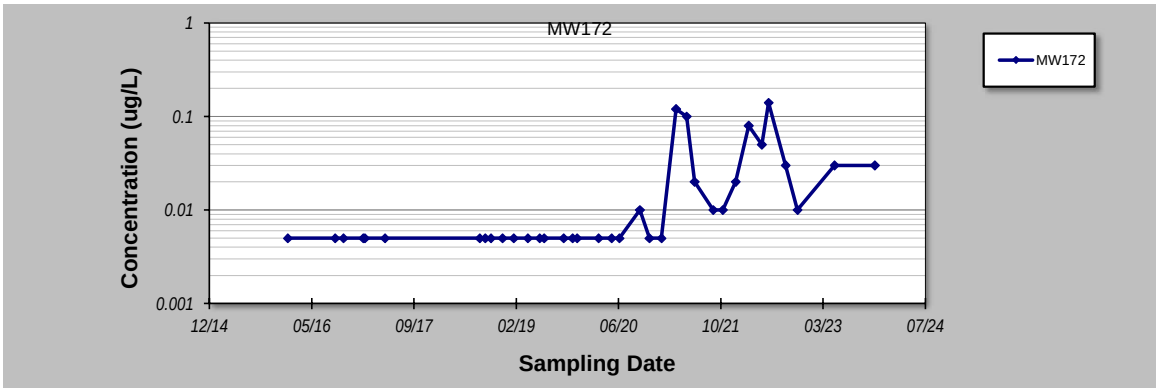
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW172

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	14/01/2016	0.005
2	2/09/2016	0.005
3	12/10/2016	0.005
4	16/01/2017	0.005
5	25/01/2017	0.005
6	3/05/2017	0.005
7	9/08/2018	0.005
8	5/09/2018	0.005
9	3/10/2018	0.005
10	29/11/2018	0.005
11	23/01/2019	0.005
12	2/04/2019	0.005
13	30/05/2019	0.005
14	20/06/2019	0.005
15	24/09/2019	0.005
16	6/11/2019	0.005
17	29/11/2019	0.005
18	13/03/2020	0.005
19	15/05/2020	0.005
20	22/06/2020	0.005
21	30/09/2020	0.01
22	16/11/2020	0.005
23	14/01/2021	0.005
24	26/03/2021	0.12
25	17/05/2021	0.1
26	24/06/2021	0.02
27	24/09/2021	0.01
28	10/11/2021	0.01
29	12/01/2022	0.02
30	16/03/2022	0.08
31	19/05/2022	0.05
32	22/06/2022	0.14
33	13/09/2022	0.03
34	10/11/2022	0.01
35	10/05/2023	0.03
36	22/11/2023	0.03
37		
38		
39		
40		
Coefficient of Variation:		1.60
Mann-Kendall Statistic (S):		307
Confidence Factor:		>99.9%
Concentration Trend:		Increasing



Notes:

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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

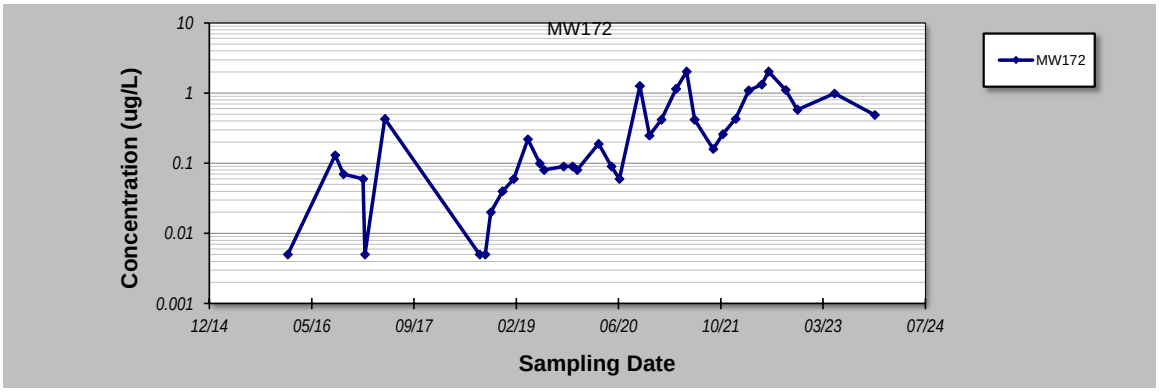
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW172

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	14/01/2016	0.005
2	2/09/2016	0.13
3	12/10/2016	0.07
4	16/01/2017	0.06
5	25/01/2017	0.005
6	3/05/2017	0.43
7	9/08/2018	0.005
8	5/09/2018	0.005
9	3/10/2018	0.02
10	29/11/2018	0.04
11	23/01/2019	0.06
12	2/04/2019	0.22
13	30/05/2019	0.1
14	20/06/2019	0.08
15	24/09/2019	0.09
16	6/11/2019	0.09
17	29/11/2019	0.08
18	13/03/2020	0.19
19	15/05/2020	0.09
20	22/06/2020	0.06
21	30/09/2020	1.27
22	16/11/2020	0.25
23	14/01/2021	0.42
24	26/03/2021	1.15
25	17/05/2021	2.03
26	24/06/2021	0.42
27	24/09/2021	0.16
28	10/11/2021	0.26
29	12/01/2022	0.43
30	16/03/2022	1.09
31	19/05/2022	1.33
32	22/06/2022	2.03
33	13-Sep-22	1.11
34	10-Nov-22	0.58
35	10-May-23	0.99
36	22-Nov-23	0.49
37		
38		
39		
40		
Coefficient of Variation:		1.27
Mann-Kendall Statistic (S):		366
Confidence Factor:		>99.9%
Concentration Trend:		Increasing



Notes:

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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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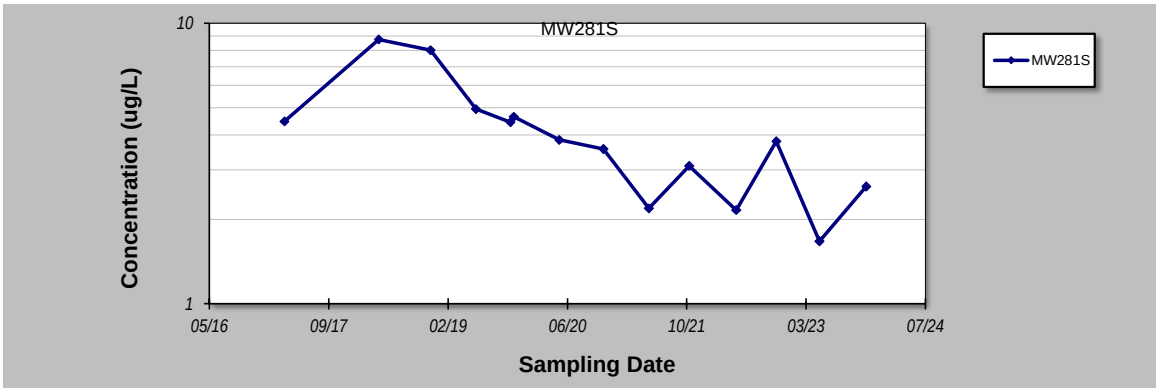
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW281S**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	20/03/2017	4.47
2	19/04/2018	8.75
3	22/11/2018	8.01
4	31/05/2019	4.94
5	23/10/2019	4.44
6	6/11/2019	4.64
7	15/05/2020	3.84
8	16/11/2020	3.56
9	25/05/2021	2.19
10	10/11/2021	3.1
11	26/05/2022	2.16
12	10/11/2022	3.79
13	10/05/2023	1.67
14	22/11/2023	2.62
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.50
Mann-Kendall Statistic (S):		-65
Confidence Factor:		>99.9%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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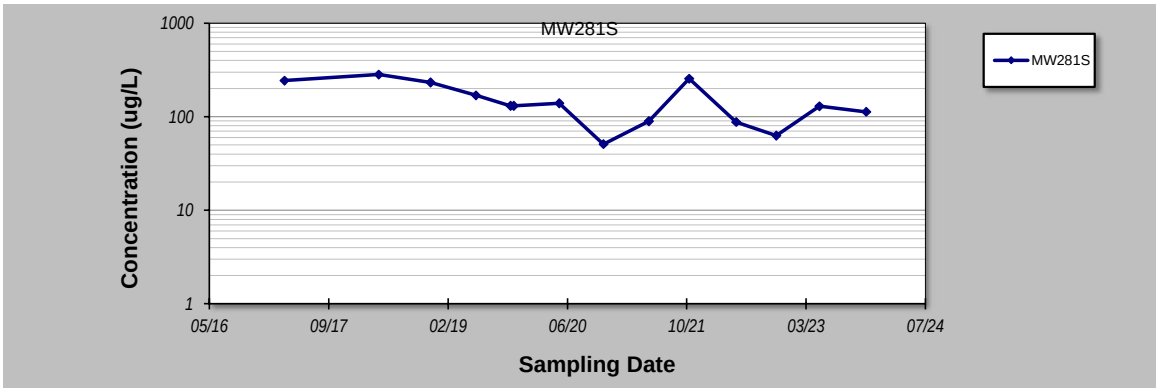
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW281S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	20/03/2017	244
2	19/04/2018	283
3	22/11/2018	232
4	31/05/2019	169.4
5	23/10/2019	131
6	6/11/2019	131
7	15/05/2020	139
8	16/11/2020	51
9	25/05/2021	89.5
10	10/11/2021	255
11	26/05/2022	88
12	10/11/2022	62.9
13	10/05/2023	130
14	22/11/2023	113
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.49
Mann-Kendall Statistic (S):		-46
Confidence Factor:		99.4%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

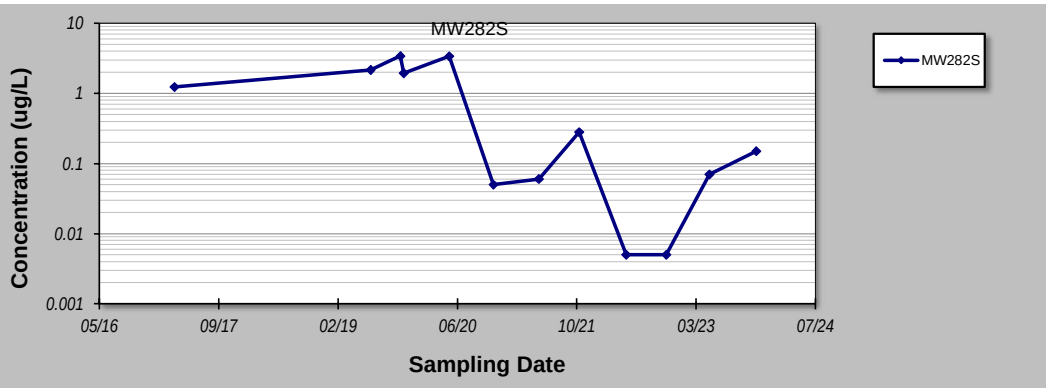
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW282S

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	20/03/2017	1.23
2	20/06/2019	2.15
3	23/10/2019	3.41
4	6/11/2019	1.95
5	15/05/2020	3.39
6	16/11/2020	0.05
7	25/05/2021	0.06
8	10/11/2021	0.28
9	26/05/2022	0.005
10	10/11/2022	0.005
11	10/05/2023	0.07
12	22/11/2023	0.15
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		1.26
Mann-Kendall Statistic (S):		-27
Confidence Factor:		96.3%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

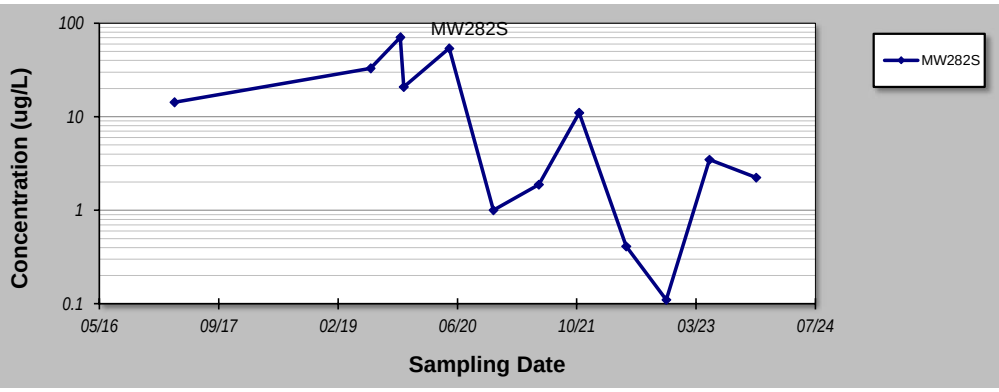
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	26-Feb-24	Job ID:	60612562
Facility Name:	On Base: FFTA	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW282S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	20/03/2017	14.3
2	20/06/2019	33
3	23/10/2019	70.7
4	6/11/2019	20.8
5	15/05/2020	53.9
6	16/11/2020	1
7	25/05/2021	1.88
8	10/11/2021	11
9	26/05/2022	0.41
10	10/11/2022	0.11
11	10/05/2023	3.47
12	22/11/2023	2.24
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		1.32
Mann-Kendall Statistic (S):		-30
Confidence Factor:		97.8%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

AECOM

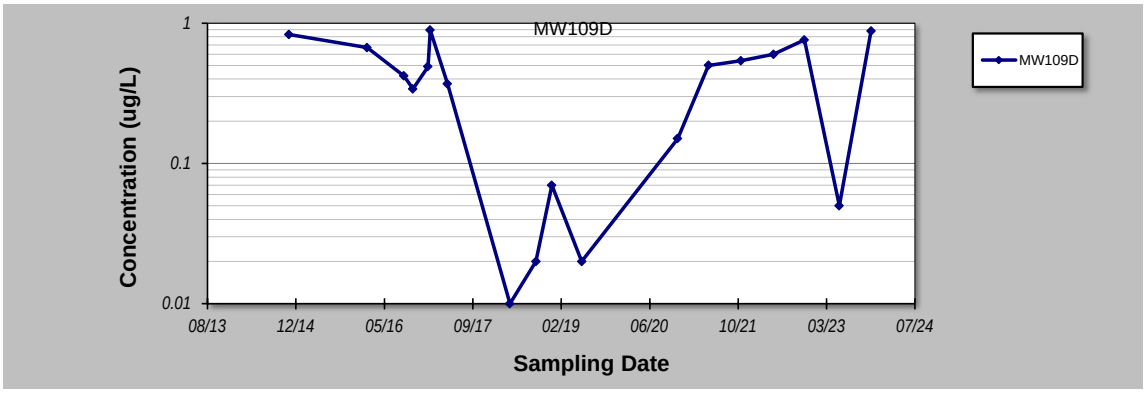
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **27-Feb-24**
Facility Name: **On Base: South of Lake Cochran**
Conducted By: **NT/JR**

Job ID: **60612562**
Constituent: **PFOA**
Concentration Units: **ug/L**

Sampling Point ID: **MW109D**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	17/11/2014	0.83
2	2/02/2016	0.67
3	29/08/2016	0.42
4	19/10/2016	0.34
5	12/01/2017	0.49
6	24/01/2017	0.89
7	2/05/2017	0.37
8	20/04/2018	0.01
9	14/09/2018	0.02
10	13/12/2018	0.07
11	31/05/2019	0.02
12	23/11/2020	0.15
13	17/05/2021	0.5
14	16/11/2021	0.54
15	19/05/2022	0.6
16	10/11/2022	0.76
17	26/05/2023	0.05
18	22/11/2023	0.88
19		
20		
Coefficient of Variation:		0.74
Mann-Kendall Statistic (S):		4
Confidence Factor:		54.5%
Concentration Trend:		No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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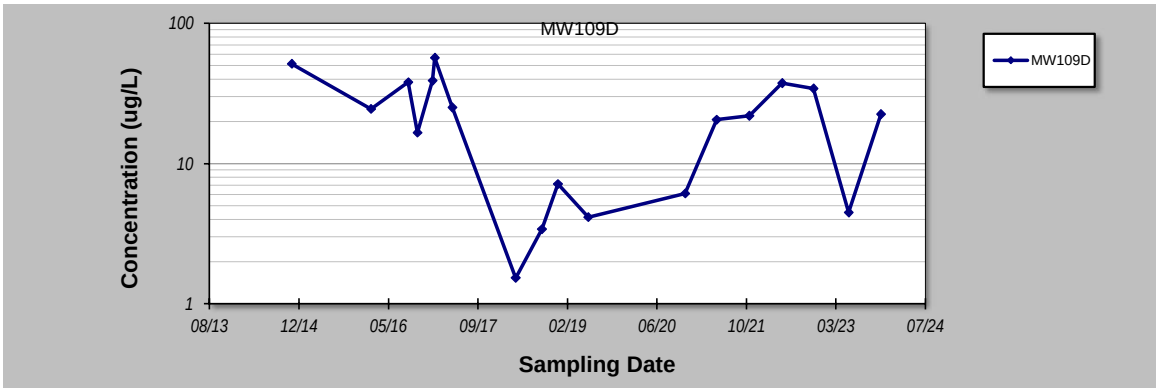
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: South of Lake Cochran	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW109D

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	17/11/2014	51.5
2	2/02/2016	24.5
3	29/08/2016	37.9
4	19/10/2016	16.6
5	12/01/2017	39
6	24/01/2017	56.7
7	2/05/2017	25.1
8	20/04/2018	1.53
9	14/09/2018	3.41
10	13/12/2018	7.15
11	31/05/2019	4.15
12	23/11/2020	6.12
13	17/05/2021	20.5
14	16/11/2021	21.9
15	19/05/2022	37.4
16	10/11/2022	34.3
17	26/05/2023	4.48
18	22/11/2023	22.5
19		
20		
Coefficient of Variation:		0.74
Mann-Kendall Statistic (S):		-25
Confidence Factor:		81.6%
Concentration Trend:		Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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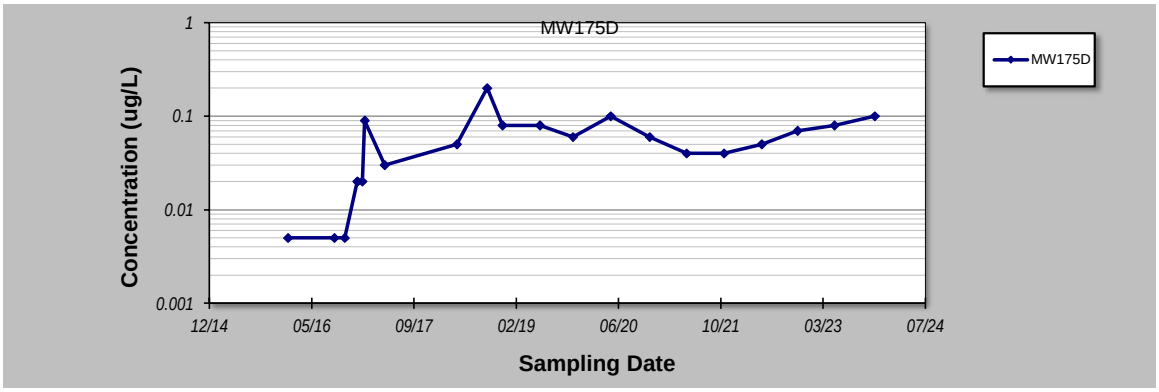
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: South of Lake Cochran	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L
Sampling Point ID:	MW175D		

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	15/01/2016	0.005
2	29/08/2016	0.005
3	19/10/2016	0.005
4	19/12/2016	0.02
5	20/12/2016	0.02
6	12/01/2017	0.02
7	24/01/2017	0.09
8	2/05/2017	0.03
9	20/04/2018	0.05
10	14/09/2018	0.2
11	29/11/2018	0.08
12	31/05/2019	0.08
13	8/11/2019	0.06
14	11/05/2020	0.1
15	17/11/2020	0.06
16	17/05/2021	0.04
17	16/11/2021	0.04
18	19/05/2022	0.05
19	10/11/2022	0.07
20	10/05/2023	0.08
21	22/11/2023	0.1
22		
23		
24		
25		
Coefficient of Variation:		0.79
Mann-Kendall Statistic (S):		101
Confidence Factor:		99.9%
Concentration Trend:		Increasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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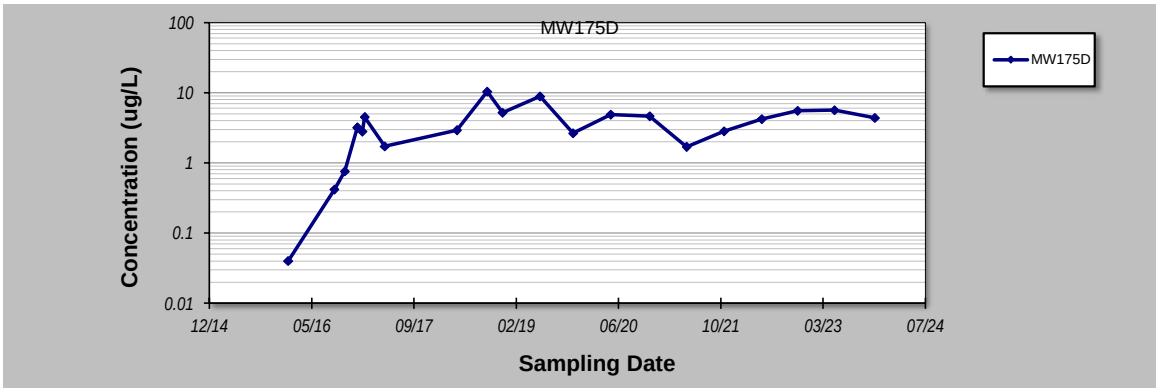
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: South of Lake Cochran	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW175D

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	15/01/2016	0.04
2	29/08/2016	0.42
3	19/10/2016	0.76
4	19/12/2016	3.2
5	20/12/2016	3.2
6	12/01/2017	2.81
7	24/01/2017	4.51
8	2/05/2017	1.73
9	20/04/2018	2.93
10	14/09/2018	10.4
11	29/11/2018	5.2
12	31/05/2019	8.9
13	8/11/2019	2.65
14	11/05/2020	4.9
15	17/11/2020	4.63
16	17/05/2021	1.7
17	16/11/2021	2.84
18	19/05/2022	4.21
19	10/11/2022	5.56
20	10/05/2023	5.66
21	22/11/2023	4.39
22		
23		
24		
25		
Coefficient of Variation:		0.66
Mann-Kendall Statistic (S):		79
Confidence Factor:		99.2%
Concentration Trend:		Increasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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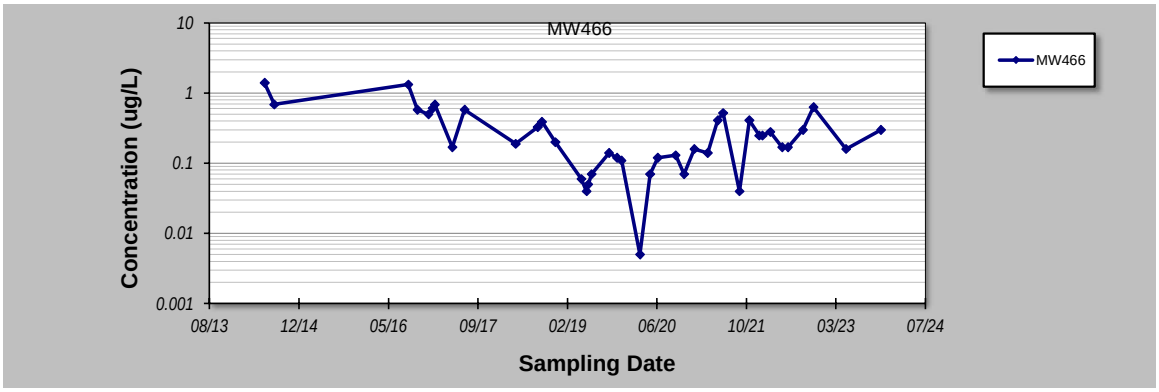
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: South of Lake Cochran	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW466

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	18/06/2014	1.4
2	11/08/2014	0.69
3	29/08/2016	1.33
4	19/10/2016	0.58
5	20/12/2016	0.5
6	12/01/2017	0.61
7	24/01/2017	0.69
8	2/05/2017	0.17
9	10/07/2017	0.58
10	20/04/2018	0.19
11	22/08/2018	0.33
12	14/09/2018	0.39
13	29/11/2018	0.2
14	23/04/2019	0.06
15	22/05/2019	0.04
16	31/05/2019	0.05
17	19/06/2019	0.07
18	24/09/2019	0.14
19	8/11/2019	0.12
20	3/12/2019	0.11
21	16/03/2020	0.005
22	11/05/2020	0.07
23	22/06/2020	0.12
24	1/10/2020	0.13
25	17/11/2020	0.07
26	13/01/2021	0.16
27	29/03/2021	0.14
28	24/05/2021	0.41
29	23/06/2021	0.52
30	22/09/2021	0.04
31	16/11/2021	0.41
32	11/01/2022	0.25
33	28/01/2022	0.25
34	14-Mar-22	0.28
35	19-May-22	0.17
36	20-Jun-22	0.17
37	12-Sep-22	0.3
38	10-Nov-22	0.63
39	10-May-23	0.16
40	22-Nov-23	0.3
Coefficient of Variation:		0.98
Mann-Kendall Statistic (S):		-125
Confidence Factor:		92.6%
Concentration Trend:		Prob. Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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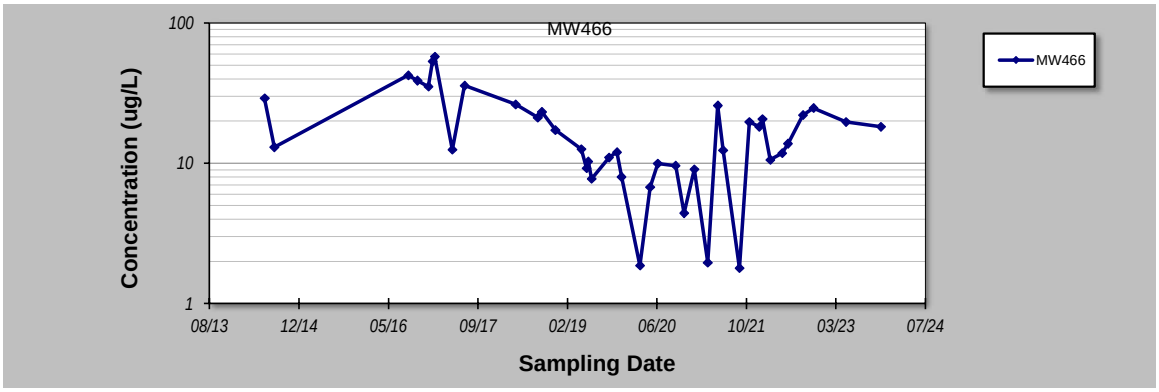
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: South of Lake Cochran	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW466

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	18/06/2014	29.1
2	11/08/2014	13.03
3	29/08/2016	42.3
4	19/10/2016	38.9
5	20/12/2016	35.24
6	12/01/2017	53.2
7	24/01/2017	57.7
8	2/05/2017	12.5
9	10/07/2017	35.8
10	20/04/2018	26.23
11	22/08/2018	21.2
12	14/09/2018	23.2
13	29/11/2018	17.25
14	23/04/2019	12.6
15	22/05/2019	9.23
16	31/05/2019	10.3
17	19/06/2019	7.75
18	24/09/2019	11
19	8/11/2019	12
20	3/12/2019	8.01
21	16/03/2020	1.87
22	11/05/2020	6.76
23	22/06/2020	9.94
24	1/10/2020	9.63
25	17/11/2020	4.41
26	13/01/2021	9.05
27	29/03/2021	1.96
28	24/05/2021	25.8
29	23/06/2021	12.4
30	22/09/2021	1.79
31	16/11/2021	19.7
32	11/01/2022	18.2
33	28/01/2022	20.7
34	14-Mar-22	10.6
35	19-May-22	11.8
36	20-Jun-22	13.8
37	12-Sep-22	22.1
38	10-Nov-22	24.8
39	10-May-23	19.7
40	22-Nov-23	18.2
Coefficient of Variation:		0.71
Mann-Kendall Statistic (S):		-190
Confidence Factor:		98.6%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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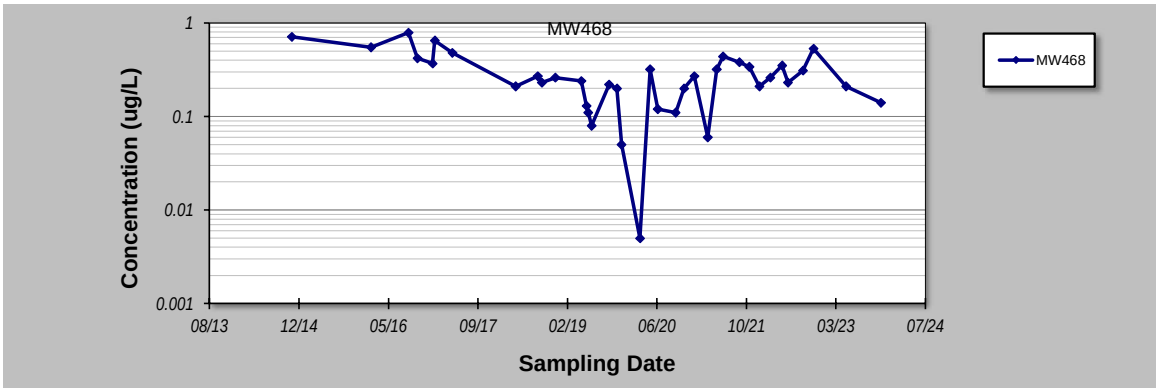
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: South of Lake Cochran	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW468

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	17/11/2014	0.71
2	2/02/2016	0.55
3	30/08/2016	0.79
4	19/10/2016	0.42
5	12/01/2017	0.37
6	24/01/2017	0.65
7	2/05/2017	0.48
8	20/04/2018	0.21
9	22/08/2018	0.27
10	14/09/2018	0.23
11	29/11/2018	0.26
12	23/04/2019	0.24
13	22/05/2019	0.13
14	31/05/2019	0.11
15	19/06/2019	0.08
16	24/09/2019	0.22
17	8/11/2019	0.2
18	3/12/2019	0.05
19	16/03/2020	0.005
20	11/05/2020	0.32
21	23/06/2020	0.12
22	1/10/2020	0.11
23	17/11/2020	0.2
24	13/01/2021	0.27
25	29/03/2021	0.06
26	17/05/2021	0.32
27	23/06/2021	0.44
28	22/09/2021	0.38
29	16/11/2021	0.34
30	12/01/2022	0.21
31	14/03/2022	0.26
32	19/05/2022	0.35
33	20/06/2022	0.23
34	12/09/2022	0.31
35	10/11/2022	0.53
36	10/05/2023	0.21
37	22/11/2023	0.14
38		
39		
40		
Coefficient of Variation:		0.63
Mann-Kendall Statistic (S):		-123
Confidence Factor:		94.5%
Concentration Trend:		Prob. Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

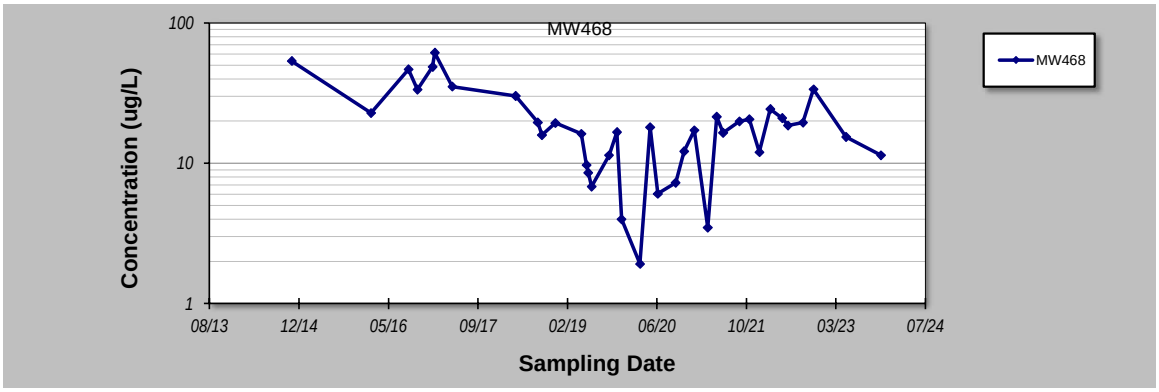
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: South of Lake Cochran	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW468

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	17/11/2014	53.6
2	2/02/2016	22.8
3	30/08/2016	46.8
4	19/10/2016	33.6
5	12/01/2017	48.8
6	24/01/2017	61.5
7	2/05/2017	35.2
8	20/04/2018	30.22
9	22/08/2018	19.6
10	14/09/2018	15.9
11	29/11/2018	19.4
12	23/04/2019	16.2
13	22/05/2019	9.71
14	31/05/2019	8.58
15	19/06/2019	6.82
16	24/09/2019	11.4
17	8/11/2019	16.7
18	3/12/2019	3.99
19	16/03/2020	1.92
20	11/05/2020	18.1
21	23/06/2020	6.07
22	1/10/2020	7.27
23	17/11/2020	12.2
24	13/01/2021	17.2
25	29/03/2021	3.48
26	17/05/2021	21.5
27	23/06/2021	16.5
28	22/09/2021	19.9
29	16/11/2021	20.6
30	12/01/2022	12
31	14/03/2022	24.4
32	19/05/2022	21
33	20/06/2022	18.6
34	12-Sep-22	19.5
35	10-Nov-22	33.7
36	10-May-23	15.4
37	22-Nov-23	11.4
38		
39		
40		
Coefficient of Variation:		0.68
Mann-Kendall Statistic (S):		-139
Confidence Factor:		96.5%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

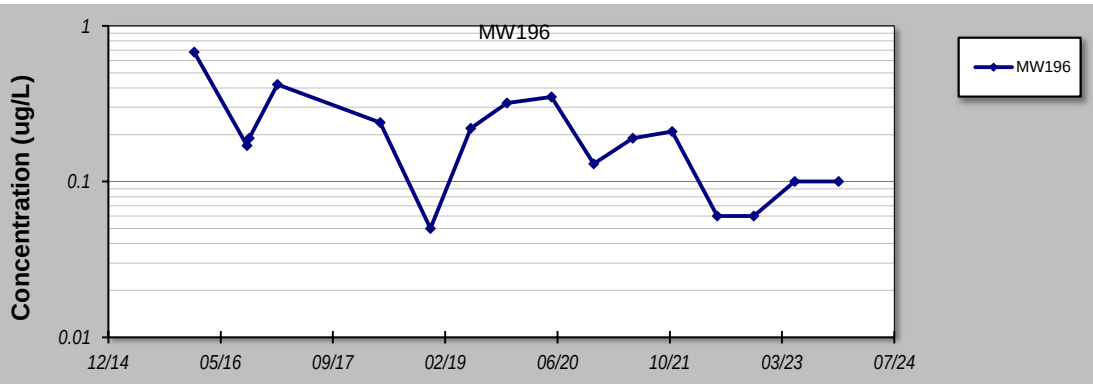
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Former and Current Fire Station	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW196**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	13/01/2016	0.68
2	5/09/2016	0.17
3	15/09/2016	0.19
4	18/01/2017	0.42
5	20/04/2018	0.24
6	30/11/2018	0.05
7	29/05/2019	0.22
8	6/11/2019	0.32
9	22/05/2020	0.35
10	26/11/2020	0.13
11	19/05/2021	0.19
12	10/11/2021	0.21
13	30/05/2022	0.06
14	9/11/2022	0.06
15	10/05/2023	0.1
16	22/11/2023	0.1
17		
18		
19		
20		
Coefficient of Variation:		0.75
Mann-Kendall Statistic (S):		-45
Confidence Factor:		97.7%
Concentration Trend:		Decreasing



Notes:

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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

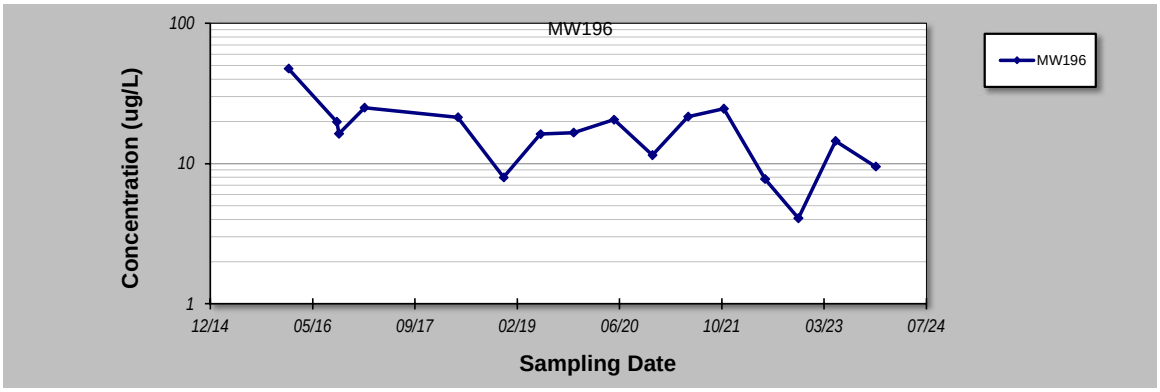
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Former and Current Fire Station	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW196**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	13/01/2016	47.5
2	5/09/2016	19.8
3	15/09/2016	16.3
4	18/01/2017	25
5	20/04/2018	21.4
6	30/11/2018	7.97
7	29/05/2019	16.24
8	6/11/2019	16.6
9	22/05/2020	20.5
10	26/11/2020	11.5
11	19/05/2021	21.6
12	10/11/2021	24.6
13	30/05/2022	7.76
14	9/11/2022	4.08
15	10/05/2023	14.5
16	22/11/2023	9.52
17		
18		
19		
20		
Coefficient of Variation:		0.57
Mann-Kendall Statistic (S):		-44
Confidence Factor:		97.4%
Concentration Trend:		Decreasing



Notes:

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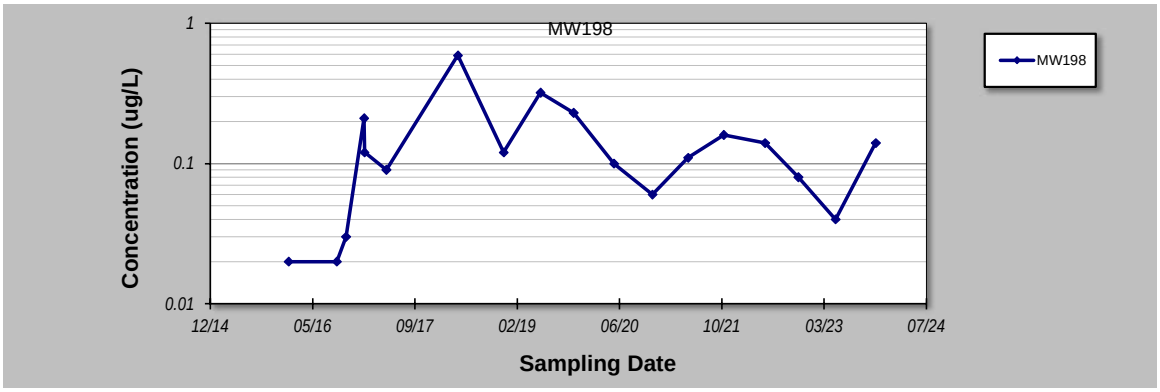
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Former and Current Fire Station	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW198**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	13/01/2016	0.02
2	5/09/2016	0.02
3	20/10/2016	0.03
4	16/01/2017	0.21
5	18/01/2017	0.12
6	5/05/2017	0.09
7	20/04/2018	0.59
8	30/11/2018	0.12
9	29/05/2019	0.32
10	6/11/2019	0.23
11	22/05/2020	0.1
12	26/11/2020	0.06
13	19/05/2021	0.11
14	10/11/2021	0.16
15	30/05/2022	0.14
16	9/11/2022	0.08
17	10/05/2023	0.04
18	22/11/2023	0.14
19		
20		
Coefficient of Variation:		0.95
Mann-Kendall Statistic (S):		18
Confidence Factor:		73.8%
Concentration Trend:		No Trend



Notes:

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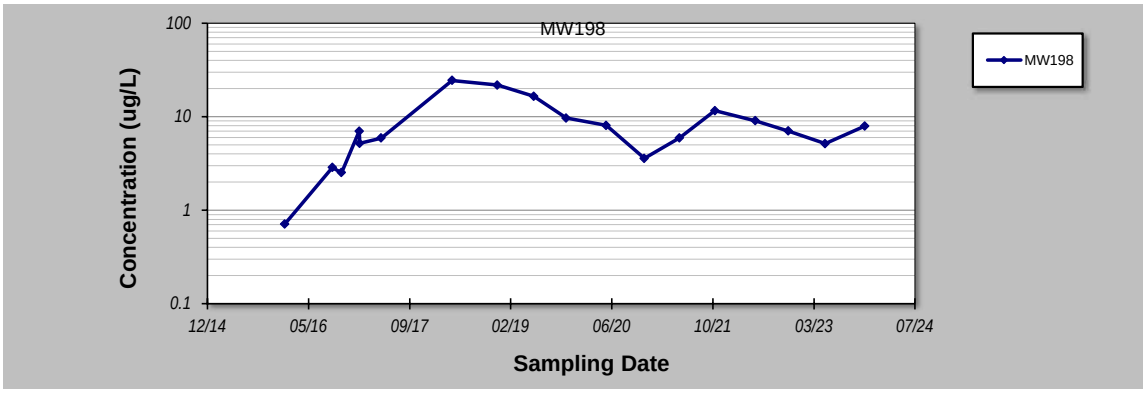
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **27-Feb-24**
Facility Name: **On Base: Former and Current Fire Station**
Conducted By: **NT/JR**

Job ID: **60612562**
Constituent: **PFOS+PFHxS**
Concentration Units: **ug/L**

Sampling Point ID: **MW198**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	13/01/2016	0.71
2	5/09/2016	2.86
3	20/10/2016	2.52
4	16/01/2017	6.99
5	18/01/2017	5.2
6	5/05/2017	5.9
7	20/04/2018	24.45
8	30/11/2018	21.8
9	29/05/2019	16.51
10	6/11/2019	9.68
11	22/05/2020	8.06
12	26/11/2020	3.58
13	19/05/2021	5.93
14	10/11/2021	11.6
15	30/05/2022	9.04
16	9/11/2022	7.03
17	10/05/2023	5.14
18	22/11/2023	7.95
19		
20		
Coefficient of Variation:		0.75
Mann-Kendall Statistic (S):		31
Confidence Factor:		87.0%
Concentration Trend:		No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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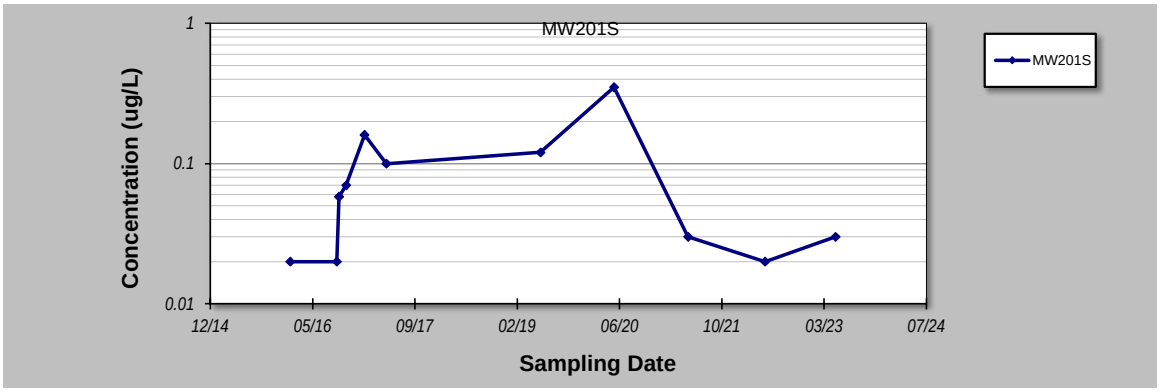
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Former and Current Fire Station	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW201S**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	21/01/2016	0.02
2	5/09/2016	0.02
3	15/09/2016	0.058
4	21/10/2016	0.07
5	18/01/2017	0.16
6	5/05/2017	0.1
7	29/05/2019	0.12
8	22/05/2020	0.35
9	19/05/2021	0.03
10	30/05/2022	0.02
11	10/05/2023	0.03
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		1.11
Mann-Kendall Statistic (S):		9
Confidence Factor:		72.9%
Concentration Trend:		No Trend



Notes:

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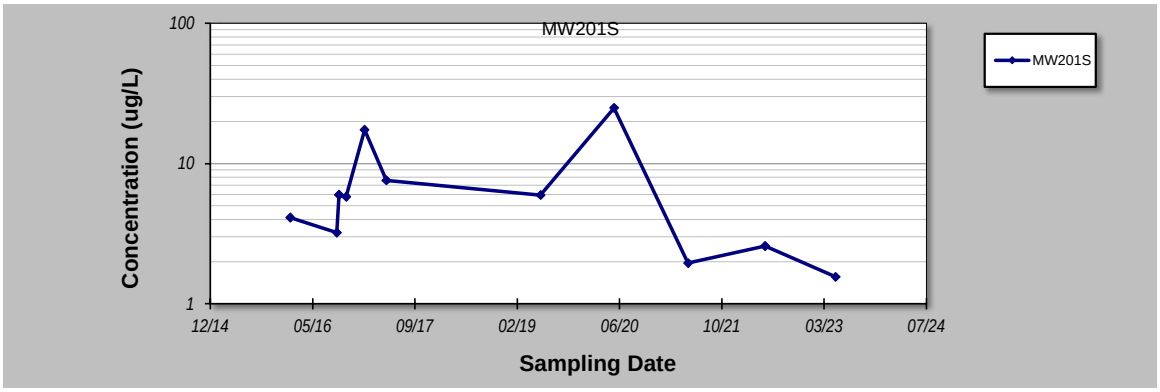
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Former and Current Fire Station	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW201S

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	21/01/2016	4.12
2	5/09/2016	3.21
3	15/09/2016	5.99
4	21/10/2016	5.8
5	18/01/2017	17.4
6	5/05/2017	7.6
7	29/05/2019	5.96
8	22/05/2020	24.9
9	19/05/2021	1.95
10	30/05/2022	2.58
11	10/05/2023	1.56
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.99
Mann-Kendall Statistic (S):		-9
Confidence Factor:		72.9%
Concentration Trend:		Stable



Notes:

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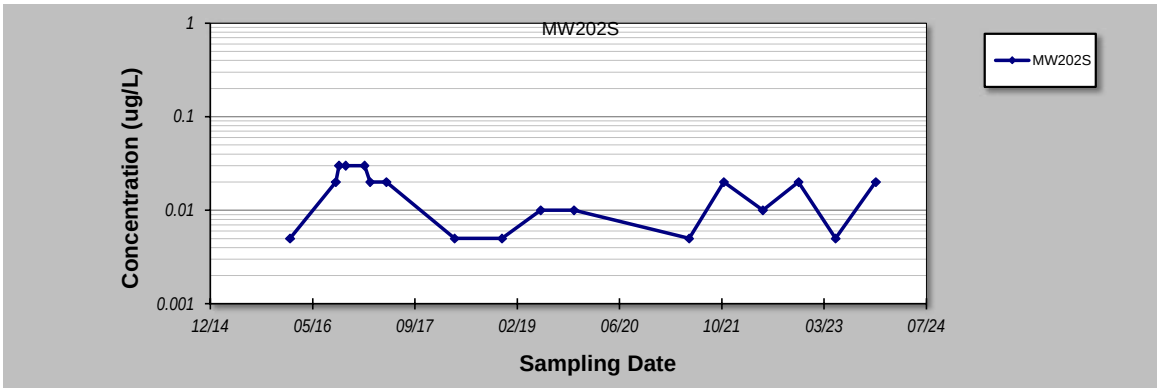
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Former and Current Fire Station	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW202S**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	20/01/2016	0.005
2	31/08/2016	0.02
3	15/09/2016	0.03
4	18/10/2016	0.03
5	18/01/2017	0.03
6	15/02/2017	0.02
7	5/05/2017	0.02
8	4/04/2018	0.005
9	22/11/2018	0.005
10	30/05/2019	0.01
11	8/11/2019	0.01
12	24/05/2021	0.005
13	10/11/2021	0.02
14	19/05/2022	0.01
15	10/11/2022	0.02
16	10/05/2023	0.005
17	22/11/2023	0.02
18		
19		
20		
Coefficient of Variation:		0.60
Mann-Kendall Statistic (S):		-25
Confidence Factor:		83.6%
Concentration Trend:		Stable



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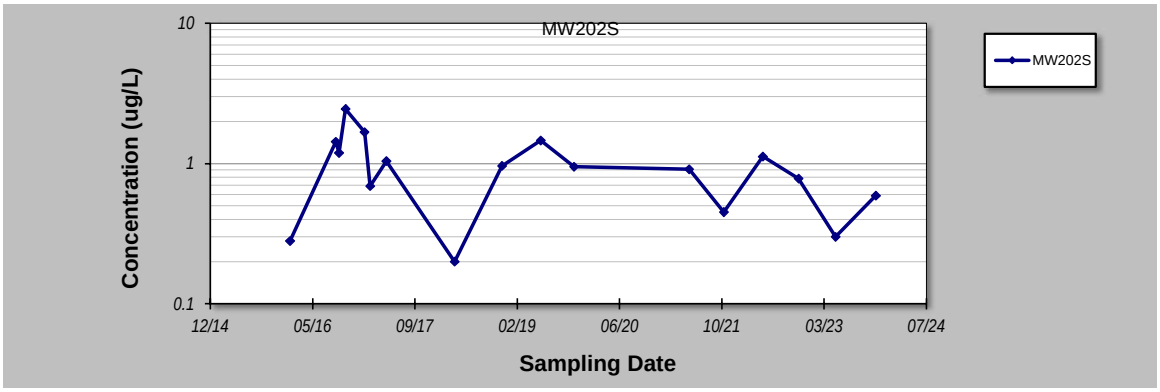
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Former and Current Fire Station	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW202S**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	20/01/2016	0.28
2	31/08/2016	1.43
3	15/09/2016	1.19
4	18/10/2016	2.45
5	18/01/2017	1.67
6	15/02/2017	0.69
7	5/05/2017	1.04
8	4/04/2018	0.2
9	22/11/2018	0.96
10	30/05/2019	1.46
11	8/11/2019	0.95
12	24/05/2021	0.91
13	10/11/2021	0.45
14	19/05/2022	1.12
15	10/11/2022	0.78
16	10/05/2023	0.3
17	22/11/2023	0.59
18		
19		
20		
Coefficient of Variation:		0.59
Mann-Kendall Statistic (S):		-42
Confidence Factor:		95.4%
Concentration Trend:		Decreasing



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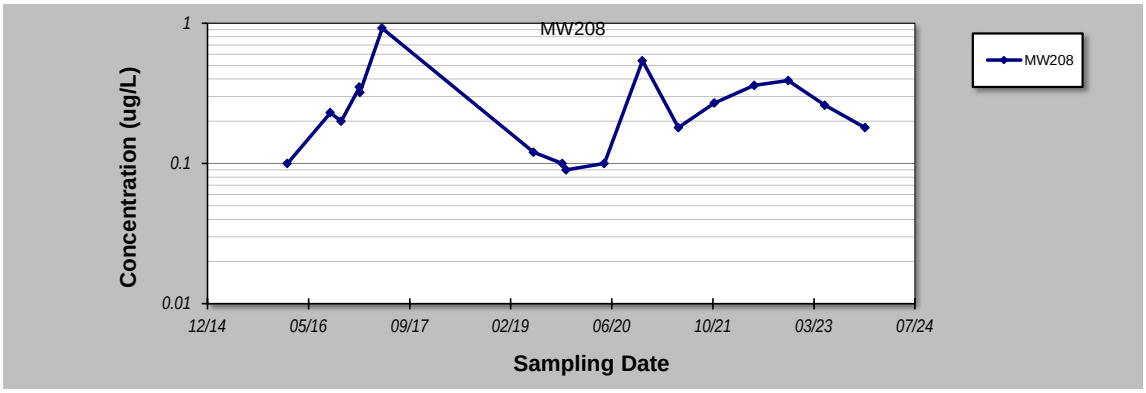
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **27-Feb-24**
Facility Name: **On Base: Trade Waste Treatment**
Conducted By: **NT/JR**

Job ID: **60612562**
Constituent: **PFOA**
Concentration Units: **ug/L**

Sampling Point ID: **MW208**

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	27/01/2016	0.1
2	26/08/2016	0.23
3	18/10/2016	0.2
4	17/01/2017	0.35
5	19/01/2017	0.32
6	9/05/2017	0.92
7	28/05/2019	0.12
8	17/10/2019	0.1
9	6/11/2019	0.09
10	12/05/2020	0.1
11	17/11/2020	0.54
12	14/05/2021	0.18
13	8/11/2021	0.27
14	24/05/2022	0.36
15	8/11/2022	0.39
16	8/05/2023	0.26
17	23/11/2023	0.18
18		
19		
20		
Coefficient of Variation:		0.75
Mann-Kendall Statistic (S):		14
Confidence Factor:		70.1%
Concentration Trend:		No Trend



Notes:

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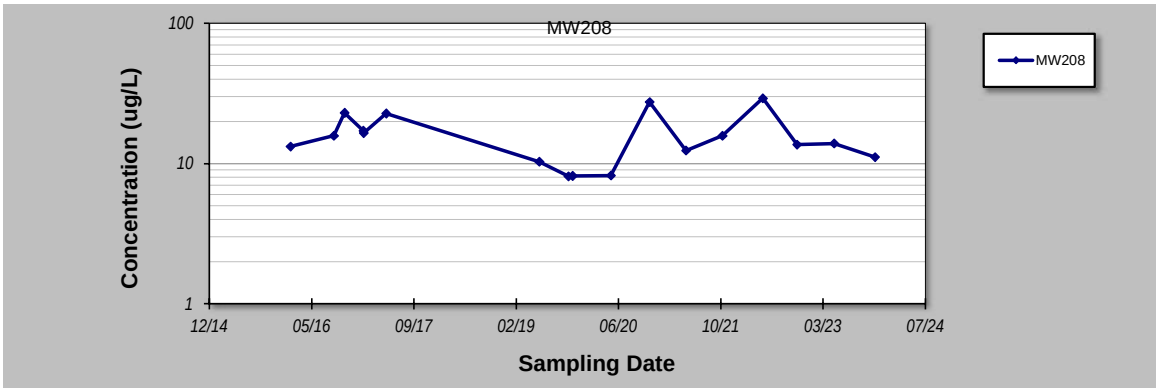
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Trade Waste Treatment	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW208**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	27/01/2016	13.2
2	26/08/2016	15.8
3	18/10/2016	23
4	17/01/2017	17.1
5	19/01/2017	16.52
6	9/05/2017	22.7
7	28/05/2019	10.31
8	17/10/2019	8.11
9	6/11/2019	8.16
10	12/05/2020	8.23
11	17/11/2020	27.4
12	14/05/2021	12.4
13	8/11/2021	15.8
14	24/05/2022	29.2
15	8/11/2022	13.6
16	8/05/2023	13.9
17	23/11/2023	11.1
18		
19		
20		
Coefficient of Variation:		0.41
Mann-Kendall Statistic (S):		-7
Confidence Factor:		59.6%
Concentration Trend:		Stable



Notes:

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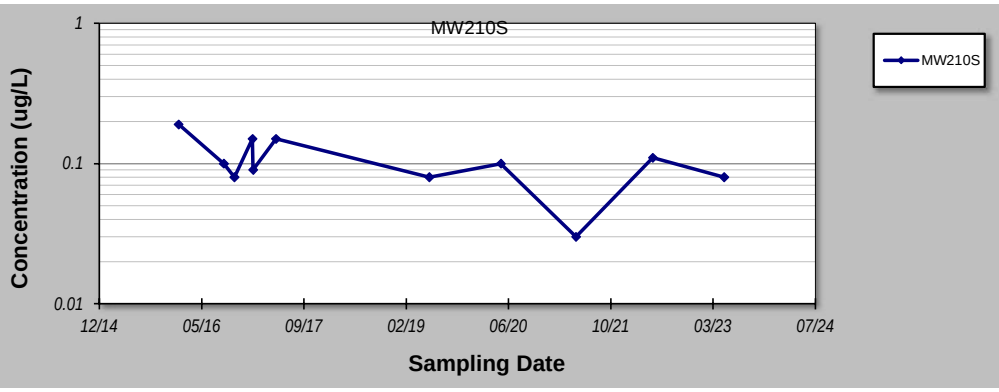
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Trade Waste Treatment	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW210S

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	18/01/2016	0.19
2	26/08/2016	0.1
3	17/10/2016	0.08
4	13/01/2017	0.15
5	16/01/2017	0.09
6	8/05/2017	0.15
7	28/05/2019	0.08
8	12/05/2020	0.1
9	14/05/2021	0.03
10	24/05/2022	0.11
11	8/05/2023	0.08
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.41
Mann-Kendall Statistic (S):		-18
Confidence Factor:		90.5%
Concentration Trend:		Prob. Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

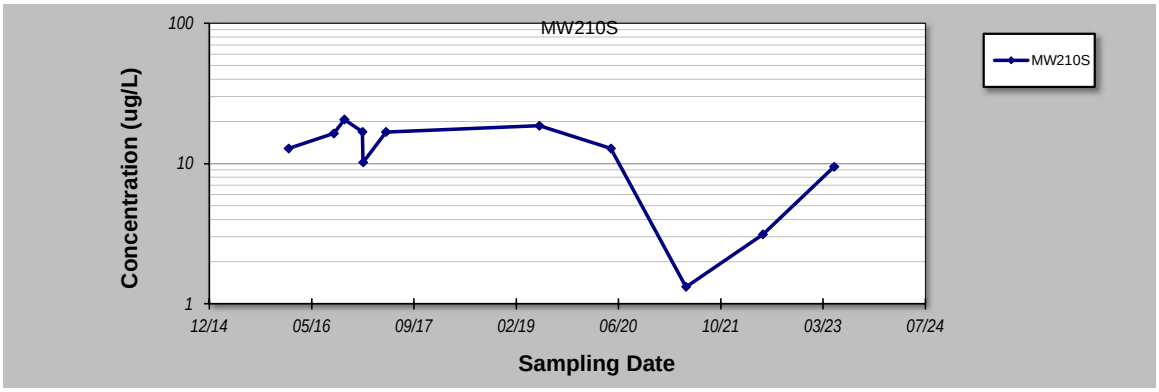
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Trade Waste Treatment	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW210S

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	18/01/2016	12.82
2	26/08/2016	16.4
3	17/10/2016	20.6
4	13/01/2017	16.84
5	16/01/2017	10.2
6	8/05/2017	16.8
7	28/05/2019	18.6
8	12/05/2020	12.8
9	14/05/2021	1.32
10	24/05/2022	3.13
11	8/05/2023	9.48
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.49
Mann-Kendall Statistic (S):		-21
Confidence Factor:		94.0%
Concentration Trend:		Prob. Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

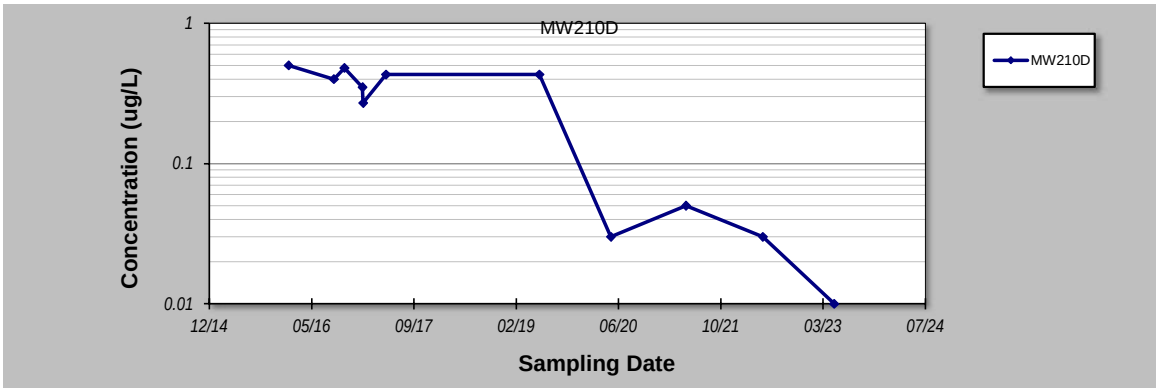
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Trade Waste Treatment	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW210D**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	18/01/2016	0.5
2	26/08/2016	0.4
3	17/10/2016	0.48
4	13/01/2017	0.35
5	16/01/2017	0.27
6	8/05/2017	0.43
7	28/05/2019	0.43
8	12/05/2020	0.03
9	14/05/2021	0.05
10	24/05/2022	0.03
11	8/05/2023	0.01
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.74
Mann-Kendall Statistic (S):		-37
Confidence Factor:		99.8%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

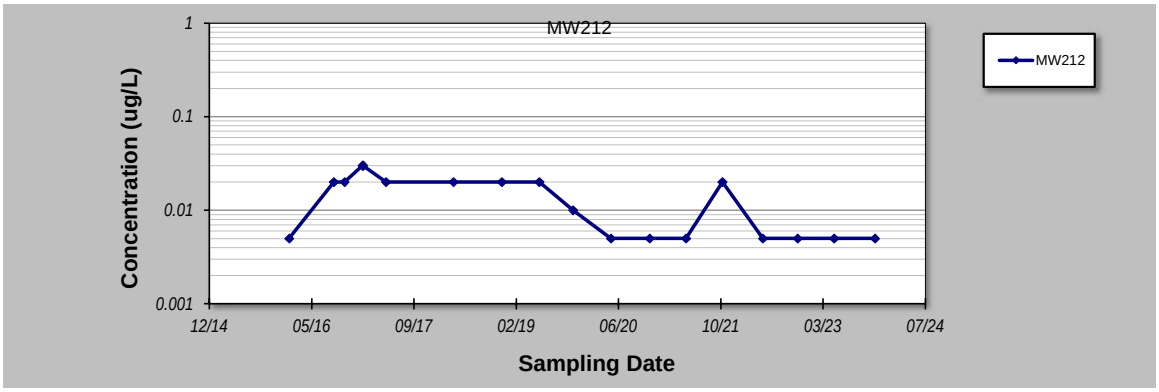
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Trade Waste Treatment	Constituent:	PFOA
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: MW212

Sampling Event	Sampling Date	PFOA CONCENTRATION (ug/L)
1	21/01/2016	0.005
2	26/08/2016	0.02
3	18/10/2016	0.02
4	13/01/2017	0.03
5	16/01/2017	0.03
6	8/05/2017	0.02
7	3/04/2018	0.02
8	26/11/2018	0.02
9	28/05/2019	0.02
10	8/11/2019	0.01
11	12/05/2020	0.005
12	17/11/2020	0.005
13	14/05/2021	0.005
14	8/11/2021	0.02
15	24/05/2022	0.005
16	11/11/2022	0.005
17	8/05/2023	0.005
18	23/11/2023	0.005
19		
20		
Coefficient of Variation:		0.66
Mann-Kendall Statistic (S):		-67
Confidence Factor:		99.5%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

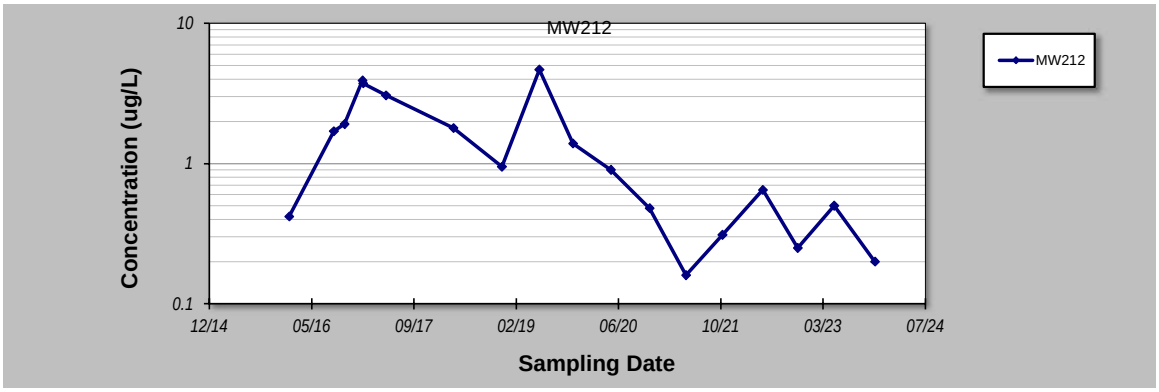
AECOM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Feb-24	Job ID:	60612562
Facility Name:	On Base: Trade Waste Treatment	Constituent:	PFOS+PFHxS
Conducted By:	NT/JR	Concentration Units:	ug/L

Sampling Point ID: **MW212**

Sampling Event	Sampling Date	PFOS+PFHXS CONCENTRATION (ug/L)
1	21/01/2016	0.42
2	26/08/2016	1.7
3	18/10/2016	1.91
4	13/01/2017	3.91
5	16/01/2017	3.73
6	8/05/2017	3.06
7	3/04/2018	1.79
8	26/11/2018	0.95
9	28/05/2019	4.68
10	8/11/2019	1.39
11	12/05/2020	0.9
12	17/11/2020	0.48
13	14/05/2021	0.16
14	8/11/2021	0.31
15	24/05/2022	0.65
16	11/11/2022	0.25
17	8/05/2023	0.5
18	23/11/2023	0.2
19		
20		
Coefficient of Variation:		0.95
Mann-Kendall Statistic (S):		-75
Confidence Factor:		99.8%
Concentration Trend:		Decreasing

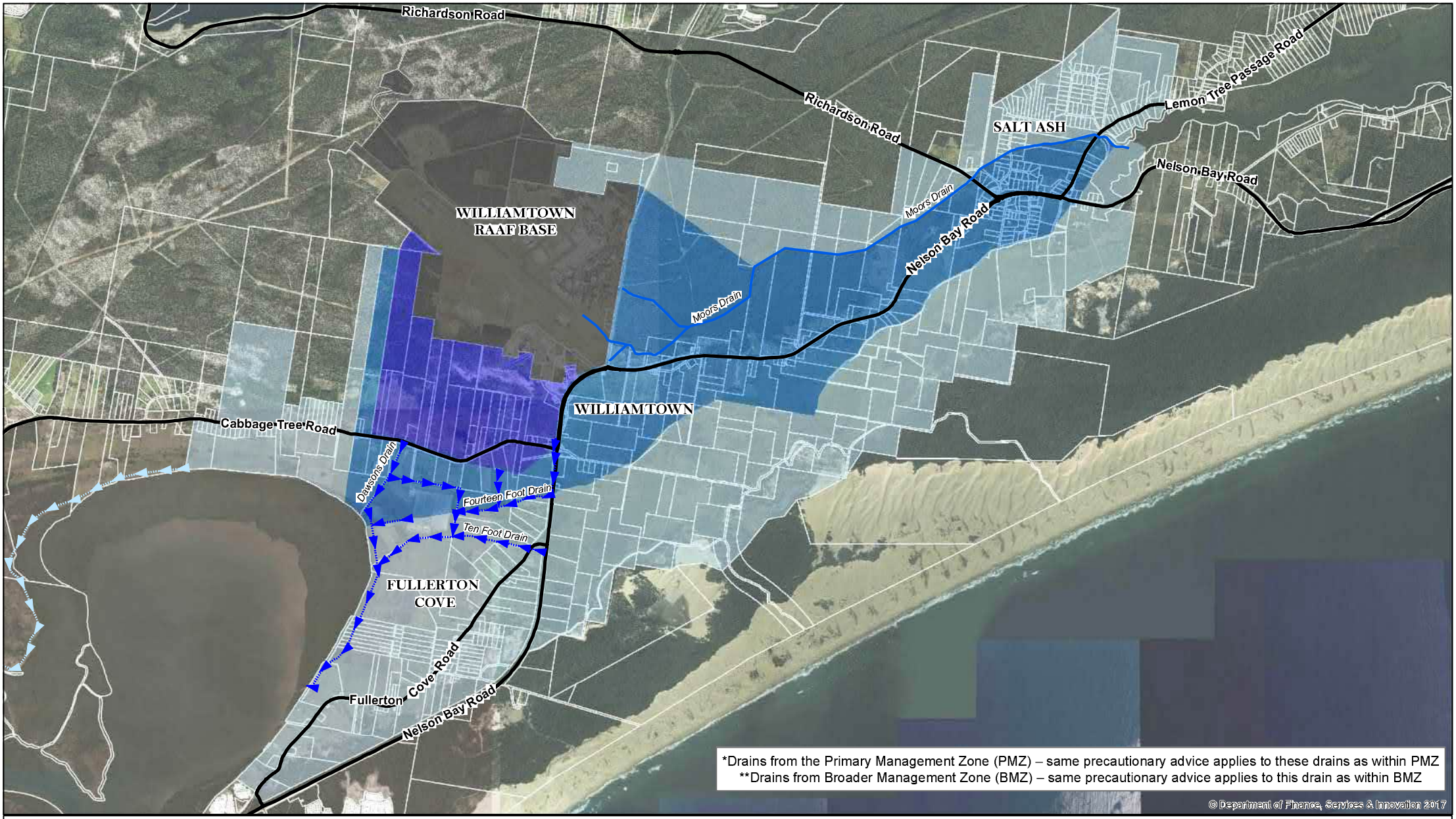


Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

Appendix D

Management Area



Primary Management Zone
Secondary Management Zone
Broader Management Zone
Williamtown RAAF Base
Property Boundary
Roads
Moors Drain
Drains from Primary Management Zone*
Drains from Broader Management Zone**

Williamtown Management Area

Map Created: 19/12/2017

Base imagery: Nearmap 1/ November 2017

N

0 1,000 2,000 Metres

Coordinate System: GDA 1994 MGA Zone 56

NSW GOVERNMENT

Williamtown Management Area Map

The Williamtown Management Area comprises three zones:

- **Primary Management Zone –** this area has significantly higher levels of PFAS and therefore the strongest advice applies.
- **Secondary Management Zone –** this area has some elevated levels of PFAS.
- **Broader Management Zone –** the topography and hydrology of the area means PFAS detections could occur now and into the future.

Each zone has tailored precautionary advice for residents to minimise exposure to PFAS originating from the RAAF Base Williamtown.

The map is based on many sources of information, including:

- The Defence Human Health Risk Assessment monitoring data (released 5 December 2017)
- The location of drainage lines, creeks and other surface water features
- The height of land above sea level
- The location of property boundaries and roads
- Surface water and groundwater flow information based on actual measured data, and modelled data for where contamination may flow in the future.

The map also shows drains leading from the Primary Management Zone (marked as dark blue arrows) and Moors Drain in the Secondary Management Zone (marked with a blue line). The precautionary advice for the area in which the drain is located applies.

Following feedback from the community, the EPA has been working with a group of water experts and the Williamtown Community Reference Group to improve the maps for the various management zones:

- Property boundaries have been overlaid to easily identify individual properties.
- Names of main roads have been included for easy reference
- The three zones within the Management Area are now identified by three shades of blue, representing the concentrations of PFAS detected. This also improves ease of access for visually-impaired people.
- There are now three close-up versions of Fullerton Cove, Williamtown and Salt Ash

Appendix E

Data Deviations

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW106D	10 Nov 2014	Normal	NSW_0908_PFAS	-	<0.01		*0.14*		**2.24**	
On Base	MW106D	19 Jan 2016	Normal	NSW_0908_PFAS	-	**0.66**		<0.01		**3.89**	
On Base	MW106D	25 Aug 2016	Normal	NSW_0908_PFAS	-	0.14		*0.77*		**1.97**	
On Base	MW106D	17 Oct 2016	Normal	NSW_0908_PFAS	-	0.1		*0.36*		**1.2**	
On Base	MW106D	19 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		<0.01		<0.01	
On Base	MW106D	19 Jan 2017	Normal	NSW_0908_PFAS	-	0.13		*0.82*		**1.57**	
On Base	MW106D	20 Jan 2017	Normal	NSW_0908_PFAS	-	0.16		*0.7*		**2.5**	
On Base	MW106D	09 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.22		*0.65*		**1.75**	
On Base	MW106D	03 Apr 2018	Normal	NSW_0908_PFAS	-	0.02		*0.1*		**0.51**	
On Base	MW106D	21 Nov 2018	Normal	NSW_0908_PFAS	-	0.05		*1.3*		**2.04**	
On Base	MW106D	28 May 2019	Normal	NSW_0908_PFAS	-	0.02		*0.24*		**0.58**	
On Base	MW106D	04 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.08		*2.22*		**3.57**	
On Base	MW106D	19 May 2020	Normal	NSW_0908_PFASOMP	-	0.02		*0.49*		**0.8**	
On Base	MW106D	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.05		*1.93*		**2.35**	
On Base	MW106D	14 May 2021	Normal	NSW_0908_PFASOMP	-	0.03		*1.23*		**2**	
On Base	MW106D	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.02	-	*0.22*	-	**0.52**	-
On Base	MW106D	24 May 2022	Normal	NSW_0908_PFASOMP	-	0.14	-	*1.64*	-	**4.21**	New Maximum
On Base	MW106D	08 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.03	-	*0.48*	-	**1.26**	-
On Base	MW106D	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.08	-	*1.21*	-	**2.73**	-
On Base	MW106D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.03	-	*0.39*	-	**1.01**	-
On Base	MW106S	10 Nov 2014	Normal	NSW_0908_PFAS	-	<0.01		*0.08*		**0.35**	
On Base	MW106S	19 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		*0.06*		**0.33**	
On Base	MW106S	25 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		**0.12**	
On Base	MW106S	17 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.08*		**0.25**	
On Base	MW106S	19 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		<0.01		<0.01	
On Base	MW106S	19 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		**0.17**	
On Base	MW106S	19 Jan 2017	Field_D	ACTNSW_Hist_202012-3	-	<0.01		<0.01		<0.01	
On Base	MW106S	20 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		**0.71**	
On Base	MW106S	09 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*0.07*		**0.37**	
On Base	MW106S	03 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		**0.24**	
On Base	MW106S	21 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		**0.18**	
On Base	MW106S	28 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.08*		**0.14**	
On Base	MW106S	04 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		*0.04*		**0.12**	
On Base	MW106S	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.04*		**0.12**	
On Base	MW106S	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.01*		0.03	
On Base	MW106S	14 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.03*		**0.19**	
On Base	MW106S	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.04*	-	**0.19**	-
On Base	MW106S	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.04*	-	**0.21**	-
On Base	MW106S	08 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.03*	-	**0.28**	-
On Base	MW106S	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	-	*0.08*	-	**0.31**	-
On Base	MW106S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.01	-	*0.08*	-	**0.19**	-
On Base	MW108D	17 Nov 2014	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.11**	
On Base	MW108D	21 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW108D	29 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.01*		0.04	
On Base	MW108D	17 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		0.03	
On Base	MW108D	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.04*		**0.47**	
On Base	MW108D	24 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**1.14**	
On Base	MW108D	07 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.56**	
On Base	MW108D	02 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.01*		**0.56**	
On Base	MW108D	04 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.4**	
On Base	MW108D	04 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**0.41**	
On Base	MW108D	29 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.37**	
On Base	MW108D	29 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		**0.38**	
On Base	MW108D	31 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.38**	
On Base	MW108D	31 May 2019	Normal	NSW_0908_PFAS	-	-		-		**0.39**	
On Base	MW108D	31 May 2019	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		**0.37**	
On Base	MW108D	31 May 2019	Field_D	NSW_0908_PFAS	-	-		-		**0.38**	
On Base	MW108D	31 May 2019	Interlab_D	NSW_0908_PFAS	-	<0.01		<0.02		**0.38**	
On Base	MW108D	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.46**	
On Base	MW108D	11 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.44**	
On Base	MW108D	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.23**	
On Base	MW108D	17 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.55**	
On Base	MW108D	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	**1.41**	New Maximum
On Base	MW108D	19 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	**0.21**	-
On Base	MW108D	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	**0.36**	-
On Base	MW108D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	First-time Detection, New Maximum	<0.01	-	**1.56**	New Maximum
On Base	MW108D	10 May 2023	Interlab_D	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	**1.6**	
On Base	MW108D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	**0.44**	-
On Base	MW108S	17 Nov 2014	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.23**	
On Base	MW108S	21 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW108S	29 Aug 2016	Normal	NSW_0908_PFAS	-	0.02		*0.13*		**2.03**	
On Base	MW108S	17 Oct 2016	Normal	NSW_0908_PFAS	-	0.02		*0.2*		**2.6**	
On Base	MW108S	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*0.38*		**1.16**	
On Base	MW108S	24 Jan 2017	Normal	NSW_0908_PFAS	-	0.01		*0.46*		**1.45**	
On Base	MW108S	02 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*0.11*		**0.93**	
On Base	MW108S	04 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.27**	
On Base	MW108S	09 Aug 2018	Normal	NSW_0908_PFASMGMT	-	0.32		*0.06*		**3.03**	
On Base	MW108S	05 Sep 2018	Normal	NSW_0908_PFASMGMT	-	0.35		*0.09*		**3.31**	
On Base	MW108S	03 Oct 2018	Normal	NSW_0908_PFASMGMT	-	**0.57**		*0.1*		**5.9**	
On Base	MW108S	03 Oct 2018	Field_D	NSW_0908_PFASMGMT	-	**0.58**		*0.11*		**5.95**	
On Base	MW108S	03 Oct 2018	Interlab_D	NSW_0908_PFASMGMT	-	0.48		<0.02		**4**	
On Base	MW108S	29 Nov 2018	Normal	NSW_0908_PFAS	-	0.55		*0.07*		**4.53**	
On Base	MW108S	22 Jan 2019	Normal	NSW_0908_PFASMGMT	-	0.4		*0.08*		**3.98**	
On Base	MW108S	01 Apr 2019	Normal	NSW_0908_PFASMGMT	-	0.22		*0.16*		**2.65**	
On Base	MW108S	31 May 2019	Normal	NSW_0908_PFAS	-	0.07		*0.12*		**0.35**	
On Base	MW108S	20 Jun 2019	Normal	NSW_0908_PFASMGMT	-	0.04		*0.09*		**0.32**	
On Base	MW108S	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.02		*0.06*		**2.15**	
On Base	MW108S	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.03		*0.12*		**3.25**	
On Base	MW108S	28 Nov 2019	Normal	NSW_0908_PFAS	-	0.02		*0.12*		**2.75**	
On Base	MW108S	16 Mar 2020	Normal	NSW_0908_PFASMGMT	-	0.01		*0.2*		**0.45**	
On Base	MW108S	11 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.27*		**0.47**	
On Base	MW108S	22 Jun 2020	Normal	NSW_0908_PFASMGMT	-	<0.01		*0.04*		**0.33**	
On Base	MW108S	22 Jun 2020	Field_D	NSW_0908_PFASMGMT	-	<0.01		*0.04*		**0.33**	
On Base	MW108S	30 Sep 2020	Normal	NSW_0908_PFASMGMT	-	<0.01		*0.06*		**0.21**	
On Base	MW108S	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.03*		**0.34**	
On Base	MW108S	13 Jan 2021	Normal	NSW_0908_PFASMGMT	-	0.03		*0.09*		**0.91**	
On Base	MW108S	13 Jan 2021	Field_D	NSW_0908_PFASMGMT	-	0.03		*0.08*		**0.85**	
On Base	MW108S	13 Jan 2021	Interlab_D	NSW_0908_PFASMGMT	-	<0.01		*0.034*		**0.644**	
On Base	MW108S	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.06		*0.12*		**0.84**	
On Base	MW108S	23 Jun 2021	Normal	NSW_0908_PFASMGMT	-	0.08		*0.13*		**1.01**	
On Base	MW108S	05 Nov 2021	Normal	NSW_0908_PFASMGMT	-	0.02		*0.1*		**1.01**	
On Base	MW108S	05 Nov 2021	Field_D	NSW_0908_PFASMGMT	-	0.02		*0.1*		**1**	
On Base	MW108S	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.02	-	*0.09*	-	**0.79**	-
On Base	MW108S	10 Nov 2021	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	*0.08*	-	**0.82**	-
On Base	MW108S	12 Jan 2022	Normal	NSW_0908_PFASMGMT	-	0.05		*0.08*		**1.15**	
On Base	MW108S	14 Mar 2022	Normal	NSW_0908_PFASMGMT	-	0.04		*0.1*		**0.72**	
On Base	MW108S	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.03	-	*0.83*	New Maximum	**1.45**	-
On Base	MW108S	20 Jun 2022	Normal	NSW_0908_PFASMGMT	-	0.03		*0.92*		**1.52**	
On Base	MW108S	12 Sep 2022	Normal	NSW_0908_PFASMGMT	-	0.04		*2.02*		**2.63**	
On Base	MW108S	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.04	-	*1.66*	-	**2.21**	-
On Base	MW108S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.42	-	*4.03*	New Maximum	**6.89**	New Maximum
On Base	MW108S	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.23	-	*4.68*	New Maximum	**6.14**	-
On Base	MW109D	17 Nov 2014	Normal	NSW_0908_PFAS	-	**0.83**		*44*		**51.5**	
On Base	MW109D	02 Feb 2016	Normal	NSW_0908_PFAS	-	**0.67**		*24.5*		**24.5**	
On Base	MW109D	29 Aug 2016	Normal	NSW_0908_PFAS	-	0.42		*34*		**37.9**	
On Base	MW109D	19 Oct 2016	Normal	NSW_0908_PFAS	-	0.34		*15*		**16.6**	
On Base	MW109D	12 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.49		*35*		**39**	
On Base	MW109D	24 Jan 2017	Normal	NSW_0908_PFAS	-	**0.89**		*49.4*		**56.69**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW109D	24 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**56.7**	
On Base	MW109D	02 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.37		*22*		**25.1**	
On Base	MW109D	20 Apr 2018	Normal	NSW_0908_PFAS	-	0.01		*0.94*		**1.53**	
On Base	MW109D	14 Sep 2018	Normal	NSW_0908_PFASMGMT	-	0.02		*3.25*		**3.41**	
On Base	MW109D	13 Dec 2018	Normal	NSW_0908_PFAS	-	0.07		*6.22*		**7**	
On Base	MW109D	13 Dec 2018	Field_D	NSW_0908_PFAS	-	0.07		*6.35*		**7.15**	
On Base	MW109D	31 May 2019	Normal	NSW_0908_PFAS	-	0.02		*3.98*		**4.15**	
On Base	MW109D	23 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.14		*2.98*		**5.83**	
On Base	MW109D	23 Nov 2020	Field_D	NSW_0908_PFASOMP	-	0.15		*3.11*		**6.12**	
On Base	MW109D	23 Nov 2020	Interlab_D	NSW_0908_PFASOMP	-	0.11		*2.6*		**5.1**	
On Base	MW109D	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.5		*14.9*		**20.5**	
On Base	MW109D	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.54	-	*15.4*	-	**21.9**	-
On Base	MW109D	19 May 2022	Normal	NSW_0908_PFASOMP	-	**0.6**	-	*30.9*	-	**37.4**	-
On Base	MW109D	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	**0.76**	-	*26.4*	-	**34.3**	-
On Base	MW109D	26 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.05	-	*3.82*	-	**4.48**	-
On Base	MW109D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	**0.88**	-	*9.64*	-	**22.5**	-
On Base	MW134D	13 Apr 2015	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW134D	04 Feb 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW134D	04 Feb 2016	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW134D	05 Sep 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		0.07	
On Base	MW134D	19 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.2*		**0.25**	
On Base	MW134D	18 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.1*		**0.12**	
On Base	MW134D	18 Jan 2017	Field_D	ACTNSW_Hist_202012-3	-	<0.01		*0.08*		**0.1**	
On Base	MW134D	25 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.17*		**0.27**	
On Base	MW134D	09 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.05*		0.07	
On Base	MW134D	19 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.08*		**0.14**	
On Base	MW134D	30 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		**0.11**	
On Base	MW134D	29 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.06*		**0.1**	
On Base	MW134D	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW134D	15 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.02	
On Base	MW134D	07 Dec 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.03	
On Base	MW134D	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.04	
On Base	MW134D	18 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.01*	-	0.03	-
On Base	MW134D	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	-	0.05	-
On Base	MW134D	14 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	-	0.06	-
On Base	MW134D	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.02*	-	0.04	-
On Base	MW134D	12 May 2023	Field_D	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.02	-
On Base	MW134D	12 May 2023	Interlab_D	NSW_0908_PFASOMP_23	-	<0.01	-	*0.01*	-	0.03	-
On Base	MW134D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.01	-
On Base	MW134I	13 Apr 2015	Normal	NSW_0908_PFAS	-	0.01		<0.01		0.04	
On Base	MW134I	04 Feb 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		0.04	
On Base	MW134I	05 Sep 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.21*		**0.24**	
On Base	MW134I	19 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.13*		**0.16**	
On Base	MW134I	25 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.1**	
On Base	MW134I	09 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.06*		**0.08**	
On Base	MW134I	19 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.08**	
On Base	MW134I	19 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**0.09**	
On Base	MW134I	30 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.03*		**0.08**	
On Base	MW134I	29 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		0.05	
On Base	MW134I	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		*0.02*		0.05	
On Base	MW134I	15 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.03	
On Base	MW134I	07 Dec 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.02*		0.02	
On Base	MW134I	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.08**	
On Base	MW134I	18 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	-	0.05	-
On Base	MW134I	18 Nov 2021	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	*0.01*	New Minimum	0.05	-
On Base	MW134I	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW134I	14 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW134I	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.01*	-	0.04	-
On Base	MW134I	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.02	-
On Base	MW155	21 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.31*		**0.31**	
On Base	MW155	07 Sep 2016	Normal	NSW_0908_PFAS	-	0.02		*1.1*		**1.4**	
On Base	MW155	19 Oct 2016	Normal	NSW_0908_PFAS	-	0.01		*1.2*		**1.41**	
On Base	MW155	12 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*1.5*		**1.72**	
On Base	MW155	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.01		*1.1*		**1.29**	
On Base	MW155	01 Feb 2017	Normal	NSW_0908_PFAS	-	0.09		*0.67*		**0.74**	
On Base	MW155	20 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.69*		**1.08**	
On Base	MW155	21 Nov 2018	Normal	NSW_0908_PFAS	-	0.01		*0.64*		**0.99**	
On Base	MW155	28 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*1.26*		**1.51**	
On Base	MW155	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.87*		**1.24**	
On Base	MW155	24 May 2021	Normal	NSW_0908_PFASOMP	-	0.02		*0.61*		**1.08**	
On Base	MW155	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.08	-	*1.23*	-	**1.43**	-
On Base	MW156D	09 Feb 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW156D	24 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		0.04	
On Base	MW156D	19 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW156D	20 Dec 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW156D	12 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.02	
On Base	MW156D	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		<0.01		<0.01	
On Base	MW156D	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		<0.01		<0.01	
On Base	MW156D	03 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW156D	28 Jun 2018	Normal	NSW_0908_Stage2	-	<0.01		<0.01		<0.01	
On Base	MW156D	21 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW156D	27 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW156D	04 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW156D	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW156D	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW156D	14 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW156D	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW156D	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW156D	08 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW156D	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW156D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.01*	-	0.01	-
On Base	MW156D	23 Nov 2023	Field_D	NSW_0908_PFASOMP_23	-	<0.01	-	*0.01*	-	0.01	-
On Base	MW156D	23 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW166	13 Jan 2016	Normal	NSW_0908_PFAS	-	0.07		*27.4*		**27.4**	
On Base	MW166	01 Sep 2016	Normal	NSW_0908_PFAS	-	0.06		*28*		**28.78**	
On Base	MW166	01 Sep 2016	Field_D	NSW_0908_PFAS	-	0.03		*13*		**13.35**	
On Base	MW166	12 Oct 2016	Normal	NSW_0908_PFAS	-	0.04		*20*		**20.68**	
On Base	MW166	17 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.4		*120*		**126.2**	
On Base	MW166	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.4		*120*		**126.2**	
On Base	MW166	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.1		*21.3*		**21.9**	
On Base	MW166	17 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**21.92**	
On Base	MW166	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.06		*12*		**12.52**	
On Base	MW166	04 Apr 2018	Normal	NSW_0908_PFAS	-	0.05		*23.5*		**24.2**	
On Base	MW166	04 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**24.18**	
On Base	MW166	29 Nov 2018	Normal	NSW_0908_PFAS	-	0.03		*17.8*		**18.1**	
On Base	MW166	01 Apr 2019	Normal	NSW_0908_PFASMGMT	-	0.04		*17.6*		**17.9**	
On Base	MW166	20 Jun 2019	Normal	NSW_0908_PFASMGMT	-	0.04		*14.3*		**14.6**	
On Base	MW166	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.04		*18.2*		**18.5**	
On Base	MW166	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.04		*14.6*		**15**	
On Base	MW166	29 Nov 2019	Normal	NSW_0908_PFASMGMT	-	0.04		*14.6*		**14.8**	
On Base	MW166	13 Mar 2020	Normal	NSW_0908_PFASMGMT	-	0.04		*14.8*		**15.2**	
On Base	MW166	13 May 2020	Normal	NSW_0908_PFASOMP	-	0.04		*17.6*		**17.9**	
On Base	MW166	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.03		*15.2*		**15.6**	
On Base	MW166	18 May 2021	Normal	NSW_0908_PFASOMP	-	0.11		*12.1*		**14.4**	
On Base	MW166	18 Nov 2021	Normal	NSW_0908_PFASMGMT	-	0.05		*13.7*		**14.5**	
On Base	MW166	18 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.05	-	*14*	-	**14.9**	-
On Base	MW166	25 May 2022	Normal	NSW_0908_PFASMGMT	-	0.11		*14.5*		**15.8**	
On Base	MW166	25 May 2022	Normal	NSW_0908_PFASOMP	-	0.09	-	*12.6*	-	**13.6**	-
On Base	MW166	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*6.74*	New Minimum	**7.58**	New Minimum

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW166	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.05	-	*18.6*	-	**18.9**	**-**
On Base	MW166	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	New Minimum	*8.45*	-	**8.56**	**-**
On Base	MW167	13 Jan 2016	Normal	NSW_0908_PFAS	-	**0.61**		*164*		**174.3**	
On Base	MW167	01 Sep 2016	Normal	NSW_0908_PFAS	-	**1.6**		*120*		**144**	
On Base	MW167	01 Sep 2016	Field_D	NSW_0908_PFAS	-	**1.9**		*150*		**177**	
On Base	MW167	12 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*110*		**129**	
On Base	MW167	17 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	**3.4**		*240*		**272**	
On Base	MW167	17 Jan 2017	Normal	NSW_0908_PFAS	-	**3.4**		*240*		**272**	
On Base	MW167	17 Jan 2017	Normal	NSW_0908_PFAS	-	**4.31**		*276*		**302**	
On Base	MW167	17 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**302.5**	
On Base	MW167	18 Jan 2017	Normal	NSW_0908_PFAS	-	**5.58**		*440*		**522**	
On Base	MW167	18 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**522.5**	
On Base	MW167	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	**3.3**		*150*		**176**	
On Base	MW167	03 May 2017	Field_D	ACTNSW_Hist_202012-3	-	**2.3**		*240*		**271**	
On Base	MW167	23 Nov 2017	Normal	NSW_0908_PFAS	-	**5.24**		*426*		**464**	
On Base	MW167	23 Nov 2017	Normal	NSW_0908_PFAS	-	-		-		**463.5**	
On Base	MW167	23 Nov 2017	Field_D	NSW_0908_PFAS	-	**5.25**		*358*		**396**	
On Base	MW167	23 Nov 2017	Field_D	NSW_0908_PFAS	-	-		-		**395.9**	
On Base	MW167	18 Apr 2018	Normal	NSW_0908_PFAS	-	**3.02**		*465*		**496**	
On Base	MW167	18 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**495.6**	
On Base	MW167	08 Aug 2018	Normal	NSW_0908_PFASMGMT	-	**0.87**		*102*		**109**	
On Base	MW167	04 Sep 2018	Normal	NSW_0908_PFASMGMT	-	**1.91**		*274*		**290**	
On Base	MW167	02 Oct 2018	Normal	NSW_0908_PFASMGMT	-	**6.85**		*522*		**547**	
On Base	MW167	29 Nov 2018	Normal	NSW_0908_PFAS	-	**4.56**		*372*		**398**	
On Base	MW167	29 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		**398.4**	
On Base	MW167	29 Nov 2018	Field_D	NSW_0908_PFAS	-	**3.95**		*346*		**372**	
On Base	MW167	29 Nov 2018	Field_D	NSW_0908_PFAS	-	-		-		**371.8**	
On Base	MW167	22 Jan 2019	Normal	NSW_0908_PFASMGMT	-	**2.46**		*490*		**506**	
On Base	MW167	02 Apr 2019	Normal	NSW_0908_PFASMGMT	-	**1.63**		*546*		**563**	
On Base	MW167	30 May 2019	Normal	NSW_0908_PFAS	-	**1.25**		*391*		**402**	
On Base	MW167	30 May 2019	Normal	NSW_0908_PFAS	-	-		-		**402.3**	
On Base	MW167	19 Jun 2019	Normal	NSW_0908_PFASMGMT	-	**0.9**		*412*		**421**	
On Base	MW167	23 Sep 2019	Interlab_D	NSW_0908_PFASMGMT	-	0.092		*4.9*		**6.7**	
On Base	MW167	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.56		*219*		**222**	
On Base	MW167	24 Sep 2019	Field_D	NSW_0908_PFASMGMT	-	**0.74**		*199*		**203**	
On Base	MW167	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.54		*158*		**160**	
On Base	MW167	29 Nov 2019	Normal	NSW_0908_PFASMGMT	-	**0.57**		*200*		**202**	
On Base	MW167	16 Mar 2020	Normal	NSW_0908_PFASMGMT	-	**0.66**		*196*		**198**	
On Base	MW167	13 May 2020	Normal	NSW_0908_PFASOMP	-	0.53		*161*		**163**	
On Base	MW167	13 May 2020	Field_D	NSW_0908_PFASOMP	-	**0.57**		*172*		**174**	
On Base	MW167	13 May 2020	Interlab_D	NSW_0908_PFASOMP	-	0.39		*110*		**111.5**	
On Base	MW167	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.19		*72.1*		**73.3**	
On Base	MW167	18 May 2021	Normal	NSW_0908_PFASOMP	-	0.24		*63.8*		**65**	
On Base	MW167	18 Nov 2021	Normal	NSW_0908_PFASMGMT	-	0.08		*64.8*		**65.4**	
On Base	MW167	18 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.06	-	*45*	-	**45.5**	**-**
On Base	MW167	25 May 2022	Normal	NSW_0908_PFASMGMT	-	0.03		*1.9*		**2.17**	
On Base	MW167	25 May 2022	Normal	NSW_0908_PFASOMP	-	0.02	-	*2.44*	-	**2.75**	**-**
On Base	MW167	21 Jun 2022	Normal	NSW_0908_PFASMGMT	-	0.04		*84.6*		**84.7**	
On Base	MW167	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.02	-	*22.8*	-	**23**	**-**
On Base	MW167	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	-	*29.3*	-	**29.7**	**-**
On Base	MW167	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.05	-	*45.8*	-	**46.4**	**-**
On Base	MW168	13 Jan 2016	Normal	NSW_0908_PFAS	-	0.18		*42.9*		**42.9**	
On Base	MW168	02 Sep 2016	Normal	NSW_0908_PFAS	-	0.2		*48*		**50.4**	
On Base	MW168	02 Sep 2016	Field_D	NSW_0908_PFAS	-	0.23		*61*		**63.4**	
On Base	MW168	12 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*31*		**45**	
On Base	MW168	17 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.05		*20*		**20.52**	
On Base	MW168	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.05		*20*		**20.52**	
On Base	MW168	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.56		*90.8*		**94.4**	
On Base	MW168	17 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**94.43**	
On Base	MW168	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.56		*59*		**68.9**	
On Base	MW168	23 Apr 2018	Normal	NSW_0908_PFAS	-	0.3		*78.3*		**83.2**	
On Base	MW168	23 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**83.21**	
On Base	MW168	08 Aug 2018	Normal	NSW_0908_PFASMGMT	-	0.3		*29.5*		**32.6**	
On Base	MW168	03 Sep 2018	Normal	NSW_0908_PFASMGMT	-	**1.24**		*58.2*		**73.7**	
On Base	MW168	03 Sep 2018	Field_D	NSW_0908_PFASMGMT	-	**1.3**		*56.9*		**70.9**	
On Base	MW168	03 Sep 2018	Interlab_D	NSW_0908_PFASMGMT	-	**1**		*48*		**58**	
On Base	MW168	02 Oct 2018	Normal	NSW_0908_PFASMGMT	-	0.34		*75.5*		**79.9**	
On Base	MW168	02 Oct 2018	Field_D	NSW_0908_PFASMGMT	-	0.35		*66.7*		**71.4**	
On Base	MW168	02 Oct 2018	Interlab_D	NSW_0908_PFASMGMT	-	0.23		*61*		**64**	
On Base	MW168	29 Nov 2018	Normal	NSW_0908_PFAS	-	0.08		*34.2*		**35.6**	
On Base	MW168	29 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		**35.56**	
On Base	MW168	29 Nov 2018	Field_D	NSW_0908_PFAS	-	0.25		*11.6*		**15.4**	
On Base	MW168	29 Nov 2018	Field_D	NSW_0908_PFAS	-	-		-		**15.35**	
On Base	MW168	22 Jan 2019	Normal	NSW_0908_PFASMGMT	-	0.1		*41.5*		**44.6**	
On Base	MW168	01 Apr 2019	Normal	NSW_0908_PFASMGMT	-	0.11		*24.6*		**26.8**	
On Base	MW168	31 May 2019	Normal	NSW_0908_PFAS	-	0.07		*23.3*		**24.58**	
On Base	MW168	31 May 2019	Normal	NSW_0908_PFAS	-	-		-		**24.6**	
On Base	MW168	20 Jun 2019	Normal	NSW_0908_PFASMGMT	-	0.09		*13.5*		**15**	
On Base	MW168	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.16		*25.9*		**28.1**	
On Base	MW168	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.09		*19.6*		**20.8**	
On Base	MW168	29 Nov 2019	Normal	NSW_0908_PFASMGMT	-	0.06		*16.5*		**17.5**	
On Base	MW168	29 Nov 2019	Field_D	NSW_0908_PFASMGMT	-	0.06		*15*		**16**	
On Base	MW168	29 Nov 2019	Interlab_D	NSW_0908_PFASMGMT	-	0.047		*16*		**16.97**	
On Base	MW168	13 Mar 2020	Normal	NSW_0908_PFASMGMT	-	0.1		*26.1*		**28**	
On Base	MW168	13 Mar 2020	Field_D	NSW_0908_PFASMGMT	-	0.1		*25.4*		**27.3**	
On Base	MW168	13 May 2020	Normal	NSW_0908_PFASOMP	-	0.11		*22.3*		**24.5**	
On Base	MW168	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.25		*2.95*		**3.53**	
On Base	MW168	18 May 2021	Normal	NSW_0908_PFASOMP	-	0.51		*9.84*		**14.2**	
On Base	MW168	18 Nov 2021	Normal	NSW_0908_PFASMGMT	-	0.09		*25.6*		**27.1**	
On Base	MW168	18 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.15	-	*20.7*	-	**22.6**	**-**
On Base	MW168	26 May 2022	Normal	NSW_0908_PFASMGMT	-	0.32		*14.6*		**18.1**	
On Base	MW168	26 May 2022	Normal	NSW_0908_PFASOMP	-	0.24	-	*7.87*	-	**11.3**	**-**
On Base	MW168	26 May 2022	Interlab_D	NSW_0908_PFASMGMT	-	0.28		*17*		**21**	
On Base	MW168	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.18	-	*4.24*	-	**5.04**	**-**
On Base	MW168	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.44	-	*44.4*	-	**50.6**	**-**
On Base	MW168	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.07	-	*9.25*	-	**9.91**	**-**
On Base	MW169D	13 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		*0.31*		**0.31**	
On Base	MW169D	02 Sep 2016	Normal	NSW_0908_PFAS	-	0.05		*0.5*		**4.6**	
On Base	MW169D	12 Oct 2016	Normal	NSW_0908_PFAS	-	0.05		*0.85*		**5.75**	
On Base	MW169D	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.07		*0.47*		**4.47**	
On Base	MW169D	16 Jan 2017	Normal	NSW_0908_PFAS	-	0.07		*0.47*		**4.47**	
On Base	MW169D	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.13		*0.65*		**7.37**	
On Base	MW169D	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.1		*0.82*		**8.32**	
On Base	MW169D	22 Nov 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.28*		**8.08**	
On Base	MW169D	30 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.11*		**0.26**	
On Base	MW169D	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.09		*0.71*		**6.25**	
On Base	MW169D	06 Nov 2019	Field_D	NSW_0908_PFASOMP	-	0.09		*0.67*		**6.11**	
On Base	MW169D	07 Nov 2019	Interlab_D	NSW_0908_PFASOMP	-	0.062		*0.52*		**5.72**	
On Base	MW169D	13 May 2020	Normal	NSW_0908_PFASOMP	-	0.03		*0.28*		**2.46**	
On Base	MW169D	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.06*		**0.39**	
On Base	MW169D	18 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.09*		**0.52**	
On Base	MW169D	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.08*	-	**0.29**	**-**
On Base	MW169D	19 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.08*	-	**0.18**	New Minimum
On Base	MW169D	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.06*	-	**0.18**	**-**
On Base	MW169D	09 Nov 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	*0.08*	-	**0.27**	**-**
On Base	MW169D	09 Nov 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	*0.06*	-	**0.22**	**-**
On Base	MW169D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.06*	-	**0.12**	New Minimum
On Base	MW169D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.04*	New Minimum	**0.09**	New Minimum
On Base	MW169D	22 Nov 2023	Field_D	NSW_0908_PFASOMP_23	-	<0.01	-	*0.04*		**0.09**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW169D	22 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	-	<0.01	-	*0.04*		**0.09**	
On Base	MW169S	13 Jan 2016	Normal	NSW_0908_PFAS	-	0.05		*0.2*		**0.2**	
On Base	MW169S	02 Sep 2016	Normal	NSW_0908_PFAS	-	0.01		*0.2*		**0.6**	
On Base	MW169S	12 Oct 2016	Normal	NSW_0908_PFAS	-	0.01		*0.23*		**0.61**	
On Base	MW169S	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.06		*0.11*		**0.62**	
On Base	MW169S	16 Jan 2017	Normal	NSW_0908_PFAS	-	0.06		*0.11*		**0.62**	
On Base	MW169S	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.08		*0.16*		**0.84**	
On Base	MW169S	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.05		*0.18*		**1.06**	
On Base	MW169S	05 Sep 2018	Normal	NSW_0908_PFASMGMT	-	0.06		*0.08*		**0.94**	
On Base	MW169S	22 Jan 2019	Normal	NSW_0908_PFASMGMT	-	0.03		*0.05*		**0.61**	
On Base	MW169S	30 May 2019	Normal	NSW_0908_PFAS	-	0.03		*0.17*		**0.52**	
On Base	MW169S	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.02		*0.1*		**0.56**	
On Base	MW169S	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.02		*0.15*		**0.52**	
On Base	MW169S	13 May 2020	Normal	NSW_0908_PFASOMP	-	<0.05		*0.31*		**0.57**	
On Base	MW169S	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.13*		**0.34**	
On Base	MW169S	18 May 2021	Normal	NSW_0908_PFASOMP	-	0.02		*0.11*		**0.38**	
On Base	MW169S	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.11*	-	**0.26**	-
On Base	MW169S	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.12*	-	**0.25**	-
On Base	MW169S	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.08*	-	**0.23**	-
On Base	MW169S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.07*	-	**0.23**	-
On Base	MW169S	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.04*	New Minimum	**0.18**	New Minimum
On Base	MW171D	15 Jan 2016	Normal	NSW_0908_PFAS	-	0.12		*4.97*		**4.97**	
On Base	MW171D	31 Aug 2016	Normal	NSW_0908_PFAS	-	0.03		*2.2*		**2.67**	
On Base	MW171D	12 Oct 2016	Normal	NSW_0908_PFAS	-	0.02		*1.5*		**1.91**	
On Base	MW171D	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*1.1*		**1.43**	
On Base	MW171D	24 Jan 2017	Normal	NSW_0908_PFAS	-	0.01		*0.18*		**0.79**	
On Base	MW171D	24 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.42**	
On Base	MW171D	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.03		*1.8*		**2.54**	
On Base	MW171D	04 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.57**	
On Base	MW171D	22 Nov 2018	Normal	NSW_0908_PFAS	-	0.02		*0.99*		**1.19**	
On Base	MW171D	30 May 2019	Normal	NSW_0908_PFAS	-	0.03		*2.23*		**2.58**	
On Base	MW171D	25 Oct 2019	Normal	NSW_0908_PFASMGMT	-	0.09		*2.93*		**3.93**	
On Base	MW171D	15 May 2020	Normal	NSW_0908_PFASOMP	-	0.07		*0.47*		**1.2**	
On Base	MW171D	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.03		*0.03*		**0.51**	
On Base	MW171D	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.01*	-	**0.94**	-
On Base	MW171D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.04*	-	**0.51**	-
On Base	MW171S	15 Jan 2016	Normal	NSW_0908_PFAS	-	0.22		*0.89*		**0.89**	
On Base	MW171S	31 Aug 2016	Normal	NSW_0908_PFAS	-	0.23		*1.6*		**4.2**	
On Base	MW171S	12 Oct 2016	Normal	NSW_0908_PFAS	-	0.25		*2.5*		**5**	
On Base	MW171S	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.32		*2.9*		**4.9**	
On Base	MW171S	24 Jan 2017	Normal	NSW_0908_PFAS	-	**0.64**		*4.65*		**10.1**	
On Base	MW171S	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.21		*1.7*		**4.6**	
On Base	MW171S	04 Apr 2018	Normal	NSW_0908_PFAS	-	0.14		*2.26*		**4.64**	
On Base	MW171S	09 Aug 2018	Normal	NSW_0908_PFASMGMT	-	0.14		*2.05*		**3.99**	
On Base	MW171S	05 Sep 2018	Normal	NSW_0908_PFASMGMT	-	0.1		*1.1*		**3.02**	
On Base	MW171S	03 Oct 2018	Normal	NSW_0908_PFASMGMT	-	0.17		*2.09*		**4.75**	
On Base	MW171S	22 Nov 2018	Normal	NSW_0908_PFAS	-	0.3		*1.89*		**4.56**	
On Base	MW171S	22 Jan 2019	Normal	NSW_0908_PFASMGMT	-	0.2		*1.8*		**4.59**	
On Base	MW171S	01 Apr 2019	Normal	NSW_0908_PFASMGMT	-	0.11		*9.91*		**12**	
On Base	MW171S	01 Apr 2019	Field_D	NSW_0908_PFASMGMT	-	0.1		*9.56*		**11.5**	
On Base	MW171S	01 Apr 2019	Interlab_D	NSW_0908_PFASMGMT	-	0.063		*8.6*		**10.3**	
On Base	MW171S	20 Jun 2019	Normal	NSW_0908_PFAS	-	0.06		*1.83*		**2.57**	
On Base	MW171S	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.07		*1.03*		**1.99**	
On Base	MW171S	25 Oct 2019	Normal	NSW_0908_PFASMGMT	-	0.02		*1.02*		**1.33**	
On Base	MW171S	29 Nov 2019	Normal	NSW_0908_PFASMGMT	-	0.03		*0.65*		**0.86**	
On Base	MW171S	29 Nov 2019	Field_D	NSW_0908_PFASMGMT	-	0.03		*0.69*		**0.9**	
On Base	MW171S	29 Nov 2019	Interlab_D	NSW_0908_PFASMGMT	-	0.02		<0.02		**0.19**	
On Base	MW171S	13 Mar 2020	Normal	NSW_0908_PFASMGMT	-	0.04		*0.56*		**1.18**	
On Base	MW171S	15 May 2020	Normal	NSW_0908_PFASOMP	-	0.06		*1.74*		**2.46**	
On Base	MW171S	23 Jun 2020	Normal	NSW_0908_PFASMGMT	-	0.06		*0.32*		**0.75**	
On Base	MW171S	23 Jun 2020	Field_D	NSW_0908_PFASMGMT	-	0.06		*0.32*		**0.72**	
On Base	MW171S	30 Sep 2020	Normal	NSW_0908_PFASMGMT	-	0.03		*0.31*		**0.77**	
On Base	MW171S	30 Sep 2020	Field_D	NSW_0908_PFASMGMT	-	0.04		*0.46*		**1.12**	
On Base	MW171S	30 Sep 2020	Interlab_D	NSW_0908_PFASMGMT	-	0.031		*0.23*		**0.66**	
On Base	MW171S	13 Jan 2021	Normal	NSW_0908_PFASMGMT	-	0.03		*0.72*		**0.97**	
On Base	MW171S	26 Mar 2021	Normal	NSW_0908_PFASMGMT	-	0.03		*0.31*		**0.49**	
On Base	MW171S	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.06		*0.66*		**1.05**	
On Base	MW171S	24 Jun 2021	Normal	NSW_0908_PFASMGMT	-	0.06		*0.48*		**0.76**	
On Base	MW171S	24 Sep 2021	Normal	NSW_0908_PFASMGMT	-	0.11		*0.73*		**0.98**	
On Base	MW171S	24 Sep 2021	Interlab_D	NSW_0908_PFASMGMT	-	0.12		*0.82*		**1.1**	
On Base	MW171S	12 Jan 2022	Normal	NSW_0908_PFASMGMT	-	0.15		*0.65*		**1.08**	
On Base	MW171S	12 Jan 2022	Field_D	NSW_0908_PFASMGMT	-	0.16		*0.65*		**1.1**	
On Base	MW171S	12 Jan 2022	Interlab_D	NSW_0908_PFASMGMT	-	0.13		*0.48*		**0.92**	
On Base	MW171S	14 Mar 2022	Normal	NSW_0908_PFASMGMT	-	0.14		*0.76*		**1.23**	
On Base	MW171S	14 Mar 2022	Field_D	NSW_0908_PFASMGMT	-	0.12		*0.69*		**1.14**	
On Base	MW171S	14 Mar 2022	Interlab_D	NSW_0908_PFASMGMT	-	0.13		*0.66*		**1.2**	
On Base	MW171S	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.09	-	*0.87*	-	**1.45**	-
On Base	MW171S	21 Jun 2022	Normal	NSW_0908_PFASMGMT	-	0.08		*1.49*		**2.14**	
On Base	MW171S	21 Jun 2022	Interlab_D	NSW_0908_PFASMGMT	-	0.08		*1.9*		**2.4**	
On Base	MW171S	12 Sep 2022	Normal	NSW_0908_PFASMGMT	-	0.06		*1.16*		**1.96**	
On Base	MW171S	12 Sep 2022	Field_D	NSW_0908_PFASMGMT	-	0.05		*1.21*		**2.05**	
On Base	MW171S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.07	-	*0.63*	-	**1.42**	-
On Base	MW172	14 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW172	14 Jan 2016	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW172	02 Sep 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.1*		**0.13**	
On Base	MW172	12 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.05*		0.07	
On Base	MW172	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.03*		0.06	
On Base	MW172	16 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.03*		0.06	
On Base	MW172	25 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.02	
On Base	MW172	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.31*		**0.43**	
On Base	MW172	09 Aug 2018	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		<0.01	
On Base	MW172	05 Sep 2018	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		<0.01	
On Base	MW172	03 Oct 2018	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		0.02	
On Base	MW172	29 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		0.03	
On Base	MW172	29 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		0.04	
On Base	MW172	23 Jan 2019	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		0.06	
On Base	MW172	02 Apr 2019	Normal	NSW_0908_PFASMGMT	-	<0.01		*0.04*		**0.22**	
On Base	MW172	30 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.09**	
On Base	MW172	30 May 2019	Normal	NSW_0908_PFAS	-	-		-		**0.1**	
On Base	MW172	20 Jun 2019	Normal	NSW_0908_PFASMGMT	-	<0.01		*0.02*		**0.08**	
On Base	MW172	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		**0.09**	
On Base	MW172	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.09**	
On Base	MW172	29 Nov 2019	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		**0.08**	
On Base	MW172	29 Nov 2019	Field_D	NSW_0908_PFASMGMT	-	<0.01		<0.01		**0.08**	
On Base	MW172	29 Nov 2019	Interlab_D	NSW_0908_PFASMGMT	-	<0.01		<0.02		**0.073**	
On Base	MW172	13 Mar 2020	Normal	NSW_0908_PFASMGMT	-	<0.01		*0.03*		**0.19**	
On Base	MW172	15 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.09**	
On Base	MW172	22 Jun 2020	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		0.06	
On Base	MW172	30 Sep 2020	Normal	NSW_0908_PFASMGMT	-	<0.01		*0.01*		**0.82**	
On Base	MW172	30 Sep 2020	Field_D	NSW_0908_PFASMGMT	-	0.01		*0.02*		**1.27**	
On Base	MW172	30 Sep 2020	Interlab_D	NSW_0908_PFASMGMT	-	<0.01		<0.02		**0.8**	
On Base	MW172	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.25**	
On Base	MW172	14 Jan 2021	Normal	NSW_0908_PFASMGMT	-	<0.01		<0.01		**0.42**	
On Base	MW172	26 Mar 2021	Normal	NSW_0908_PFASMGMT	-	0.12		*0.07*		**1.15**	
On Base	MW172	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.1		*0.05*		**2.03**	
On Base	MW172	24 Jun 2021	Normal	NSW_0908_PFASMGMT	-	0.02		*0.02*		**0.42**	
On Base	MW172	24 Sep 2021	Normal	NSW_0908_PFASMGMT	-	0.01		*0.01*		**0.16**	
On Base	MW172	24 Sep 2021	Field_D	NSW_0908_PFASMGMT	-	<0.01		<0.01		**0.12**	
On Base	MW172	24 Sep 2021	Interlab_D	NSW_0908_PFASMGMT	-	<0.01		<0.01		**0.1**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW172	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.05*	-	**0.26**	-
On Base	MW172	12 Jan 2022	Normal	NSW_0908_PFASMGMT	-	0.02		*0.02*		**0.43**	
On Base	MW172	16 Mar 2022	Normal	NSW_0908_PFASMGMT	-	0.08		*0.05*		**1.09**	
On Base	MW172	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.05	-	*0.05*	-	**1.33**	-
On Base	MW172	22 Jun 2022	Normal	NSW_0908_PFASMGMT	-	0.14		*0.15*		**2.03**	
On Base	MW172	13 Sep 2022	Normal	NSW_0908_PFASMGMT	-	0.03		*0.05*		**1.11**	
On Base	MW172	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.02*	-	**0.5**	-
On Base	MW172	10 Nov 2022	Field_D	NSW_0908_PFASOMP	-	0.01	-	*0.04*	-	**0.58**	-
On Base	MW172	10 Nov 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	-	**0.44**	-
On Base	MW172	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.03	-	*0.07*	-	**0.99**	-
On Base	MW172	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.03	-	*0.04*	-	**0.49**	-
On Base	MW175D	15 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		0.04	
On Base	MW175D	29 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.33*		**0.42**	
On Base	MW175D	19 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.67*		**0.76**	
On Base	MW175D	19 Dec 2016	Normal	NSW_0908_PFAS	-	0.02		*3.01*		**3.2**	
On Base	MW175D	20 Dec 2016	Normal	NSW_0908_PFAS	-	0.02		*3.01*		**3.2**	
On Base	MW175D	12 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*2.6*		**2.81**	
On Base	MW175D	24 Jan 2017	Normal	NSW_0908_PFAS	-	0.09		*3.49*		**4.25**	
On Base	MW175D	24 Jan 2017	Field_D	NSW_0908_PFAS	-	0.08		*3.8*		**4.51**	
On Base	MW175D	02 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.03		*1.4*		**1.73**	
On Base	MW175D	20 Apr 2018	Normal	NSW_0908_PFAS	-	0.05		*2.5*		**2.93**	
On Base	MW175D	14 Sep 2018	Normal	NSW_0908_PFASMGMT	-	0.2		*8.67*		**10.4**	
On Base	MW175D	29 Nov 2018	Normal	NSW_0908_PFAS	-	0.08		*4.43*		**5.2**	
On Base	MW175D	31 May 2019	Normal	NSW_0908_PFAS	-	0.08		*8.3*		**8.9**	
On Base	MW175D	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.06		*2*		**2.65**	
On Base	MW175D	11 May 2020	Normal	NSW_0908_PFASOMP	-	0.1		*4.07*		**4.9**	
On Base	MW175D	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.06		*3.99*		**4.63**	
On Base	MW175D	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.04		*1.24*		**1.7**	
On Base	MW175D	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.03	-	*2.1*	-	**2.5**	-
On Base	MW175D	16 Nov 2021	Field_D	NSW_0908_PFASOMP	-	0.04	-	*2.4*	-	**2.84**	-
On Base	MW175D	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.05	-	*3.45*	-	**4.21**	-
On Base	MW175D	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.07	-	*4.43*	-	**5.56**	-
On Base	MW175D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.07	-	*4.61*	-	**5.66**	-
On Base	MW175D	10 May 2023	Field_D	NSW_0908_PFASOMP_23	-	0.08	-	*4.13*	-	**5.26**	-
On Base	MW175D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.1	-	*3.36*	-	**4.39**	-
On Base	MW179D	20 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW179D	30 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.35**	
On Base	MW179D	18 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.34**	
On Base	MW179D	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		<0.01		**0.4**	
On Base	MW179D	16 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.4**	
On Base	MW179D	19 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.55**	
On Base	MW179D	19 Jan 2017	Field_D	NSW_0908_PFAS	-	0.01		*0.34*		**0.56**	
On Base	MW179D	04 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		<0.01		**0.45**	
On Base	MW179D	22 Nov 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.56**	
On Base	MW179D	22 Nov 2017	Normal	NSW_0908_PFAS	-	-		-		**0.57**	
On Base	MW179D	19 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.68**	
On Base	MW179D	19 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**0.69**	
On Base	MW179D	22 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.01*		**0.37**	
On Base	MW179D	30 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.42**	
On Base	MW179D	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.43**	
On Base	MW179D	13 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		**0.36**	
On Base	MW179D	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.01		<0.01		**0.28**	
On Base	MW179D	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.02		<0.01		**0.41**	
On Base	MW179D	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.02	-	<0.01	-	**0.46**	-
On Base	MW179D	19 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.01*	-	0.01	-
On Base	MW179D	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.04	New Maximum	*0.28*	-	**1.14**	New Maximum
On Base	MW179D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.06	New Maximum	*1.17*	New Maximum	**2.5**	New Maximum
On Base	MW179D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.06	-	*3.69*	New Maximum	**5**	New Maximum
On Base	MW179S	20 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		*0.11*		**0.11**	
On Base	MW179S	20 Jan 2016	Field_D	NSW_0908_PFAS	-	0.04		*0.13*		**0.13**	
On Base	MW179S	30 Aug 2016	Normal	NSW_0908_PFAS	-	0.02		*0.2*		**0.44**	
On Base	MW179S	15 Sep 2016	Normal	NSW_0908_PFAS	-	0.025		*0.25*		**0.48**	
On Base	MW179S	18 Oct 2016	Normal	NSW_0908_PFAS	-	0.04		*0.09*		**0.71**	
On Base	MW179S	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.01		*0.09*		**0.3**	
On Base	MW179S	16 Jan 2017	Normal	NSW_0908_PFAS	-	0.01		*0.09*		**0.3**	
On Base	MW179S	19 Jan 2017	Normal	NSW_0908_PFAS	-	0.01		*0.08*		**0.34**	
On Base	MW179S	04 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.06		*0.17*		**1.37**	
On Base	MW179S	19 Apr 2018	Normal	NSW_0908_PFAS	-	0.06		*0.46*		**2.13**	
On Base	MW179S	22 Nov 2018	Normal	NSW_0908_PFAS	-	0.05		*0.46*		**1.29**	
On Base	MW179S	30 May 2019	Normal	NSW_0908_PFAS	-	0.02		*0.59*		**1.33**	
On Base	MW179S	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.04		*0.55*		**2.06**	
On Base	MW179S	13 May 2020	Normal	NSW_0908_PFASOMP	-	0.05		*0.14*		**2.12**	
On Base	MW179S	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.04		*0.52*		**2.2**	
On Base	MW179S	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.34		*0.26*		**5.1**	
On Base	MW179S	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.29	-	*0.14*	-	**1.33**	-
On Base	MW179S	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.44	New Maximum	*0.22*	-	**1.89**	-
On Base	MW179S	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.12	-	*0.19*	-	**0.8**	-
On Base	MW179S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.37	-	*0.24*	-	**1.76**	-
On Base	MW179S	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.07	-	*0.17*	-	**0.54**	-
On Base	MW196	13 Jan 2016	Normal	NSW_0908_PFAS	-	**0.68**		*35.6*		**47.5**	
On Base	MW196	05 Sep 2016	Normal	NSW_0908_PFAS	-	0.17		*18*		**19.8**	
On Base	MW196	15 Sep 2016	Normal	NSW_0908_PFAS	-	0.19		*15*		**16.3**	
On Base	MW196	18 Jan 2017	Normal	NSW_0908_PFAS	-	0.42		*22.3*		**24.97**	
On Base	MW196	18 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**25**	
On Base	MW196	20 Apr 2018	Normal	NSW_0908_PFAS	-	0.24		*19*		**21.4**	
On Base	MW196	20 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**21.35**	
On Base	MW196	30 Nov 2018	Normal	NSW_0908_PFAS	-	0.05		*6.94*		**7.97**	
On Base	MW196	29 May 2019	Normal	NSW_0908_PFAS	-	0.22		*13.7*		**16.2**	
On Base	MW196	29 May 2019	Normal	NSW_0908_PFAS	-	-		-		**16.24**	
On Base	MW196	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.32		*13.6*		**16.6**	
On Base	MW196	22 May 2020	Normal	NSW_0908_PFASOMP	-	0.35		*17.2*		**20.5**	
On Base	MW196	26 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.13		*9.81*		**11.5**	
On Base	MW196	26 Nov 2020	Field_D	NSW_0908_PFASOMP	-	0.07		*2.46*		**3.89**	
On Base	MW196	26 Nov 2020	Interlab_D	NSW_0908_PFASOMP	-	0.049		*1.7*		**3.1**	
On Base	MW196	19 May 2021	Normal	NSW_0908_PFASOMP	-	0.19		*19.8*		**21.6**	
On Base	MW196	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.21	-	*23.1*	-	**24.6**	-
On Base	MW196	30 May 2022	Normal	NSW_0908_PFASOMP	-	0.06	-	*7.36*	-	**7.76**	-
On Base	MW196	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.06	-	*3.83*	-	**4.08**	-
On Base	MW196	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.1	-	*13.9*	-	**14.5**	-
On Base	MW196	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.1	-	*9*	-	**9.52**	-
On Base	MW198	13 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		*0.71*		**0.71**	
On Base	MW198	05 Sep 2016	Normal	NSW_0908_PFAS	-	0.02		*1.9*		**2.86**	
On Base	MW198	20 Oct 2016	Normal	NSW_0908_PFAS	-	0.03		*1.7*		**2.52**	
On Base	MW198	16 Jan 2017	Normal	NSW_0908_PFAS	-	0.21		*4.36*		**6.99**	
On Base	MW198	16 Jan 2017	Field_D	NSW_0908_PFAS	-	0.21		*4.31*		**6.95**	
On Base	MW198	18 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.12		*3.3*		**5.2**	
On Base	MW198	05 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.09		*2.8*		**5.9**	
On Base	MW198	20 Apr 2018	Normal	NSW_0908_PFAS	-	**0.59**		*18.3*		**24.4**	
On Base	MW198	20 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**24.45**	
On Base	MW198	30 Nov 2018	Normal	NSW_0908_PFAS	-	0.12		*18.2*		**21.8**	
On Base	MW198	30 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		**21.76**	
On Base	MW198	29 May 2019	Normal	NSW_0908_PFAS	-	0.32		*13.6*		**16.5**	
On Base	MW198	29 May 2019	Normal	NSW_0908_PFAS	-	-		-		**16.51**	
On Base	MW198	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.23		*6.29*		**9.68**	
On Base	MW198	22 May 2020	Normal	NSW_0908_PFASOMP	-	0.1		*6.2*		**8.06**	
On Base	MW198	26 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.06		*2.16*		**3.58**	
On Base	MW198	19 May 2021	Normal	NSW_0908_PFASOMP	-	0.11		*3.26*		**5.93**	
On Base	MW198	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.16	-	*6.07*	-	**11.6**	-
On Base	MW198	30 May 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*3.42*	-	**6.88**	-

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW198	30 May 2022	Field_D	NSW_0908_PFASOMP	-	0.14	-	*4.44*	-	**9.04**	**-**
On Base	MW198	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*4.39*	-	**7.03**	**-**
On Base	MW198	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.04	-	*3.3*	-	**5.14**	**-**
On Base	MW198	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.14	-	*7.35*	-	**7.95**	**-**
On Base	MW200	14 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.14*		**0.14**	
On Base	MW200	05 Sep 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.27*		**0.42**	
On Base	MW200	21 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.19*		**0.26**	
On Base	MW200	18 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.27*		**0.36**	
On Base	MW200	18 Jan 2017	Normal	NSW_0908_PFAS	-	0.01		*0.33*		**0.57**	
On Base	MW200	18 Jan 2017	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		**0.45**	
On Base	MW200	05 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.01		*0.39*		**0.59**	
On Base	MW200	29 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.26*		**0.3**	
On Base	MW200	22 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.27*		**0.31**	
On Base	MW200	19 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.2*		**0.2**	
On Base	MW200	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.4*	New Maximum	**0.46**	**-**
On Base	MW200	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.23*	-	**0.27**	**-**
On Base	MW201D	21 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW201D	05 Sep 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.16**	
On Base	MW201D	21 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.09**	
On Base	MW201D	18 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.06*		**0.14**	
On Base	MW201D	18 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.1**	
On Base	MW201D	05 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.02*		**0.08**	
On Base	MW201D	29 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.11*		**0.56**	
On Base	MW201D	22 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.08*		**0.46**	
On Base	MW201D	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW201D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.01*	New Minimum	0.01	-
On Base	MW201S	21 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		*4.12*		**4.12**	
On Base	MW201S	05 Sep 2016	Normal	NSW_0908_PFAS	-	0.02		*3*		**3.21**	
On Base	MW201S	15 Sep 2016	Normal	NSW_0908_PFAS	-	0.058		*5.5*		**5.99**	
On Base	MW201S	21 Oct 2016	Normal	NSW_0908_PFAS	-	0.07		*4.3*		**5.8**	
On Base	MW201S	18 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.1		*8.7*		**10.2**	
On Base	MW201S	18 Jan 2017	Normal	NSW_0908_PFAS	-	0.16		*14.8*		**17.38**	
On Base	MW201S	18 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**17.4**	
On Base	MW201S	05 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.1		*6.6*		**7.6**	
On Base	MW201S	29 May 2019	Normal	NSW_0908_PFAS	-	0.12		*4*		**5.96**	
On Base	MW201S	22 May 2020	Normal	NSW_0908_PFASOMP	-	0.35		*17.4*		**24.9**	
On Base	MW201S	19 May 2021	Normal	NSW_0908_PFASOMP	-	0.03		*1.49*		**1.95**	
On Base	MW201S	30 May 2022	Normal	NSW_0908_PFASOMP	-	0.02	-	*1.76*	-	**2.58**	**-**
On Base	MW201S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.03	-	*1.08*	New Minimum	**1.56**	New Minimum
On Base	MW202D	20 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW202D	31 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		0.04	
On Base	MW202D	18 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.01*		0.04	
On Base	MW202D	18 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.03*		0.06	
On Base	MW202D	18 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.02	
On Base	MW202D	05 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.04*		**0.12**	
On Base	MW202D	04 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.14**	
On Base	MW202D	04 Apr 2018	Field_D	NSW_0908_PFAS	-	<0.01		*0.08*		**0.13**	
On Base	MW202D	04 Apr 2018	Interlab_D	NSW_0908_PFAS	-	<0.01		*0.06*		**0.104**	
On Base	MW202D	22 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		0.02	
On Base	MW202D	22 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		0.04	
On Base	MW202D	30 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		0.02	
On Base	MW202D	30 May 2019	Normal	NSW_0908_PFAS	-	-		-		0.04	
On Base	MW202D	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.02		*0.05*		**0.85**	
On Base	MW202D	29 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.07*		**0.18**	
On Base	MW202D	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.01		*0.18*		**0.66**	
On Base	MW202D	17 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.04*		0.04	
On Base	MW202D	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.04*	-	0.07	-
On Base	MW202D	19 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.12*	-	**0.22**	**-**
On Base	MW202D	19 May 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	*0.11*	-	**0.16**	**-**
On Base	MW202D	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.14*	-	**0.23**	**-**
On Base	MW202D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	-	*0.52*	New Maximum	**0.93**	New Maximum
On Base	MW202D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.13*	-	**0.2**	**-**
On Base	MW202S	20 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.28*		**0.28**	
On Base	MW202S	31 Aug 2016	Normal	NSW_0908_PFAS	-	0.02		*1*		**1.43**	
On Base	MW202S	15 Sep 2016	Normal	NSW_0908_PFAS	-	0.03		*0.82*		**1.19**	
On Base	MW202S	18 Oct 2016	Normal	NSW_0908_PFAS	-	0.03		*1.9*		**2.45**	
On Base	MW202S	18 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.03		*1.3*		**1.67**	
On Base	MW202S	18 Jan 2017	Normal	NSW_0908_PFAS	-	0.02		*0.45*		**0.68**	
On Base	MW202S	18 Jan 2017	Field_D	ACTNSW_Hist_202012-3	-	0.03		*0.76*		**0.96**	
On Base	MW202S	15 Feb 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*0.53*		**0.66**	
On Base	MW202S	15 Feb 2017	Normal	NSW_0908_PFAS	-	0.02		*0.53*		**0.66**	
On Base	MW202S	15 Feb 2017	Field_D	ACTNSW_Hist_202012-3	-	0.02		*0.6*		**0.69**	
On Base	MW202S	05 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*0.69*		**1.04**	
On Base	MW202S	04 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.15*		**0.2**	
On Base	MW202S	22 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.8*		**0.96**	
On Base	MW202S	30 May 2019	Normal	NSW_0908_PFAS	-	0.01		*1.38*		**1.46**	
On Base	MW202S	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.01		*0.81*		**0.95**	
On Base	MW202S	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.61*		**0.91**	
On Base	MW202S	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.02	-	*0.34*	-	**0.45**	**-**
On Base	MW202S	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.01	-	*0.65*	-	**1.06**	**-**
On Base	MW202S	19 May 2022	Field_D	NSW_0908_PFASOMP	-	0.01	-	*0.71*	-	**1.12**	**-**
On Base	MW202S	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.02	-	*0.44*	-	**0.78**	**-**
On Base	MW202S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.2*	-	**0.3**	**-**
On Base	MW202S	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	-	*0.25*	-	**0.59**	**-**
On Base	MW208	27 Jan 2016	Normal	NSW_0908_PFAS	-	0.1		*13.2*		**13.2**	
On Base	MW208	27 Jan 2016	Interlab_D	NSW_0908_PFAS	-	0.082		*12*		**12**	
On Base	MW208	26 Aug 2016	Normal	NSW_0908_PFAS	-	0.23		*13*		**15.8**	
On Base	MW208	18 Oct 2016	Normal	NSW_0908_PFAS	-	0.2		*12*		**23**	
On Base	MW208	18 Oct 2016	Field_D	NSW_0908_PFAS	-	0.17		*10*		**19.4**	
On Base	MW208	17 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.35		*13*		**17.1**	
On Base	MW208	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.35		*13*		**17.1**	
On Base	MW208	19 Jan 2017	Normal	NSW_0908_PFAS	-	0.32		*8.8*		**16.5**	
On Base	MW208	19 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**16.52**	
On Base	MW208	09 May 2017	Normal	ACTNSW_Hist_202012-3	-	**0.92**		*17*		**22.7**	
On Base	MW208	28 May 2019	Normal	NSW_0908_PFAS	-	0.12		*8.37*		**10.3**	
On Base	MW208	28 May 2019	Normal	NSW_0908_PFAS	-	-		-		**10.31**	
On Base	MW208	17 Oct 2019	Normal	NSW_0908_PFASMGMT	-	0.1		*6.98*		**8.11**	
On Base	MW208	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.09		*6.86*		**8.16**	
On Base	MW208	12 May 2020	Normal	NSW_0908_PFASOMP	-	0.1		*7.06*		**8.23**	
On Base	MW208	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.54		*21.7*		**27.4**	
On Base	MW208	14 May 2021	Normal	NSW_0908_PFASOMP	-	0.18		*9.62*		**12.4**	
On Base	MW208	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.27	-	*11.7*	-	**15.8**	**-**
On Base	MW208	24 May 2022	Normal	NSW_0908_PFASOMP	-	0.36	-	*24.1*	New Maximum	**29.2**	New Maximum
On Base	MW208	08 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.39	-	*8.3*	-	**13.6**	**-**
On Base	MW208	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.26	-	*11*	-	**13.9**	**-**
On Base	MW208	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.18	-	*9.08*	-	**11.1**	**-**
On Base	MW209D	12 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		*2.5*		**2.5**	
On Base	MW209D	25 Aug 2016	Normal	NSW_0908_PFAS	-	0.02		*0.44*		**0.7**	
On Base	MW209D	19 Oct 2016	Normal	NSW_0908_PFAS	-	0.02		*0.55*		**0.88**	
On Base	MW209D	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.01		*0.23*		**0.42**	
On Base	MW209D	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.02		*0.66*		**0.92**	
On Base	MW209D	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.01		*0.72*		**0.87**	
On Base	MW209D	03 Apr 2018	Normal	NSW_0908_PFAS	-	0.01		*2.51*		**2.83**	
On Base	MW209D	28 Jun 2018	Normal	NSW_0908_Stage2	-	0.03		*2.15*		**2.79**	
On Base	MW209D	21 Nov 2018	Normal	NSW_0908_PFAS	-	0.03		*2.66*		**3.45**	
On Base	MW209D	28 May 2019	Normal	NSW_0908_PFAS	-	0.02		*4.73*		**5.3**	
On Base	MW209D	01 Nov 2019	Field_D	NSW_0908_PFASOMP	-	0.02		*2.02*		**2.24**	
On Base	MW209D	04 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.02		*2.99*		**3.26**	
On Base	MW209D	04 Nov 2019	Interlab_D	NSW_0908_PFASOMP	-	<0.01		*0.78*		**0.872**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW209D	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*3.62*		**3.79**	
On Base	MW209D	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.22*		**0.28**	
On Base	MW209D	14 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.02*		0.02	
On Base	MW209D	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.12*	-	**0.13**	**-**
On Base	MW209D	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	-	0.02	-
On Base	MW209S	12 Jan 2016	Normal	NSW_0908_PFAS	-	0.01		*1.89*		**1.89**	
On Base	MW209S	25 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*1.2*		**1.26**	
On Base	MW209S	19 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*1.3*		**1.36**	
On Base	MW209S	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*1.2*		**1.27**	
On Base	MW209S	17 Jan 2017	Normal	NSW_0908_PFAS	-	0.02		*1.48*		**1.69**	
On Base	MW209S	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*1.1*		**1.31**	
On Base	MW209S	03 Apr 2018	Normal	NSW_0908_PFAS	-	0.01		*2.67*		**2.9**	
On Base	MW209S	28 Jun 2018	Normal	NSW_0908_Stage2	-	<0.01		*2.67*		**2.82**	
On Base	MW209S	21 Nov 2018	Normal	NSW_0908_PFAS	-	0.01		*1.14*		**1.39**	
On Base	MW209S	28 May 2019	Normal	NSW_0908_PFAS	-	0.02		*2.38*		**2.7**	
On Base	MW209S	28 May 2019	Field_D	NSW_0908_PFAS	-	0.02		*2.76*		**3.07**	
On Base	MW209S	28 May 2019	Interlab_D	NSW_0908_PFAS	-	0.018		*1.4*		**1.74**	
On Base	MW209S	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.01		*2.95*		**3.16**	
On Base	MW209S	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*2.43*		**2.47**	
On Base	MW209S	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*1.9*		**2.08**	
On Base	MW209S	14 May 2021	Normal	NSW_0908_PFASOMP	-	0.06		*2.76*		**4.77**	
On Base	MW209S	14 May 2021	Field_D	NSW_0908_PFASOMP	-	0.06		*2.72*		**4.71**	
On Base	MW209S	14 May 2021	Interlab_D	NSW_0908_PFASOMP	-	0.045		*2.2*		**3.8**	
On Base	MW209S	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.01	-	*2.2*	-	**2.34**	**-**
On Base	MW209S	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.58*	New Minimum	**0.63**	New Minimum
On Base	MW210D	18 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		<0.01		**0.5**	
On Base	MW210D	26 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.4**	
On Base	MW210D	17 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.48**	
On Base	MW210D	13 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.35**	
On Base	MW210D	13 Jan 2017	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		**0.31**	
On Base	MW210D	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		<0.01		**0.27**	
On Base	MW210D	16 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.27**	
On Base	MW210D	08 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.02*		**0.43**	
On Base	MW210D	28 May 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.09*		**0.43**	
On Base	MW210D	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.03	
On Base	MW210D	14 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.05	
On Base	MW210D	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW210D	24 May 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW210D	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.01	New Minimum
On Base	MW210S	18 Jan 2016	Normal	NSW_0908_PFAS	-	0.19		*10.5*		**12.82**	
On Base	MW210S	26 Aug 2016	Normal	NSW_0908_PFAS	-	0.1		*15*		**16.4**	
On Base	MW210S	17 Oct 2016	Normal	NSW_0908_PFAS	-	0.08		*19*		**20.6**	
On Base	MW210S	13 Jan 2017	Normal	NSW_0908_PFAS	-	0.15		*15.6*		**16.8**	
On Base	MW210S	13 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**16.84**	
On Base	MW210S	13 Jan 2017	Field_D	NSW_0908_PFAS	-	0.15		*15.2*		**16.6**	
On Base	MW210S	13 Jan 2017	Field_D	NSW_0908_PFAS	-	-		-		**16.63**	
On Base	MW210S	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.09		*8.6*		**10.2**	
On Base	MW210S	16 Jan 2017	Normal	NSW_0908_PFAS	-	0.09		*8.6*		**10.2**	
On Base	MW210S	08 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.15		*15*		**16.8**	
On Base	MW210S	28 May 2019	Normal	NSW_0908_PFAS	-	0.08		*17.9*		**18.6**	
On Base	MW210S	12 May 2020	Normal	NSW_0908_PFASOMP	-	0.1		*11.4*		**12.5**	
On Base	MW210S	12 May 2020	Field_D	NSW_0908_PFASOMP	-	0.09		*11.6*		**12.8**	
On Base	MW210S	12 May 2020	Interlab_D	NSW_0908_PFASOMP	-	0.076		*11*		**12.1**	
On Base	MW210S	14 May 2021	Normal	NSW_0908_PFASOMP	-	0.03		*1.1*		**1.32**	
On Base	MW210S	24 May 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*1.03*	New Minimum	**2.81**	**-**
On Base	MW210S	24 May 2022	Field_D	NSW_0908_PFASOMP	-	0.11	-	*1.15*	-	**3.13**	**-**
On Base	MW210S	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.08	-	*8.59*	-	**9.48**	**-**
On Base	MW212	21 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.42*		**0.42**	
On Base	MW212	26 Aug 2016	Normal	NSW_0908_PFAS	-	0.02		*1.5*		**1.7**	
On Base	MW212	18 Oct 2016	Normal	NSW_0908_PFAS	-	0.02		*1.7*		**1.91**	
On Base	MW212	13 Jan 2017	Normal	NSW_0908_PFAS	-	0.03		*3.75*		**3.91**	
On Base	MW212	16 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.03		*3.4*		**3.73**	
On Base	MW212	16 Jan 2017	Normal	NSW_0908_PFAS	-	0.03		*3.4*		**3.73**	
On Base	MW212	08 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.02		*2.9*		**3.06**	
On Base	MW212	03 Apr 2018	Normal	NSW_0908_PFAS	-	0.02		*1.6*		**1.79**	
On Base	MW212	26 Nov 2018	Normal	NSW_0908_PFAS	-	0.02		*0.65*		**0.95**	
On Base	MW212	26 Nov 2018	Field_D	NSW_0908_PFAS	-	0.02		*0.58*		**0.82**	
On Base	MW212	26 Nov 2018	Interlab_D	NSW_0908_PFAS	-	0.013		*0.59*		**0.77**	
On Base	MW212	28 May 2019	Normal	NSW_0908_PFAS	-	0.02		*4.46*		**4.68**	
On Base	MW212	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.01		*1.25*		**1.39**	
On Base	MW212	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.81*		**0.9**	
On Base	MW212	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.44*		**0.48**	
On Base	MW212	14 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.14*		**0.16**	
On Base	MW212	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.02	-	*0.13*	New Minimum	**0.31**	**-**
On Base	MW212	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.63*	-	**0.65**	**-**
On Base	MW212	11 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.24*	-	**0.25**	**-**
On Base	MW212	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.44*	-	**0.5**	**-**
On Base	MW212	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.17*	-	**0.2**	**-**
On Base	MW240D	20 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		**0.16**	
On Base	MW240D	19 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.18**	
On Base	MW240D	19 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**0.19**	
On Base	MW240D	19 Apr 2018	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		**0.18**	
On Base	MW240D	19 Apr 2018	Field_D	NSW_0908_PFAS	-	-		-		**0.19**	
On Base	MW240D	19 Apr 2018	Interlab_D	NSW_0908_PFAS	-	<0.01		<0.02		**0.12**	
On Base	MW240D	22 Nov 2018	Normal	NSW_0908_PFAS	-	0.02		<0.01		**0.28**	
On Base	MW240D	22 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		**0.29**	
On Base	MW240D	23 Jan 2019	Normal	NSW_0908_PFASMGMT	-	0.03		<0.01		**0.45**	
On Base	MW240D	31 May 2019	Normal	NSW_0908_PFAS	-	0.06		*0.02*		**0.53**	
On Base	MW240D	23 Oct 2019	Normal	NSW_0908_PFASMGMT	-	0.09		*0.09*		**0.64**	
On Base	MW240D	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.07		*0.02*		**0.51**	
On Base	MW240D	15 May 2020	Normal	NSW_0908_PFASOMP	-	0.07		*0.05*		**0.56**	
On Base	MW240D	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.04		*0.04*		**0.38**	
On Base	MW240D	26 May 2022	Normal	NSW_0908_PFASOMP	-	0.06	-	*0.04*	-	**0.44**	**-**
On Base	MW240D	26 May 2022	Interlab_D	NSW_0908_PFASOMP	-	0.05	-	*0.03*	-	**0.35**	**-**
On Base	MW240D	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.06	New Minimum
On Base	MW240D	10 Nov 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	**0.09**	**-**
On Base	MW240D	10 Nov 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.07	-
On Base	MW240D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	**0.08**	**-**
On Base	MW240D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	**0.08**	**-**
On Base	MW244D	09 Feb 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW244D	02 Dec 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW244D	13 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW244D	07 Dec 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW244D	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW244D	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW244D	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW244D	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW244D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW244D	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW244S	09 Feb 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		**0.12**	
On Base	MW244S	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.04	
On Base	MW244S	13 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.05	
On Base	MW244S	07 Dec 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW244S	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		0.04	
On Base	MW244S	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW244S	10 Nov 2021	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW244S	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.04	-
On Base	MW244S	30 May 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.04	-
On Base	MW244S	09 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.02	-

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW244S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.02	-
On Base	MW244S	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.01	-
On Base	MW245D	07 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW245D	07 Mar 2017	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW245D	29 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW245D	15 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW245D	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW245D	24 May 2021	Field_D	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW245D	24 May 2021	Interlab_D	NSW_0908_PFASOMP	-	<0.01		<0.02		<0.01	
On Base	MW245D	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.01	First-time Detection, New Maximum
On Base	MW245D	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.02	New Maximum
On Base	MW245S	07 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		0.02	
On Base	MW245S	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	New Minimum	0.03	New Maximum
On Base	MW245S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.03	-
On Base	MW281S	20 Mar 2017	Normal	NSW_0908_PFAS	-	**4.47**		*180*		**244**	
On Base	MW281S	19 Apr 2018	Normal	NSW_0908_PFAS	-	**8.75**		*206*		**283**	
On Base	MW281S	19 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**282.9**	
On Base	MW281S	22 Nov 2018	Normal	NSW_0908_PFAS	-	**8.01**		*191*		**232**	
On Base	MW281S	22 Nov 2018	Field_D	NSW_0908_PFAS	-	**7.32**		*186*		**224**	
On Base	MW281S	22 Nov 2018	Field_D	NSW_0908_PFAS	-	-		-		**223.5**	
On Base	MW281S	31 May 2019	Normal	NSW_0908_PFAS	-	**4.94**		*144*		**169**	
On Base	MW281S	31 May 2019	Normal	NSW_0908_PFAS	-	-		-		**169.4**	
On Base	MW281S	23 Oct 2019	Normal	NSW_0908_PFASMGMT	-	**4.44**		*112*		**131**	
On Base	MW281S	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	**4.64**		*112*		**131**	
On Base	MW281S	15 May 2020	Normal	NSW_0908_PFASOMP	-	**3.84**		*119*		**139**	
On Base	MW281S	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	**3.56**		*26.7*		**51**	
On Base	MW281S	25 May 2021	Normal	NSW_0908_PFASOMP	-	**2.19**		*63.3*		**89.5**	
On Base	MW281S	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	**3.1**	**-**	*234*	New Maximum	**255**	**-**
On Base	MW281S	26 May 2022	Normal	NSW_0908_PFASOMP	-	**2.16**	New Minimum	*68.6*	-	**88**	**-**
On Base	MW281S	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	**2.97**	**-**	*41.4*	-	**52.9**	**-**
On Base	MW281S	10 Nov 2022	Field_D	NSW_0908_PFASOMP	-	**3.79**	**-**	*50*	-	**62.9**	**-**
On Base	MW281S	10 Nov 2022	Interlab_D	NSW_0908_PFASOMP	-	**2.8**	**-**	*31*	-	**41**	New Minimum
On Base	MW281S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	**1.67**	New Minimum	*108*	-	**130**	**-**
On Base	MW281S	10 May 2023	Interlab_D	NSW_0908_PFASOMP_23	-	**1.6**		*73*	-	**93**	**-**
On Base	MW281S	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	**2.62**	**-**	*99.8*	-	**113**	**-**
On Base	MW282S	20 Mar 2017	Normal	NSW_0908_PFAS	-	**1.23**		*1.48*		**14.28**	
On Base	MW282S	20 Mar 2017	Normal	NSW_0908_PFAS	-	-		-		**14.3**	
On Base	MW282S	20 Jun 2019	Normal	NSW_0908_PFASMGMT	-	**2.15**		*9.94*		**33**	
On Base	MW282S	23 Oct 2019	Normal	NSW_0908_PFASMGMT	-	**3.41**		*54.7*		**70.7**	
On Base	MW282S	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	**1.95**		*1.09*		**20.8**	
On Base	MW282S	15 May 2020	Normal	NSW_0908_PFASOMP	-	**3.29**		*35.8*		**49.1**	
On Base	MW282S	15 May 2020	Field_D	NSW_0908_PFASOMP	-	**3.39**		*39.7*		**53.9**	
On Base	MW282S	16 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.03		*0.15*		**0.88**	
On Base	MW282S	16 Nov 2020	Field_D	NSW_0908_PFASOMP	-	0.05		*0.16*		**0.97**	
On Base	MW282S	16 Nov 2020	Interlab_D	NSW_0908_PFASOMP	-	0.039		*0.14*		**1**	
On Base	MW282S	25 May 2021	Normal	NSW_0908_PFASOMP	-	0.06		*0.95*		**1.88**	
On Base	MW282S	10 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.28	-	*1.48*	-	**11**	**-**
On Base	MW282S	26 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	New Minimum	*0.03*	New Minimum	**0.3**	New Minimum
On Base	MW282S	26 May 2022	Field_D	NSW_0908_PFASOMP	-	<0.01		*0.04*	-	**0.41**	
On Base	MW282S	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.03*	-	**0.11**	New Minimum
On Base	MW282S	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.07	-	*0.14*	-	**3.47**	**-**
On Base	MW282S	10 May 2023	Field_D	NSW_0908_PFASOMP_23	-	0.07	-	*0.12*	-	**3.39**	**-**
On Base	MW282S	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.15	-	*0.9*	-	**2.24**	**-**
On Base	MW317D	26 Jun 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW317D	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW317D	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
On Base	MW317D	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.02	First-time Detection, New Maximum
On Base	MW317S	26 Jun 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.02*		0.02	
On Base	MW317S	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.04*		**0.14**	
On Base	MW317S	18 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.07*	New Maximum	**0.09**	-
On Base	MW317S	18 Nov 2021	Field_D	NSW_0908_PFASOMP	-	<0.01	-	*0.08*		**0.1**	-
On Base	MW317S	30 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.03*	-	0.06	-
On Base	MW317S	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.04*	-	0.06	-
On Base	MW406	09 Feb 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW406	25 Aug 2016	Normal	NSW_0908_PFAS	-	0.01		*0.03*		0.07	
On Base	MW406	19 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		0.05	
On Base	MW406	19 Oct 2016	Field_D	NSW_0908_PFAS	-	<0.01		*0.01*		0.05	
On Base	MW406	11 Jan 2017	Interlab_D	NSW_0908_PFAS	-	<0.02		<0.01		0.034	
On Base	MW406	12 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.02	
On Base	MW406	03 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		0.02	
On Base	MW406	03 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		0.03	
On Base	MW406	29 Jun 2018	Normal	NSW_0908_Stage2	-	<0.01		<0.01		0.03	
On Base	MW406	21 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW406	28 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW406	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW406	19 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.03*		0.06	
On Base	MW406	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW406	24 May 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW406	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW406	24 May 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW406	24 May 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.03	-
On Base	MW406	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.03	-
On Base	MW406	08 May 2023	Field_D	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.02	-
On Base	MW406	08 May 2023	Interlab_D	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.04	-
On Base	MW433	18 Nov 2014	Normal	NSW_0908_PFAS	-	<0.01		*0.15*		**0.23**	
On Base	MW433	18 Nov 2014	Field_D	NSW_0908_PFAS	-	0.01		*0.13*		**0.16**	
On Base	MW433	24 Aug 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		0.04	
On Base	MW433	17 Oct 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.06*		**0.11**	
On Base	MW433	12 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		0.04	
On Base	MW433	13 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.04*		**0.08**	
On Base	MW433	03 May 2017	Normal	ACTNSW_Hist_202012-3	-	<0.01		*0.07*		**0.12**	
On Base	MW433	03 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.03*		0.07	
On Base	MW433	28 Jun 2018	Normal	NSW_0908_Stage2	-	<0.01		*0.02*		**0.11**	
On Base	MW433	21 Nov 2018	Normal	NSW_0908_PFAS	-	0.02		*0.05*		**0.16**	
On Base	MW433	27 May 2019	Normal	NSW_0908_PFAS	-	0.02		*0.1*		**0.28**	
On Base	MW433	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.01		*0.05*		**0.21**	
On Base	MW433	12 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.03*		**0.12**	
On Base	MW433	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.02*		0.04	
On Base	MW433	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.01		*0.16*		**0.26**	
On Base	MW433	08 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.05*	-	**0.1**	**-**
On Base	MW433	24 May 2022	Normal	NSW_0908_PFASOMP	-	0.02	-	*0.06*	-	**0.09**	**-**
On Base	MW433	08 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	-	0.03	New Minimum
On Base	MW433	09 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.02*	-	0.03	-
On Base	MW433	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	*0.01*	New Minimum	0.02	New Minimum
On Base	MW466	18 Jun 2014	Normal	ACTNSW_Hist_202012-3	-	**1.4**		*29.1*		-	
On Base	MW466	11 Aug 2014	Normal	NSW_0908_PFAS	-	**0.69**		<0.01		**13.03**	
On Base	MW466	11 Aug 2014	Normal	NSW_0908_PFAS	-	-		*13*		-	
On Base	MW466	29 Aug 2016	Normal	NSW_0908_PFAS	-	**0.77**		*26*		**33.3**	
On Base	MW466	29 Aug 2016	Field_D	ACTNSW_Hist_202012-3	-	**1.33**		*31.8*		**42.3**	
On Base	MW466	19 Oct 2016	Normal	NSW_0908_PFAS	-	**0.58**		*33*		**38.9**	
On Base	MW466	20 Dec 2016	Normal	NSW_0908_PFAS	-	0.5		*32*		**35.2**	
On Base	MW466	20 Dec 2016	Normal	NSW_0908_PFAS	-	-		-		**35.24**	
On Base	MW466	20 Dec 2016	Interlab_D	NSW_0908_PFAS	-	0.4		*31*		**33.3**	
On Base	MW466	12 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	**0.61**		*50*		**53.2**	
On Base	MW466	24 Jan 2017	Normal	NSW_0908_PFAS	-	**0.69**		*52.9*		**57.68**	
On Base	MW466	24 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**57.7**	
On Base	MW466	02 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.17		*9.5*		**12.5**	
On Base	MW466	10 Jul 2017	Normal	ACTNSW_Hist_202012-3	-	**0.58**		*28.1*		**35.8**	
On Base	MW466	20 Apr 2018	Normal	NSW_0908_PFAS	-	0.19		*24*		**26.2**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
On Base	MW466	20 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**26.23**	
On Base	MW466	22 Aug 2018	Normal	NSW_0908_PFASMGMT	-	0.33		*14.7*		**21.2**	
On Base	MW466	14 Sep 2018	Normal	NSW_0908_PFASMGMT	-	0.39		*15.1*		**23.2**	
On Base	MW466	29 Nov 2018	Normal	NSW_0908_PFAS	-	0.2		*14.8*		**17.2**	
On Base	MW466	29 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		**17.25**	
On Base	MW466	23 Apr 2019	Normal	NSW_0908_PFASMGMT	-	0.06		*11.8*		**12.6**	
On Base	MW466	22 May 2019	Normal	NSW_0908_PFASMGMT	-	0.04		*8.73*		**9.23**	
On Base	MW466	31 May 2019	Normal	NSW_0908_PFAS	-	0.05		*9.65*		**10.3**	
On Base	MW466	19 Jun 2019	Normal	NSW_0908_PFASMGMT	-	0.07		*6.82*		**7.75**	
On Base	MW466	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.14		*9.04*		**11**	
On Base	MW466	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.12		*10.3*		**12**	
On Base	MW466	03 Dec 2019	Normal	NSW_0908_PFAS	-	0.11		*6.98*		**8.01**	
On Base	MW466	16 Mar 2020	Normal	NSW_0908_PFASMGMT	-	<0.05		*1.67*		**1.87**	
On Base	MW466	11 May 2020	Normal	NSW_0908_PFASOMP	-	0.07		*3.35*		**6.76**	
On Base	MW466	22 Jun 2020	Normal	NSW_0908_PFASMGMT	-	0.12		*7.22*		**9.94**	
On Base	MW466	01 Oct 2020	Normal	NSW_0908_PFASMGMT	-	0.13		*5.25*		**9.63**	
On Base	MW466	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.07		*2*		**4.41**	
On Base	MW466	13 Jan 2021	Normal	NSW_0908_PFASMGMT	-	0.16		*6.13*		**9.05**	
On Base	MW466	29 Mar 2021	Normal	NSW_0908_PFASMGMT	-	0.14		*0.74*		**1.96**	
On Base	MW466	24 May 2021	Normal	NSW_0908_PFASOMP	-	0.41		*19*		**25.8**	
On Base	MW466	23 Jun 2021	Normal	NSW_0908_PFASMGMT	-	0.52		*9.03*		**12.4**	
On Base	MW466	22 Sep 2021	Normal	NSW_0908_PFASMGMT	-	0.04		*0.13*		**1.79**	
On Base	MW466	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.41	-	*16*	-	**19.7**	-
On Base	MW466	11 Jan 2022	Normal	NSW_0908_PFASMGMT	-	0.25		*16.1*		**18.2**	
On Base	MW466	28 Jan 2022	Normal	NSW_0908_PFASMGMT	-	0.25		*17.9*		**20.7**	
On Base	MW466	14 Mar 2022	Normal	NSW_0908_PFASMGMT	-	0.28		*8.33*		**10.6**	
On Base	MW466	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.17	-	*10*	-	**11.8**	-
On Base	MW466	20 Jun 2022	Normal	NSW_0908_PFASMGMT	-	0.17		*11.8*		**13.8**	
On Base	MW466	12 Sep 2022	Normal	NSW_0908_PFASMGMT	-	0.3		*18.8*		**22.1**	
On Base	MW466	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	**0.63**	**-**	*19.1*	**-**	**24.8**	**-**
On Base	MW466	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.16	-	*18.4*	-	**19.7**	-
On Base	MW466	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.3	-	*17.1*	-	**18.2**	-
On Base	MW468	17 Nov 2014	Normal	NSW_0908_PFAS	-	**0.71**		*47*		**53.6**	
On Base	MW468	02 Feb 2016	Normal	NSW_0908_PFAS	-	0.55		*22.8*		**22.8**	
On Base	MW468	30 Aug 2016	Normal	NSW_0908_PFAS	-	**0.79**		*37*		**46.8**	
On Base	MW468	19 Oct 2016	Normal	NSW_0908_PFAS	-	0.42		*28*		**33.6**	
On Base	MW468	12 Jan 2017	Normal	ACTNSW_Hist_202012-3	-	0.37		*45*		**48.8**	
On Base	MW468	24 Jan 2017	Normal	NSW_0908_PFAS	-	**0.65**		*54.4*		**61.49**	
On Base	MW468	24 Jan 2017	Normal	NSW_0908_PFAS	-	-		-		**61.5**	
On Base	MW468	02 May 2017	Normal	ACTNSW_Hist_202012-3	-	0.48		*29*		**35.2**	
On Base	MW468	20 Apr 2018	Normal	NSW_0908_PFAS	-	0.21		*27.8*		**30.2**	
On Base	MW468	20 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		**30.22**	
On Base	MW468	22 Aug 2018	Normal	NSW_0908_PFASMGMT	-	0.27		*14.9*		**19.6**	
On Base	MW468	14 Sep 2018	Normal	NSW_0908_PFASMGMT	-	0.23		*12.8*		**15.9**	
On Base	MW468	29 Nov 2018	Normal	NSW_0908_PFAS	-	0.26		*15.7*		**19.4**	
On Base	MW468	29 Nov 2018	Normal	NSW_0908_PFAS	-	-		-		**19.39**	
On Base	MW468	23 Apr 2019	Normal	NSW_0908_PFASMGMT	-	0.24		*12.5*		**16.2**	
On Base	MW468	22 May 2019	Normal	NSW_0908_PFASMGMT	-	0.13		*8.23*		**9.71**	
On Base	MW468	31 May 2019	Normal	NSW_0908_PFAS	-	0.11		*7.49*		**8.58**	
On Base	MW468	19 Jun 2019	Normal	NSW_0908_PFASMGMT	-	0.08		*5.99*		**6.82**	
On Base	MW468	24 Sep 2019	Normal	NSW_0908_PFASMGMT	-	0.22		*8.58*		**11.4**	
On Base	MW468	08 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.2		*13.2*		**16.7**	
On Base	MW468	03 Dec 2019	Normal	NSW_0908_PFAS	-	0.05		*3.43*		**3.99**	
On Base	MW468	16 Mar 2020	Normal	NSW_0908_PFASMGMT	-	<0.05		*1.73*		**1.92**	
On Base	MW468	11 May 2020	Normal	NSW_0908_PFASOMP	-	0.32		*11.5*		**18.1**	
On Base	MW468	23 Jun 2020	Normal	NSW_0908_PFASMGMT	-	0.12		*4.66*		**6.07**	
On Base	MW468	01 Oct 2020	Normal	NSW_0908_PFASMGMT	-	0.11		*5.89*		**7.27**	
On Base	MW468	17 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.2		*7.1*		**12.2**	
On Base	MW468	13 Jan 2021	Normal	NSW_0908_PFASMGMT	-	0.27		*12.3*		**17.2**	
On Base	MW468	29 Mar 2021	Normal	NSW_0908_PFASMGMT	-	0.06		*3*		**3.48**	
On Base	MW468	17 May 2021	Normal	NSW_0908_PFASOMP	-	0.32		*15.9*		**21.5**	
On Base	MW468	23 Jun 2021	Normal	NSW_0908_PFASMGMT	-	0.44		*10.8*		**16.5**	
On Base	MW468	22 Sep 2021	Normal	NSW_0908_PFASMGMT	-	0.38		*14.3*		**19.9**	
On Base	MW468	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.34	-	*14.9*	-	**20.6**	-
On Base	MW468	16 Nov 2021	Interlab_D	NSW_0908_PFASOMP	-	0.32	-	*14*	-	**19**	-
On Base	MW468	12 Jan 2022	Normal	NSW_0908_PFASMGMT	-	0.21		*9.9*		**12**	
On Base	MW468	14 Mar 2022	Normal	NSW_0908_PFASMGMT	-	0.26		*21.7*		**24.4**	
On Base	MW468	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.29	-	*16*	-	**19.4**	-
On Base	MW468	19 May 2022	Interlab_D	NSW_0908_PFASOMP	-	0.35	-	*17*	-	**21**	-
On Base	MW468	20 Jun 2022	Normal	NSW_0908_PFASMGMT	-	0.23		*15.4*		**18.6**	
On Base	MW468	12 Sep 2022	Normal	NSW_0908_PFASMGMT	-	0.31		*16.1*		**19.5**	
On Base	MW468	12 Sep 2022	Field_D	NSW_0908_PFASMGMT	-	0.31		*15.6*		**19.3**	
On Base	MW468	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.53	-	*27.1*	-	**33.7**	-
On Base	MW468	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.21	-	*14*	-	**15.4**	-
On Base	MW468	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.14	-	*10.1*	-	**11.4**	-
On Base	MW814	17 Feb 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW814	29 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
On Base	MW814	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW814	29 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
On Base	MW814	07 Dec 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Primary Management Zone	MW103D	13 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone B	0.01		<0.01		**0.57**	
Primary Management Zone	MW103D	13 Apr 2015	Field_D	NSW_0908_PFAS	Risk Zone B	0.01		<0.01		**0.63**	
Primary Management Zone	MW103D	07 Mar 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW103D	03 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*0.03*		**0.48**	
Primary Management Zone	MW103D	01 May 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.02		<0.01		**0.32**	
Primary Management Zone	MW103D	01 May 2018	Normal	NSW_0908_PFAS	Risk Zone B	-		-		**0.33**	
Primary Management Zone	MW103D	01 May 2018	Field_D	NSW_0908_PFAS	Risk Zone B	0.02		*0.01*		**0.35**	
Primary Management Zone	MW103D	01 May 2018	Field_D	NSW_0908_PFAS	Risk Zone B	0.02		<0.01		**0.33**	
Primary Management Zone	MW103D	01 May 2018	Field_D	NSW_0908_PFAS	Risk Zone B	-		-		**0.34**	
Primary Management Zone	MW103D	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.05		*0.03*		**0.5**	
Primary Management Zone	MW103D	31 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.01		*0.02*		**0.3**	
Primary Management Zone	MW103D	18 Jun 2019	Normal	NSW_0908_PFASMGMT	Risk Zone B	0.04		*0.02*		**0.51**	
Primary Management Zone	MW103D	25 Sep 2019	Normal	NSW_0908_PFASMGMT	Risk Zone B	0.008		<0.0003		**0.299**	
Primary Management Zone	MW103D	03 Dec 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.03		<0.01		**0.41**	
Primary Management Zone	MW103D	17 Mar 2020	Normal	NSW_0908_PFASMGMT	Risk Zone B	0.04		*0.07*		**0.47**	
Primary Management Zone	MW103D	29 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.03		<0.01		**0.25**	
Primary Management Zone	MW103D	26 Nov 2020	Normal	NSW_0908_PFASMGMT	Risk Zone B	0.02		*0.14*		**0.3**	
Primary Management Zone	MW103S	13 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW103S	07 Mar 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW103S	07 Mar 2016	Field_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW103S	03 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.05*		0.05	
Primary Management Zone	MW103S	01 May 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.07	
Primary Management Zone	MW103S	01 May 2018	Normal	NSW_0908_PFAS	Risk Zone B	-		-		**0.08**	
Primary Management Zone	MW103S	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.04	
Primary Management Zone	MW103S	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	-		-		0.05	
Primary Management Zone	MW103S	29 Mar 2019	Normal	NSW_0908_PFASMGMT	Risk Zone B	<0.01		<0.01		0.03	
Primary Management Zone	MW103S	31 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.05	
Primary Management Zone	MW103S	31 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	-		-		0.06	
Primary Management Zone	MW103S	18 Jun 2019	Normal	NSW_0908_PFASMGMT	Risk Zone B	<0.01		<0.01		0.05	
Primary Management Zone	MW103S	25 Sep 2019	Normal	NSW_0908_PFASMGMT	Risk Zone B	0.0008		<0.0003		0.0587	
Primary Management Zone	MW103S	03 Dec 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.06	
Primary Management Zone	MW103S	17 Mar 2020	Normal	NSW_0908_PFASMGMT	Risk Zone B	<0.01		<0.01		0.05	
Primary Management Zone	MW103S	17 Mar 2020	Field_D	NSW_0908_PFASMGMT	Risk Zone B	<0.01		<0.01		0.05	
Primary Management Zone	MW103S	29 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		0.05	
Primary Management Zone	MW103S	26 Nov 2020	Normal	NSW_0908_PFASMGMT	Risk Zone B	<0.01		<0.01		0.07	
Primary Management Zone	MW104D	11 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone A	**2.6**		*70*		**90**	
Primary Management Zone	MW104D	15 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	**4.75**		*103*		**136.8**	
Primary Management Zone	MW104D	15 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**137**	
Primary Management Zone	MW104D	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	**2.3**		*101*		**118.6**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Primary Management Zone	MW104D	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**119**	
Primary Management Zone	MW104D	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	**1.44**		*58.8*		**72.5**	
Primary Management Zone	MW104D	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	**0.84**		*31.2*		**39.2**	
Primary Management Zone	MW104D	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	**0.88**	-	*44.3*	-	**52.3**	-
Primary Management Zone	MW104D	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	0.56	New Minimum	*37.3*	-	**42.3**	-
Primary Management Zone	MW104S	11 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone A	0.02		*0.51*		**1.11**	
Primary Management Zone	MW104S	11 Nov 2014	Field_D	NSW_0908_PFAS	Risk Zone A	0.06		*0.94*		**2.24**	
Primary Management Zone	MW104S	15 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	0.47		*6.66*		**11.9**	
Primary Management Zone	MW104S	15 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**11.92**	
Primary Management Zone	MW104S	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	0.32		*19.6*		**22.3**	
Primary Management Zone	MW104S	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**22.31**	
Primary Management Zone	MW104S	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	0.35		*25.6*		**29.1**	
Primary Management Zone	MW104S	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	0.19		*6.43*		**8.57**	
Primary Management Zone	MW104S	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	0.07	-	*4.76*	-	**5.61**	-
Primary Management Zone	MW104S	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	0.04	-	*2.25*	-	**3.17**	-
Primary Management Zone	MW126D	19 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		<0.01		0.02	
Primary Management Zone	MW126D	07 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		<0.01		<0.01	
Primary Management Zone	MW126D	26 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		<0.01		<0.01	
Primary Management Zone	MW126D	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		<0.01		<0.01	
Primary Management Zone	MW126D	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		<0.01		<0.01	
Primary Management Zone	MW126D	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01		*0.47*		**0.5**	
Primary Management Zone	MW126D	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01		*0.02*		0.02	
Primary Management Zone	MW126D	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01		*0.04*		0.04	
Primary Management Zone	MW126D	19 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01		<0.01		<0.01	
Primary Management Zone	MW126D	19 May 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone A	<0.01		<0.02		<0.01	
Primary Management Zone	MW126D	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW126D	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01	-	*0.01*	-	0.01	-
Primary Management Zone	MW126D	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW126D	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW126D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW126S	13 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone A	0.04		*0.07*		**0.56**	
Primary Management Zone	MW126S	03 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone A	0.16		*0.49*		**0.49**	
Primary Management Zone	MW126S	19 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone A	0.33		*2.26*		**8.37**	
Primary Management Zone	MW126S	26 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone A	0.09		*1.44*		**3.03**	
Primary Management Zone	MW126S	26 Mar 2018	Field_D	NSW_0908_PFAS	Risk Zone A	0.09		*1.42*		**3.11**	
Primary Management Zone	MW126S	26 Mar 2018	Interlab_D	NSW_0908_PFAS	Risk Zone A	0.077		*0.65*		**1.95**	
Primary Management Zone	MW126S	26 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone A	0.13		*1.63*		**4.27**	
Primary Management Zone	MW126S	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone A	0.38		*3.6*		**10.6**	
Primary Management Zone	MW126S	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**10.64**	
Primary Management Zone	MW126S	21 May 2019	Field_D	NSW_0908_PFAS	Risk Zone A	0.38		*3.63*		**10.9**	
Primary Management Zone	MW126S	21 May 2019	Field_D	NSW_0908_PFAS	Risk Zone A	-		-		**10.92**	
Primary Management Zone	MW126S	21 May 2019	Interlab_D	NSW_0908_PFAS	Risk Zone A	0.32		*3.1*		**11.3**	
Primary Management Zone	MW126S	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone A	0.35		*3.86*		**10.9**	
Primary Management Zone	MW126S	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	0.53		*8.44*		**17.1**	
Primary Management Zone	MW126S	13 May 2020	Field_D	NSW_0908_PFASOMP	Risk Zone A	0.56		*9.2*		**17.7**	
Primary Management Zone	MW126S	13 May 2020	Interlab_D	NSW_0908_PFASOMP	Risk Zone A	0.32		*5.3*		**11.3**	
Primary Management Zone	MW126S	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	0.54		*9.88*		**16.6**	
Primary Management Zone	MW126S	19 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	0.4		*10.2*		**17.5**	
Primary Management Zone	MW126S	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	0.25	-	*6.08*	-	**12.3**	
Primary Management Zone	MW126S	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	0.28	-	*6.02*	-	**11**	
Primary Management Zone	MW126S	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	0.45	-	*7.02*	-	**17.3**	
Primary Management Zone	MW126S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	**0.68**	New Exceedance, New Maximum	*7.94*	-	**21**	New Maximum
Primary Management Zone	MW126S	11 May 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone A	0.54	-	*7.4*	-	**20.7**	
Primary Management Zone	MW126S	11 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone A	0.52	-	*7*	-	**23**	
Primary Management Zone	MW126S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	0.35	-	*4.25*	-	**11.3**	
Primary Management Zone	MW177	26 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.02	
Primary Management Zone	MW177	27 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.08		*2.85*		**4.29**	
Primary Management Zone	MW178	26 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Primary Management Zone	MW178	26 Feb 2016	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW178	10 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Primary Management Zone	MW178	27 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW178	26 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW178	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW178	07 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW178	04 Jun 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW178	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.06	
Primary Management Zone	MW178	19 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.08*		**0.2**	
Primary Management Zone	MW178	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.02*	-	**0.13**	-
Primary Management Zone	MW178	15 Nov 2021	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.03*	-	**0.16**	-
Primary Management Zone	MW178	01 Jun 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.04*	-	**0.14**	-
Primary Management Zone	MW178	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.11*	New Maximum	**0.41**	New Maximum
Primary Management Zone	MW178	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.08*	-	**0.23**	-
Primary Management Zone	MW178	17 May 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.1*	-	**0.28**	-
Primary Management Zone	MW178	17 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.08*	-	**0.32**	-
Primary Management Zone	MW178	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	0.01	First-time Detection, New Maximum	*0.1*	-	**0.44**	New Maximum
Primary Management Zone	MW184D	02 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone A	**1.16**		*41*		**50.78**	
Primary Management Zone	MW184D	02 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**50.8**	
Primary Management Zone	MW184D	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	0.52		*30.2*		**34.17**	
Primary Management Zone	MW184D	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**34.2**	
Primary Management Zone	MW184D	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	0.52		*21.8*		**27.2**	
Primary Management Zone	MW184D	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	0.14		*5.36*		**7.06**	
Primary Management Zone	MW184D	13 May 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone A	0.13		*4.2*		**5.5**	
Primary Management Zone	MW184D	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	0.16	-	*5.22*	-	**6.68**	-
Primary Management Zone	MW184D	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	0.15	-	*4.43*	-	**6.03**	-
Primary Management Zone	MW184S	02 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone A	**0.8**		*23.4*		**33.8**	
Primary Management Zone	MW184S	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	0.29		*20.1*		**22.7**	
Primary Management Zone	MW184S	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	-		-		**22.72**	
Primary Management Zone	MW184S	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	0.04		*5.52*		**6.04**	
Primary Management Zone	MW184S	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	0.05		*2.68*		**3.95**	
Primary Management Zone	MW184S	13 May 2021	Field_D	NSW_0908_PFASOMP	Risk Zone A	0.05		*2.63*		**3.88**	
Primary Management Zone	MW184S	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	0.03	New Minimum	*2.8*	-	**3.99**	-
Primary Management Zone	MW184S	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	0.08	-	*8.82*	-	**9.92**	-
Primary Management Zone	MW188D	19 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone A	0.07		*0.72*		**1.24**	
Primary Management Zone	MW188D	03 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	0.14		*0.91*		**2.22**	
Primary Management Zone	MW188D	27 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone A	0.08		*0.66*		**1.39**	
Primary Management Zone	MW188D	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone A	0.07		*0.38*		**0.79**	
Primary Management Zone	MW188D	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone A	0.08		*0.55*		**1.27**	
Primary Management Zone	MW188D	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	0.25		*5.41*		**8.52**	
Primary Management Zone	MW188D	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	0.05		*0.99*		**1.7**	
Primary Management Zone	MW188S	22 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone A	0.09		*0.49*		**0.49**	
Primary Management Zone	MW188S	22 Jan 2016	Field_D	NSW_0908_PFAS	Risk Zone A	0.08		*0.5*		**0.5**	
Primary Management Zone	MW188S	19 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone A	0.02		*0.91*		**1.15**	
Primary Management Zone	MW188S	03 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	0.04		*0.66*		**0.82**	
Primary Management Zone	MW188S	27 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone A	0.02		*0.34*		**0.39**	
Primary Management Zone	MW188S	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		*0.68*		**0.85**	
Primary Management Zone	MW188S	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		*0.19*		**0.23**	
Primary Management Zone	MW188S	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone A	0.08		*3.14*		**3.8**	
Primary Management Zone	MW188S	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone A	0.09		*2.93*		**3.75**	
Primary Management Zone	MW188S	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone A	<0.01	-	*0.02*	New Minimum	0.02	New Minimum
Primary Management Zone	MW188S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone A	<0.01	-	*0.02*	-	0.02	-
Primary Management Zone	MW226D	15 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		*0.1*		**0.16**	
Primary Management Zone	MW226D	22 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		*0.69*		**0.78**	
Primary Management Zone	MW226D	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	0.01		*0.45*		**0.74**	
Primary Management Zone	MW226S	15 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	0.1		*3.38*		**4.67**	
Primary Management Zone	MW226S	22 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone A	0.11		*2.74*		**3.92**	
Primary Management Zone	MW226S	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone A	<0.01		<0.01		<0.01	
Primary Management Zone	MW238D	17 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Primary Management Zone	MW238D	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238D	06 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238D	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238D	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238D	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238D	10 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238D	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238D	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238D	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238D	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238D	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238S	17 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238S	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238S	06 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238S	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238S	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238S	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238S	10 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW238S	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238S	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238S	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238S	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW238S	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW271D	15 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271D	13 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271D	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271D	13 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271D	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271D	26 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271D	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271D	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW271D	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW271D	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW271D	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW271D	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.01	First-time Detection, New Maximum
Primary Management Zone	MW271S	15 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271S	13 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271S	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271S	13 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271S	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Primary Management Zone	MW271S	26 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		**0.08**	
Primary Management Zone	MW271S	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.03	
Primary Management Zone	MW271S	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	First-time Detection, New Maximum, New Exceedance	0.02	-
Primary Management Zone	MW271S	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	-	0.03	-
Primary Management Zone	MW271S	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Primary Management Zone	MW271S	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Primary Management Zone	MW271S	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.01	-
Primary Management Zone	MW278D	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.05*		0.05	
Primary Management Zone	MW278D	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278D	07 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278D	28 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278D	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278D	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278D	13 May 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.02		<0.01	
Primary Management Zone	MW278D	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278D	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278D	09 Nov 2022	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278D	09 Nov 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278D	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278D	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278S	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278S	07 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278S	28 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278S	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.02*		0.02	
Primary Management Zone	MW278S	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Primary Management Zone	MW278S	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278S	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Primary Management Zone	MW278S	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107D	13 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	10 Mar 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	01 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Secondary Management Zone	MW107D	01 Feb 2017	Interlab_D	NSW_0908_PFAS	Risk Zone C	<0.02		<0.01		<0.02	
Secondary Management Zone	MW107D	01 May 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	07 Aug 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	07 Sep 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	05 Oct 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	23 Jan 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	23 Jan 2019	Field_D	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	23 Jan 2019	Interlab_D	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.02		<0.01	
Secondary Management Zone	MW107D	29 Mar 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	31 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	18 Jun 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		<0.002	
Secondary Management Zone	MW107D	25 Sep 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		<0.0003		<0.0003	
Secondary Management Zone	MW107D	19 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	19 Nov 2019	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	19 Nov 2019	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.02		<0.01	
Secondary Management Zone	MW107D	02 Dec 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.0005		*0.0042*		0.0042	
Secondary Management Zone	MW107D	12 Mar 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0053*		0.0053	
Secondary Management Zone	MW107D	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	23 Jun 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		*0.002*		0.002	
Secondary Management Zone	MW107D	29 Sep 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	29 Sep 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		<0.002	
Secondary Management Zone	MW107D	19 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107D	11 Jan 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0012*		0.0012	
Secondary Management Zone	MW107D	20 Sep 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		<0.002	
Secondary Management Zone	MW107D	17 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107D	17 Nov 2021	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107D	13 Jan 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		<0.0003		<0.0003	
Secondary Management Zone	MW107D	11 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107D	12 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107S	13 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	10 Mar 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	10 Mar 2016	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	01 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Secondary Management Zone	MW107S	01 Feb 2017	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Secondary Management Zone	MW107S	01 May 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	07 Aug 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	07 Sep 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	05 Oct 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	23 Jan 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	29 Mar 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Secondary Management Zone	MW107S	29 Mar 2019	Field_D	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	29 Mar 2019	Interlab_D	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.02		<0.01	
Secondary Management Zone	MW107S	22 May 2019	Interlab_D	NSW_0908_PFAS	Risk Zone C	0.12		*8.8*		**10.2**	
Secondary Management Zone	MW107S	31 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	18 Jun 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		<0.002	
Secondary Management Zone	MW107S	18 Jun 2019	Field_D	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	25 Sep 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		<0.0003		<0.0003	
Secondary Management Zone	MW107S	19 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	02 Dec 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.0005		*0.001*		0.001	
Secondary Management Zone	MW107S	12 Mar 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0029*		0.0029	
Secondary Management Zone	MW107S	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	23 Jun 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		<0.002	
Secondary Management Zone	MW107S	29 Sep 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	29 Sep 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		<0.002	
Secondary Management Zone	MW107S	19 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW107S	11 Jan 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0004*		0.0004	
Secondary Management Zone	MW107S	11 Jan 2021	Field_D	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0003*		0.0003	
Secondary Management Zone	MW107S	11 Jan 2021	Interlab_D	NSW_0908_PFASMGMT	Risk Zone C	<0.001		<0.002		<0.001	
Secondary Management Zone	MW107S	20 Sep 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.002	
Secondary Management Zone	MW107S	17 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107S	13 Jan 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0008*		0.0024	
Secondary Management Zone	MW107S	11 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107S	12 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW107S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW120	13 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW120	25 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW120	10 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.02	
Secondary Management Zone	MW120	30 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.02	
Secondary Management Zone	MW120	21 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.02*		**0.08**	
Secondary Management Zone	MW121	13 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	25 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	10 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.02	
Secondary Management Zone	MW121	26 Mar 2018	Interlab_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.02		<0.03	
Secondary Management Zone	MW121	28 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	28 Mar 2018	Field_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW121	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.15*		**0.32**	
Secondary Management Zone	MW121	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.04*		0.07	
Secondary Management Zone	MW121	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW121	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.16*	New Maximum	**0.2**	-
Secondary Management Zone	MW121	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.02*	-	0.02	-
Secondary Management Zone	MW121	08 Nov 2022	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.02*	-	0.03	-
Secondary Management Zone	MW121	08 Nov 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.02*	-	0.02	-
Secondary Management Zone	MW121	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.02*	-	0.02	-
Secondary Management Zone	MW121	09 May 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW121	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.01*	-	0.01	-
Secondary Management Zone	MW121	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.02*	-	0.02	-
Secondary Management Zone	MW122	13 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.03	
Secondary Management Zone	MW122	15 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.05	
Secondary Management Zone	MW122	15 Feb 2016	Field_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.05	
Secondary Management Zone	MW122	06 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW122	21 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW122	21 Nov 2018	Field_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW122	21 Nov 2018	Interlab_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.02		0.039	
Secondary Management Zone	MW122	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.02	
Secondary Management Zone	MW122	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	-		-		0.03	
Secondary Management Zone	MW122	05 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		0.02	
Secondary Management Zone	MW122	20 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		0.02	
Secondary Management Zone	MW122	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW122	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW122	10 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	0.03	-
Secondary Management Zone	MW122	19 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW122	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW123	12 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.48*		**0.73**	
Secondary Management Zone	MW123	08 Oct 2015	Normal	NSW_0908_PFAS	Risk Zone B	<0.02		*0.1*		**0.1**	
Secondary Management Zone	MW123	29 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*0.76*		**0.76**	
Secondary Management Zone	MW123	11 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*1.12*		**1.53**	
Secondary Management Zone	MW123	28 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*0.8*		**1.48**	
Secondary Management Zone	MW123	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*0.67*		**1.17**	
Secondary Management Zone	MW123	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.04		*0.87*		**1.88**	
Secondary Management Zone	MW123	05 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	0.04		*0.89*		**1.93**	
Secondary Management Zone	MW123	26 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*0.58*		**1.12**	
Secondary Management Zone	MW123	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.01	-	*0.34*	-	**0.59**	-
Secondary Management Zone	MW123	09 Nov 2021	Field_D	NSW_0908_PFASOMP	Risk Zone B	0.01	-	*0.37*	-	**0.64**	-
Secondary Management Zone	MW123	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.1*	-	**0.18**	-
Secondary Management Zone	MW123	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02	-	*0.4*	-	**0.73**	-
Secondary Management Zone	MW123	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.02	-	*0.41*	-	**0.8**	-
Secondary Management Zone	MW123	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.01	-	*0.35*	-	**0.56**	-
Secondary Management Zone	MW125D	07 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	26 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.01*		0.01	
Secondary Management Zone	MW125D	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	-		-		0.03	
Secondary Management Zone	MW125D	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125D	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW125D	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW125D	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW125D	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW125S	26 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	0.02		*0.02*		**0.08**	
Secondary Management Zone	MW125S	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125S	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		0.02	
Secondary Management Zone	MW125S	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	-		-		0.03	
Secondary Management Zone	MW125S	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.01*		0.03	
Secondary Management Zone	MW125S	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125S	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125S	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW125S	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW125S	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW125S	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW125S	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW130D	14 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	31 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	27 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	30 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	14 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130D	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.01	First-time Detection, New Maximum
Secondary Management Zone	MW130D	01 Jun 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW130D	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Secondary Management Zone	MW130D	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW130D	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW130D	27 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.01	-
Secondary Management Zone	MW130D	27 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.01	-
Secondary Management Zone	MW130S	14 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	31 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	31 Jan 2017	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	27 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	21 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	30 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	14 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW130S	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.01	First-time Detection, New Maximum
Secondary Management Zone	MW130S	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.02	New Maximum
Secondary Management Zone	MW130S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW130S	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW130S	27 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW130S	27 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW132D	14 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone B	0.01		<0.01		0.07	
Secondary Management Zone	MW132D	01 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.07*		**0.44**	
Secondary Management Zone	MW132D	27 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.08*		**0.8**	
Secondary Management Zone	MW132D	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.09*		**1.19**	
Secondary Management Zone	MW132D	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*0.1*		**1.21**	
Secondary Management Zone	MW132D	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	0.07		*0.08*		**2.33**	
Secondary Management Zone	MW132D	14 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.09		*0.1*		**1.66**	
Secondary Management Zone	MW132D	17 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.05		*0.1*		**1.35**	
Secondary Management Zone	MW132D	27 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.07		*0.14*		**1.14**	
Secondary Management Zone	MW132D	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.1	New Maximum	*0.31*	New Maximum	**1.08**	-
Secondary Management Zone	MW132D	15 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	0.08	-	*0.23*	-	**1**	-
Secondary Management Zone	MW132D	30 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.06	-	*0.41*	New Maximum	**1.11**	-
Secondary Management Zone	MW132D	30 May 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	0.06	-	*0.38*	-	**0.99**	-
Secondary Management Zone	MW132D	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.04	-	*0.44*	New Maximum	**1.14**	-
Secondary Management Zone	MW132D	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.03	-	*0.89*	New Maximum	**1.21**	-
Secondary Management Zone	MW132D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.02	-	*0.78*	-	**1.01**	-
Secondary Management Zone	MW132D	23 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone B	0.02	-	*0.74*	-	**0.94**	-
Secondary Management Zone	MW132D	23 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone B	0.02	-	*0.76*	-	**1**	-
Secondary Management Zone	MW132S	14 Apr 2015	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.02	
Secondary Management Zone	MW132S	18 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.04	
Secondary Management Zone	MW132S	01 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW132S	27 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.03	
Secondary Management Zone	MW132S	27 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	-		-		0.04	
Secondary Management Zone	MW132S	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.4*		**0.8**	
Secondary Management Zone	MW132S	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.46*		**0.71**	
Secondary Management Zone	MW132S	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*0.84*		**1.29**	
Secondary Management Zone	MW132S	14 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.46*		**0.59**	
Secondary Management Zone	MW132S	17 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.74*		**0.84**	
Secondary Management Zone	MW132S	27 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.22*		**0.31**	
Secondary Management Zone	MW132S	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.4*	-	**0.58**	-
Secondary Management Zone	MW132S	30 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.34*	-	**0.48**	-
Secondary Management Zone	MW132S	30 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.52*	-	**0.72**	-
Secondary Management Zone	MW132S	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.24*	-	**0.29**	-
Secondary Management Zone	MW132S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.22*	-	**0.27**	-
Secondary Management Zone	MW132S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.18*	-	**0.23**	-
Secondary Management Zone	MW132S	23 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.18*	-	**0.22**	-
Secondary Management Zone	MW132S	23 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.16*	-	**0.22**	-
Secondary Management Zone	MW146AD	07 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146AD	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146AD	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146AD	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146AD	26 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146AD	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146AD	13 May 2021	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146AD	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW146AD	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.27*	First-time Detection, New Maximum, New Exceedance	**0.28**	First-time Detection, New Maximum, New Exceedance
Secondary Management Zone	MW146AD	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.1*	-	**0.1**	-
Secondary Management Zone	MW146AD	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW146AD	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.03*	-	0.03	-
Secondary Management Zone	MW146S	03 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	20 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	26 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	20 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	26 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW146S	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	First-time Detection, New Maximum, New Exceedance	0.01	First-time Detection, New Maximum
Secondary Management Zone	MW146S	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW146S	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW146S	24 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW147D	04 Mar 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW147D	02 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW147D	17 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW147D	04 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW147D	28 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW147D	27 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW147D	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW147D	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW147S	04 Mar 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW147S	02 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW147S	09 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		*0.07*		**0.25**	
Secondary Management Zone	MW147S	04 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW147S	28 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.03*		**0.09**	
Secondary Management Zone	MW147S	27 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW147S	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	0.01	First-time Detection, New Maximum	*0.03*	-	**0.16**	-
Secondary Management Zone	MW147S	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.03*	-	**0.11**	-
Secondary Management Zone	MW150D	07 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.04		*0.15*		**1.39**	
Secondary Management Zone	MW150D	10 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.06	New Maximum	*0.25*	New Maximum	**2.06**	New Maximum
Secondary Management Zone	MW150S	01 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.04*		0.04	
Secondary Management Zone	MW150S	07 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.2*		**0.25**	
Secondary Management Zone	MW150S	10 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.03*	New Minimum	0.04	-
Secondary Management Zone	MW160	07 Mar 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW160	30 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW160	27 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW160	21 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW160	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	0.02		*3.11*		**3.3**	
Secondary Management Zone	MW160	14 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW160	17 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW160	24 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.01*		0.04	
Secondary Management Zone	MW160	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	-	0.03	-
Secondary Management Zone	MW160	15 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW160	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW160	31 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	-	0.05	-

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Secondary Management Zone	MW160	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW160	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.03	-
Secondary Management Zone	MW160	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.01	-
Secondary Management Zone	MW161D	26 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.04*		0.06	
Secondary Management Zone	MW161D	26 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone B	-		*0.13*		-	
Secondary Management Zone	MW161D	08 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.14		*3.78*		**5.58**	
Secondary Management Zone	MW161D	30 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.08		*2.85*		**3.88**	
Secondary Management Zone	MW161D	21 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.06		*2.22*		**3.23**	
Secondary Management Zone	MW161D	26 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.05		*1.6*		**2.46**	
Secondary Management Zone	MW161D	01 Jun 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.06	-	*1.94*	-	**2.79**	-
Secondary Management Zone	MW161D	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.05	-	*1.89*	-	**2.63**	-
Secondary Management Zone	MW161S	26 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone B	0.04		*2.26*		**3.58**	
Secondary Management Zone	MW161S	26 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone B	0.07		*2.98*		-	
Secondary Management Zone	MW161S	08 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.08		*2.66*		**4.06**	
Secondary Management Zone	MW161S	30 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*1.91*		**3**	
Secondary Management Zone	MW161S	21 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.06		*2.39*		**3.61**	
Secondary Management Zone	MW161S	26 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.05		*3.64*		**4.6**	
Secondary Management Zone	MW161S	01 Jun 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.07	-	*2.39*	-	**3.23**	-
Secondary Management Zone	MW161S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.04	-	*1.84*	New Minimum	**2.56**	New Minimum
Secondary Management Zone	MW162D	29 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	10 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.02	
Secondary Management Zone	MW162D	27 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	18 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	18 May 2021	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162D	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162D	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162D	18 May 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162D	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162D	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162D	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	0.01	First-time Detection, New Maximum
Secondary Management Zone	MW162D	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162D	21 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162D	21 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162S	29 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	10 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.02	
Secondary Management Zone	MW162S	27 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	21 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	18 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW162S	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162S	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162S	18 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162S	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162S	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162S	09 May 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW162S	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW195	27 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW195	09 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		0.07	
Secondary Management Zone	MW195	27 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.17*		**0.33**	
Secondary Management Zone	MW195	27 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.01		*0.06*		**0.28**	
Secondary Management Zone	MW195	27 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.01		*0.05*		**0.23**	
Secondary Management Zone	MW195	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*0.08*		**0.3**	
Secondary Management Zone	MW195	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.05*		**0.12**	
Secondary Management Zone	MW195	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.01	-	*0.05*	-	**0.14**	-
Secondary Management Zone	MW195	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.01	-	*0.1*	-	**0.2**	-
Secondary Management Zone	MW229D	07 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229D	26 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229D	06 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229D	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229D	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229D	19 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229S	07 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229S	26 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229S	04 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229S	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229S	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW229S	19 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW230S	15 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW230S	15 Mar 2017	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW230S	03 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW230S	14 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW230S	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW230S	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.01	First-time Detection, New Maximum
Secondary Management Zone	MW230S	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.01	
Secondary Management Zone	MW230S	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01		<0.01		0.01	
Secondary Management Zone	MW230S	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01		*0.01*	First-time Detection, New Maximum, New Exceedance	0.03	New Maximum
Secondary Management Zone	MW247D	01 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	01 Feb 2017	Field_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	28 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	12 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	12 Apr 2018	Field_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	12 Apr 2018	Interlab_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.02		<0.03	
Secondary Management Zone	MW247D	30 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	31 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.03*		0.03	
Secondary Management Zone	MW247D	15 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.01*		0.01	
Secondary Management Zone	MW247D	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW247D	18 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.05*		0.05	
Secondary Management Zone	MW247D	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.05*	-	0.06	New Maximum
Secondary Management Zone	MW247D	12 Nov 2021	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.05*	-	0.06	
Secondary Management Zone	MW247D	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.06*	New Maximum	**0.08**	New Exceedance, New Maximum
Secondary Management Zone	MW247D	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.07*	New Maximum	**0.1**	New Maximum
Secondary Management Zone	MW247D	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.07*	-	**0.11**	New Maximum
Secondary Management Zone	MW247D	24 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.07*	-	**0.11**	-
Secondary Management Zone	MW247S	01 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*0.21*		**0.97**	
Secondary Management Zone	MW247S	01 Feb 2017	Interlab_D	NSW_0908_PFAS	Risk Zone B	0.037		*0.19*		**1.29**	
Secondary Management Zone	MW247S	28 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.09		*0.27*		**1.48**	
Secondary Management Zone	MW247S	12 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.06		*1.24*		**1.74**	
Secondary Management Zone	MW247S	30 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.48*		**1.09**	
Secondary Management Zone	MW247S	31 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*1.88*		**2.17**	
Secondary Management Zone	MW247S	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*1.35*		**1.79**	
Secondary Management Zone	MW247S	15 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*1.93*		**2.31**	
Secondary Management Zone	MW247S	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*0.93*		**1.03**	
Secondary Management Zone	MW247S	18 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*0.55*		**2.3**	
Secondary Management Zone	MW247S	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.04	-	*0.96*	-	**2.05**	-
Secondary Management Zone	MW247S	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02	-	*0.33*	-	**1.03**	-

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Secondary Management Zone	MW247S	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02	-	*0.46*	-	**1.32**	-
Secondary Management Zone	MW247S	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.02	-	*0.24*	-	**0.78**	New Minimum
Secondary Management Zone	MW247S	24 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	New Minimum	*0.23*	-	**0.31**	New Minimum
Secondary Management Zone	MW255D	01 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone D	<0.05		<0.05		<0.05	
Secondary Management Zone	MW255D	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255D	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255D	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255D	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255D	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255D	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW255D	18 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW255D	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW255D	09 May 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW255D	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW255S	01 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255S	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255S	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255S	20 Nov 2018	Field_D	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255S	20 Nov 2018	Interlab_D	NSW_0908_PFAS	Risk Zone D	<0.01		<0.02		<0.03	
Secondary Management Zone	MW255S	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255S	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255S	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Secondary Management Zone	MW255S	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW255S	18 May 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW255S	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256D	30 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Secondary Management Zone	MW256D	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256D	04 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256D	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256D	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256D	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.01*		0.01	
Secondary Management Zone	MW256D	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256D	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256D	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256D	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256D	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256D	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256D	08 May 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256D	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	30 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Secondary Management Zone	MW256S	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256S	20 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256S	23 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256S	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256S	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256S	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256S	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW256S	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	07 Nov 2022	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	07 Nov 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	08 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW256S	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257D	31 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Secondary Management Zone	MW257D	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257D	06 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257D	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257D	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257D	18 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257D	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257D	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257D	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257D	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	0.02	First-time Detection, New Maximum	<0.01	-	<0.01	-
Secondary Management Zone	MW257D	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257D	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257D	21 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257D	21 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257S	31 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Secondary Management Zone	MW257S	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257S	19 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257S	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257S	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257S	18 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257S	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW257S	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257S	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257S	17 May 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257S	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257S	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW257S	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW260D	08 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW260D	06 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW260D	19 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW260D	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		0.04	
Secondary Management Zone	MW260D	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	-		-		0.05	
Secondary Management Zone	MW260D	05 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.05		<0.05		<0.05	
Secondary Management Zone	MW260D	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.03	
Secondary Management Zone	MW260D	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.02	
Secondary Management Zone	MW260D	14 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.02	
Secondary Management Zone	MW260D	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.03	-
Secondary Management Zone	MW260D	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW260D	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW260D	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW260D	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW260S	08 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.09*		**0.12**	
Secondary Management Zone	MW260S	06 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.02*		0.06	
Secondary Management Zone	MW260S	19 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.03*		**0.11**	
Secondary Management Zone	MW260S	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW260S	05 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.01*		0.04	
Secondary Management Zone	MW260S	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.03*		0.05	
Secondary Management Zone	MW260S	24 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.04*		0.06	
Secondary Management Zone	MW260S	14 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.03*		0.07	
Secondary Management Zone	MW260S	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.02*	-	0.03	-
Secondary Management Zone	MW260S	12 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.02*	-	0.04	-
Secondary Management Zone	MW260S	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.05*	-	0.07	-
Secondary Management Zone	MW260S	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.05*	-	0.07	-
Secondary Management Zone	MW260S	08 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.04*	-	0.05	-
Secondary Management Zone	MW260S	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.03*	-	0.03	-
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.03		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		*0.04*		0.04	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.01		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.14		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		<0.01		<0.01	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		*0.12*		**0.12**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.5		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		*0.46*		**0.46**	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	**1.72**		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		*1.57*		**1.57**	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	**5.81**		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		*5.3*		**5.3**	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	***36.9***		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		*18*		**18**	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	***113***		-		-	
Secondary Management Zone	MW279S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	-		*70.3*		**70.3**	
Secondary Management Zone	MW279S	06 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.01		*0.05*		**1.22**	
Secondary Management Zone	MW279S	13 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.04		*0.24*		**1.67**	
Secondary Management Zone	MW279S	26 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.11*		**1.67**	
Secondary Management Zone	MW279S	27 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.2*		**1.45**	
Secondary Management Zone	MW279S	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	0.04		*0.18*		**2.34**	
Secondary Management Zone	MW279S	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.04		*0.45*		**3.08**	
Secondary Management Zone	MW279S	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.02		*0.35*		**1.55**	
Secondary Management Zone	MW279S	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.03		*0.72*		**2.67**	
Secondary Management Zone	MW279S	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	0.01	-	*0.46*	-	**1.39**	-
Secondary Management Zone	MW279S	19 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.01	-	*0.32*	-	**1.2**	-
Secondary Management Zone	MW279S	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.01	-	*0.18*	-	**0.71**	-
Secondary Management Zone	MW279S	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.03	-	*0.38*	-	**2.36**	-
Secondary Management Zone	MW279S	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.03	-	*0.32*	-	**2.6**	-
Secondary Management Zone	MW315D	26 Sep 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		<0.0003		0.0219	
Secondary Management Zone	MW315D	19 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW315D	03 Dec 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.0005		*0.0016*		0.0196	
Secondary Management Zone	MW315D	12 Mar 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0053*		0.018	
Secondary Management Zone	MW315D	20 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.02	
Secondary Management Zone	MW315D	08 Jul 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0045*		0.0275	
Secondary Management Zone	MW315D	29 Sep 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		*0.003*		0.031	
Secondary Management Zone	MW315D	26 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW315D	11 Jan 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0029*		0.0375	
Secondary Management Zone	MW315D	25 Mar 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0023*		0.0459	
Secondary Management Zone	MW315D	20 Sep 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0024*		0.0454	
Secondary Management Zone	MW315D	14 Jan 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		<0.0003		**0.0866**	
Secondary Management Zone	MW315D	18 Mar 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.054	
Secondary Management Zone	MW315D	26 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	**0.1**	New Maximum
Secondary Management Zone	MW315D	26 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	**0.16**	
Secondary Management Zone	MW315D	30 Jun 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		*0.011*		**0.093**	
Secondary Management Zone	MW315D	30 Jun 2022	Field_D	NSW_0908_PFASMGMT	Risk Zone C	<0.002		*0.012*		**0.094**	
Secondary Management Zone	MW315D	16 Sep 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		**0.174**	
Secondary Management Zone	MW315D	16 Sep 2022	Field_D	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		**0.183**	
Secondary Management Zone	MW315D	11 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	**0.12**	-
Secondary Management Zone	MW315D	18 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	**0.16**	-
Secondary Management Zone	MW315D	18 May 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	**0.2**	New Maximum
Secondary Management Zone	MW315D	18 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	**0.19**	
Secondary Management Zone	MW315D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	**0.16**	-
Secondary Management Zone	MW315S	26 Sep 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		<0.0003		0.0251	
Secondary Management Zone	MW315S	19 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW315S	19 Nov 2019	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW315S	19 Nov 2019	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.02		0.017	
Secondary Management Zone	MW315S	03 Dec 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.0005		*0.0077*		0.0291	
Secondary Management Zone	MW315S	12 Mar 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0076*		0.0173	
Secondary Management Zone	MW315S	20 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.03	
Secondary Management Zone	MW315S	08 Jul 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		<0.0003		0.0257	
Secondary Management Zone	MW315S	29 Sep 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.018	
Secondary Management Zone	MW315S	26 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.04	
Secondary Management Zone	MW315S	11 Jan 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.0005		*0.0076*		0.033	
Secondary Management Zone	MW315S	25 Mar 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0006		*0.0008*		0.0689	
Secondary Management Zone	MW315S	25 Mar 2021	Field_D	NSW_0908_PFASMGMT	Risk Zone C	0.0006		*0.0012*		**0.0774**	
Secondary Management Zone	MW315S	25 Mar 2021	Interlab_D	NSW_0908_PFASMGMT	Risk Zone C	<0.001		<0.002		0.064	
Secondary Management Zone	MW315S	20 Sep 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0019		*0.0008*		0.0209	
Secondary Management Zone	MW315S	14 Jan 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0019		<0.0016		0.0248	
Secondary Management Zone	MW315S	18 Mar 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.004		*0.002*		0.028	
Secondary Management Zone	MW315S	26 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW315S	30 Jun 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.005		*0.003*		0.027	
Secondary Management Zone	MW315S	16 Sep 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.003		*0.003*		0.028	
Secondary Management Zone	MW315S	16 Sep 2022	Interlab_D	NSW_0908_PFASMGMT	Risk Zone C	0.004		*0.002*		0.021	
Secondary Management Zone	MW315S	11 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW315S	18 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.01	-
Secondary Management Zone	MW315S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.02	-
Secondary Management Zone	MW318D	19 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		**0.22**	
Secondary Management Zone	MW318D	21 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		**0.37**	
Secondary Management Zone	MW318D	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		**0.08**	
Secondary Management Zone	MW318D	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		**0.21**	
Secondary Management Zone	MW318D	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	0.02	First-time Detection, New Maximum	*0.03*	First-time Detection, New Maximum, New Exceedance	**0.55**	New Maximum
Secondary Management Zone	MW318D	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	0.02	-	*0.04*	New Maximum	**0.64**	New Maximum
Secondary Management Zone	MW318D	31 May 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	0.02	-	*0.04*		**0.59**	
Secondary Management Zone	MW318D	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	**0.17**	-
Secondary Management Zone	MW318D	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.04*	-	**0.32**	-
Secondary Management Zone	MW318D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	0.01	-	*0.04*	-	**0.45**	-
Secondary Management Zone	MW318S	19 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW318S	19 Nov 2019	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW318S	19 Nov 2019	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.02		<0.01	
Secondary Management Zone	MW318S	21 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW318S	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW318S	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Secondary Management Zone	MW318S	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	First-time Detection, New Maximum, New Exceedance	0.01	First-time Detection, New Maximum
Secondary Management Zone	MW318S	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW318S	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW318S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.02	New Maximum
Secondary Management Zone	MW318S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Secondary Management Zone	MW826	16 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*0.02*		**1.05**	
Secondary Management Zone	MW826	16 Feb 2017	Field_D	NSW_0908_PFAS	Risk Zone B	0.02		*0.02*		**1.22**	
Secondary Management Zone	MW826	06 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.04		*0.02*		**1.43**	
Secondary Management Zone	MW826	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.05		<0.01		**1.44**	
Secondary Management Zone	MW826	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	-		-		**1.45**	
Secondary Management Zone	MW829	30 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.06*		**0.18**	
Secondary Management Zone	MW829	06 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW829	06 Dec 2018	Field_D	NSW_0908_PFAS	Risk Zone B	<0.01		*0.01*		0.03	
Secondary Management Zone	MW829	06 Dec 2018	Interlab_D	NSW_0908_PFAS	Risk Zone B	<0.01		<0.02		0.034	
Secondary Management Zone	MW829	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW829	06 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		0.02	
Secondary Management Zone	MW829	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW829	19 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.01*		0.01	
Secondary Management Zone	MW829	25 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Secondary Management Zone	MW829	15 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.02*	-	0.05	-
Secondary Management Zone	MW829	30 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	0.01	-
Secondary Management Zone	MW829	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.01*	-	0.01	-
Secondary Management Zone	MW829	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.01*	-	0.02	-
Secondary Management Zone	MW829	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	0.03	-
Secondary Management Zone	POT046	21 Oct 2015	Normal	NSW_0908_PFAS	Risk Zone B	<0.02		<0.02		<0.02	
Secondary Management Zone	POT046	17 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.08*		**0.11**	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Secondary Management Zone	POT046	06 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.04*		0.06	
Secondary Management Zone	POT046	28 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.11*		**0.15**	
Secondary Management Zone	POT046	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.05*		**0.09**	
Secondary Management Zone	POT046	27 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.13*	New Maximum	**0.19**	New Maximum
Secondary Management Zone	POT046	16 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.06*	-	**0.08**	-
Secondary Management Zone	POT087	27 Oct 2015	Normal	NSW_0908_PFAS	Risk Zone B	<0.02		*0.7*		**0.7**	
Secondary Management Zone	POT087	06 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*1.15*		**1.15**	
Secondary Management Zone	POT087	14 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.4*		**0.49**	
Secondary Management Zone	POT087	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.44*		**0.53**	
Secondary Management Zone	POT087	26 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.48*		**0.56**	
Secondary Management Zone	POT087	10 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.17*		**0.29**	
Secondary Management Zone	POT087	27 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	*0.26*	-	**0.35**	-
Secondary Management Zone	POT087	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	*0.17*	-	**0.21**	New Minimum
Secondary Management Zone	POT089	27 Oct 2015	Normal	NSW_0908_PFAS	Risk Zone B	<0.02		*0.16*		**0.16**	
Secondary Management Zone	POT089	06 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.27*		**0.46**	
Secondary Management Zone	POT089	14 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		*0.17*		**0.37**	
Secondary Management Zone	POT089	07 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.23*		**0.46**	
Secondary Management Zone	POT089	26 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.24*		**0.52**	
Secondary Management Zone	POT089	10 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		*0.18*		**0.44**	
Secondary Management Zone	POT089	27 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	0.01	First-time Detection, New Maximum	*0.33*	New Maximum	**0.59**	New Maximum
Secondary Management Zone	POT089	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.01	-	*0.23*		**0.51**	
Broader Management Zone	MW118	12 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	29 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	11 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.02	
Broader Management Zone	MW118	28 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	19 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	24 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	05 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	05 Nov 2019	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	05 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	05 Nov 2019	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	05 Nov 2019	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.02		<0.01	
Broader Management Zone	MW118	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	13 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	13 May 2021	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.01		<0.01	
Broader Management Zone	MW118	13 May 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone B	<0.01		<0.02		<0.01	
Broader Management Zone	MW118	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW118	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW118	17 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW118	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW118	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW118	28 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW118	28 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Risk Zone B	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW124	11 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.01*		0.01	
Broader Management Zone	MW124	03 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	12 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Broader Management Zone	MW124	06 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	21 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	22 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	22 May 2019	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	22 May 2019	Interlab_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.02		<0.03	
Broader Management Zone	MW124	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	14 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW124	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW124	09 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW124	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW124	09 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW124	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW124	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128D	27 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	11 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Broader Management Zone	MW128D	10 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	26 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW128D	27 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	20 May 2021	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128D	20 May 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.02		<0.01	
Broader Management Zone	MW128D	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128D	11 Nov 2021	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128D	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	First-time Detection, New Maximum, New Exceedance	0.01	First-time Detection, New Maximum
Broader Management Zone	MW128D	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128D	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.02*	New Maximum	0.02	New Maximum
Broader Management Zone	MW128D	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128S	13 Nov 2014	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.05*		0.07	
Broader Management Zone	MW128S	27 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128S	11 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Broader Management Zone	MW128S	10 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW128S	27 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW128S	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW128S	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128S	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW128S	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.02*		0.02	
Broader Management Zone	MW128S	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128S	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	-	0.02	-
Broader Management Zone	MW128S	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128S	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW128S	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW139	26 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Broader Management Zone	MW139	23 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Broader Management Zone	MW139	09 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW139	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW139	28 Nov 2018	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW139	28 Nov 2018	Interlab_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.02		<0.03	
Broader Management Zone	MW139	04 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW139	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW139	26 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW139	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW139	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW139	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW139	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW139	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW140	22 Jan 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW140	10 Jan 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.02	
Broader Management Zone	MW140	26 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.08*		**0.08**	
Broader Management Zone	MW140	26 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	-		-		**0.1**	
Broader Management Zone	MW140	26 Apr 2018	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		*0.14*		**0.14**	
Broader Management Zone	MW140	26 Apr 2018	Field_D	NSW_0908_PFAS	Risk Zone C	-		-		**0.16**	
Broader Management Zone	MW140	26 Apr 2018	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		*0.07*		0.07	
Broader Management Zone	MW140	26 Apr 2018	Field_D	NSW_0908_PFAS	Risk Zone C	-		-		**0.09**	
Broader Management Zone	MW140	18 Jun 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW140	04 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW140	13 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.02*		0.02	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Broader Management Zone	MW140	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW140	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW140	18 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW159D	31 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	27 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	21 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	21 Nov 2018	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	23 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	23 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	14 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	19 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159D	01 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW159D	11 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW159S	09 Feb 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.03*		0.03	
Broader Management Zone	MW159S	09 Feb 2016	Field_D	NSW_0908_PFAS	-	<0.01		*0.02*		0.02	
Broader Management Zone	MW159S	31 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159S	27 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159S	21 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159S	23 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159S	14 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159S	19 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW159S	01 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW159S	11 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW163	05 Feb 2016	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW163	07 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW163	10 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone D	<0.05		<0.05		<0.05	
Broader Management Zone	MW163	26 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW163	27 May 2019	Normal	NSW_0908_PFAS	Risk Zone D	<0.05		<0.05		<0.05	
Broader Management Zone	MW163	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.05		<0.05		<0.05	
Broader Management Zone	MW163	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		*0.01*		0.01	
Broader Management Zone	MW163	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW163	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW163	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW163	11 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW163	19 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW163	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW163	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW163	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW231D	02 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW231D	18 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW231D	06 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW231D	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW231D	12 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW231D	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW231D	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW231D	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW231D	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW231D	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW231S	02 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW231S	18 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW231S	06 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW231S	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		0.03	
Broader Management Zone	MW231S	12 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.02*		0.02	
Broader Management Zone	MW231S	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.02*	-	0.04	New Maximum
Broader Management Zone	MW231S	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.02*	-	0.02	-
Broader Management Zone	MW231S	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW231S	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.02*	-	0.04	-
Broader Management Zone	MW231S	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232D	10 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232D	10 Feb 2017	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232D	10 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW232D	06 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW232D	29 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW232D	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW232D	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232D	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232D	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232D	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232D	11 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232D	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232D	18 May 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232D	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.18*	First-time Detection, New Maximum, New Exceedance	**0.18**	First-time Detection, New Maximum, New Exceedance
Broader Management Zone	MW232D	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232D	24 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232S	10 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	10 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	06 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	29 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	08 Nov 2019	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	08 Nov 2019	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.02		<0.01	
Broader Management Zone	MW232S	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW232S	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232S	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232S	18 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232S	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW232S	24 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW235D	01 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235D	20 Jul 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235D	12 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW235D	07 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW235D	14 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235D	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235D	25 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW235D	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW235D	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW235D	19 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW235S	01 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235S	12 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.06*		**0.08**	
Broader Management Zone	MW235S	07 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235S	14 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235S	14 Jun 2019	Field_D	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235S	14 Jun 2019	Interlab_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.02		<0.03	
Broader Management Zone	MW235S	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW235S	25 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.06*		0.06	
Broader Management Zone	MW235S	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.01*		0.01	
Broader Management Zone	MW235S	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.08*		**0.08**	
Broader Management Zone	MW235S	19 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236D	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236D	30 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236D	30 Nov 2018	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236D	30 Nov 2018	Interlab_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.02		<0.03	
Broader Management Zone	MW236D	05 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236D	14 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Broader Management Zone	MW236D	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236D	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236D	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236D	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236D	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236D	15 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236D	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236D	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.03*		0.03	
Broader Management Zone	MW236S	30 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236S	05 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236S	14 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236S	27 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236S	13 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW236S	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.01*		0.01	
Broader Management Zone	MW236S	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236S	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236S	15 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236S	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW236S	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW252S	20 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone B	0.06		*3.69*		**4.76**	
Broader Management Zone	MW252S	27 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone B	0.03		*3.87*		**4.65**	
Broader Management Zone	MW252S	30 May 2019	Normal	NSW_0908_PFAS	Risk Zone B	0.02		*2.67*		**3.61**	
Broader Management Zone	MW252S	30 May 2019	Field_D	NSW_0908_PFAS	Risk Zone B	0.02		*2.7*		**3.67**	
Broader Management Zone	MW252S	30 May 2019	Interlab_D	NSW_0908_PFAS	Risk Zone B	0.019		*3.2*		**4.14**	
Broader Management Zone	MW252S	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone B	0.01		*1.65*		**2.34**	
Broader Management Zone	MW252S	11 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone B	0.02	-	*0.93*	New Minimum	**1.32**	New Minimum
Broader Management Zone	MW258D	31 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.02	
Broader Management Zone	MW258D	19 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258D	21 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258D	04 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258D	18 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258D	18 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258D	18 Nov 2020	Field_D	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258D	18 Nov 2020	Interlab_D	NSW_0908_PFASOMP	-	<0.01		<0.02		<0.01	
Broader Management Zone	MW258D	26 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258D	09 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	17 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	17 May 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	07 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	07 Nov 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	07 Nov 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	09 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	09 May 2023	Field_D	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258D	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258S	31 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.02	
Broader Management Zone	MW258S	29 Mar 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258S	19 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258S	21 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258S	04 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258S	18 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258S	18 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258S	13 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW258S	09 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258S	17 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258S	17 May 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258S	07 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258S	09 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258S	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW258S	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263D	08 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	19 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	19 Nov 2018	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	14 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263D	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263D	09 Nov 2021	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263D	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263D	18 May 2022	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263D	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263D	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263D	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263S	08 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	29 Mar 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	19 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	21 May 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	04 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	19 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	23 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	23 Nov 2020	Field_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	23 Nov 2020	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.02		<0.01	
Broader Management Zone	MW263S	14 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW263S	09 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263S	09 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263S	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263S	18 May 2022	Interlab_D	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263S	08 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263S	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW263S	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW266D	28 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		*0.05*		**0.15**	
Broader Management Zone	MW266D	28 Feb 2017	Field_D	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		**0.1**	
Broader Management Zone	MW266D	28 Feb 2017	Interlab_D	NSW_0908_PFAS	Risk Zone C	<0.02		*0.013*		**0.081**	
Broader Management Zone	MW266D	10 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	0.02		*0.03*		**0.11**	
Broader Management Zone	MW266D	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		**0.15**	
Broader Management Zone	MW266D	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	-		-		**0.2**	
Broader Management Zone	MW266D	06 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		*0.06*		**0.11**	
Broader Management Zone	MW266D	14 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.05		<0.05		**0.13**	
Broader Management Zone	MW266D	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	0.01		<0.01		**0.1**	
Broader Management Zone	MW266D	19 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	0.01	-	<0.01	-	**0.13**	**-**
Broader Management Zone	MW266S	28 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW266S	20 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW266S	10 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW266S	28 Nov 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW266S	06 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW266S	14 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW266S	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW266S	19 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW267D	01 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267D	12 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267D	07 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.05		<0.05		<0.05	
Broader Management Zone	MW267D	14 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267D	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267D	25 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267D	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267D	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Broader Management Zone	MW267D	19 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW267S	01 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	12 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	07 Dec 2018	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	14 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	08 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	25 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	27 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW267S	19 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW270D	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW270D	07 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW270D	25 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW270D	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW270D	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW270D	16 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW270D	09 Aug 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW270S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW270S	07 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW270S	25 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	0.01		<0.01		<0.01	
Broader Management Zone	MW270S	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW270S	17 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.01*	First-time Detection, New Maximum, New Exceedance	0.03	First-time Detection, New Maximum
Broader Management Zone	MW270S	16 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	0.02	New Maximum	*0.03*	New Maximum	0.07	New Maximum
Broader Management Zone	MW270S	09 Aug 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	0.02	-	<0.01	-	0.04	-
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	0.08		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		*0.04*		0.04	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	0.03		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	0.28		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		<0.01		<0.01	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		*0.13*		**0.13**	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	**0.94**		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		*0.52*		**0.52**	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	**2.68**		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		*1.24*		**1.24**	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	**8.3**		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		*4.62*		**4.62**	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	***31.1***		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		*13*		**13**	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	***92.7***		-		-	
Broader Management Zone	MW280S	03 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	-		*39.9*		**39.9**	
Broader Management Zone	MW280S	08 Mar 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	07 Aug 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	07 Sep 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	05 Oct 2018	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	23 Jan 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	29 Mar 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	19 Jun 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.004	
Broader Management Zone	MW280S	25 Sep 2019	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0009		*0.0012*		0.0048	
Broader Management Zone	MW280S	02 Dec 2019	Normal	NSW_0908_PFAS	Risk Zone C	0.0008		*0.0017*		0.0052	
Broader Management Zone	MW280S	02 Dec 2019	Field_D	NSW_0908_PFAS	Risk Zone C	0.0009		*0.002*		0.0056	
Broader Management Zone	MW280S	02 Dec 2019	Interlab_D	NSW_0908_PFAS	Risk Zone C	<0.001		*0.0024*		0.0059	
Broader Management Zone	MW280S	12 Mar 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.001		*0.0117*		0.0148	
Broader Management Zone	MW280S	17 Apr 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0009		<0.0003		0.0035	
Broader Management Zone	MW280S	23 Jun 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.004	
Broader Management Zone	MW280S	01 Oct 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	01 Oct 2020	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.003	
Broader Management Zone	MW280S	11 Jan 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0022		*0.0372*		0.0475	
Broader Management Zone	MW280S	22 Jan 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0007		*0.0012*		0.0051	
Broader Management Zone	MW280S	24 Jun 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	MW280S	20 Sep 2021	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.004	
Broader Management Zone	MW280S	13 Jan 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.0012		<0.0003		0.0051	
Broader Management Zone	MW280S	16 Mar 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.004	
Broader Management Zone	MW280S	20 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW280S	30 Jun 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	0.002		*0.002*		0.011	
Broader Management Zone	MW280S	16 Sep 2022	Normal	NSW_0908_PFASMGMT	Risk Zone C	<0.002		<0.002		0.006	
Broader Management Zone	MW280S	11 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW280S	18 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	0.01	-
Broader Management Zone	MW280S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW316D	01 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.05		<0.05		<0.05	
Broader Management Zone	MW316D	18 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW316D	25 Nov 2020	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW316D	20 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01		<0.01		<0.01	
Broader Management Zone	MW316D	11 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW316D	20 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW316D	07 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW316D	09 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW316D	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone D	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW842	24 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW842	22 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW842	25 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW842	02 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	First-time Detection, New Maximum, New Exceedance	0.02	First-time Detection, New Maximum
Broader Management Zone	MW842	18 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW844	24 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW844	22 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW844	25 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	MW844	02 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	MW844	18 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT085	27 Oct 2015	Normal	NSW_0908_PFAS	Risk Zone C	<0.02		<0.02		<0.02	
Broader Management Zone	POT085	06 Dec 2016	Normal	NSW_0908_PFAS	Risk Zone C	0.02		*0.03*		0.03	
Broader Management Zone	POT085	18 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	POT085	28 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		<0.01		<0.01	
Broader Management Zone	POT085	19 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT085	16 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT085	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT107	29 Oct 2015	Normal	NSW_0908_PFAS	Risk Zone C	<0.02		*0.02*		0.02	
Broader Management Zone	POT107	29 Nov 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.05*		**0.31**	
Broader Management Zone	POT107	09 Apr 2018	Normal	NSW_0908_PFAS	Risk Zone C	0.01		*0.04*		**0.11**	
Broader Management Zone	POT107	04 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.04*		0.07	
Broader Management Zone	POT107	07 Nov 2019	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.02*		**0.08**	
Broader Management Zone	POT107	26 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.03*		0.07	
Broader Management Zone	POT107	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	0.05		*0.02*		0.05	
Broader Management Zone	POT107	31 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	0.04	-	*0.04*	-	**0.08**	-
Broader Management Zone	POT107	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	0.01	-	*0.02*	-	0.03	-
Broader Management Zone	POT107	15 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	0.01	-	*0.03*	-	0.05	-
Broader Management Zone	POT144	06 Nov 2015	Normal	NSW_0908_PFAS	-	<0.02		<0.02		<0.02	
Broader Management Zone	POT144	30 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.05*		0.05	
Broader Management Zone	POT144	18 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.02*		0.02	
Broader Management Zone	POT144	18 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		0.04	
Broader Management Zone	POT144	04 Jun 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Broader Management Zone	POT144	27 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	POT144	13 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	POT144	16 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT144	17 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-

Table E1 - Historical Groundwater Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**HHERA Risk Zone**						
Broader Management Zone	POT236	24 Aug 2016	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.05*		**0.08**	
Broader Management Zone	POT236	24 Aug 2016	Field_D	NSW_0908_PFAS	Risk Zone C	<0.01		*0.05*		0.07	
Broader Management Zone	POT236	27 Feb 2017	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.06*		**0.16**	
Broader Management Zone	POT236	03 Jun 2019	Normal	NSW_0908_PFAS	Risk Zone C	<0.01		*0.03*		**0.09**	
Broader Management Zone	POT236	28 May 2020	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.04*		**0.16**	
Broader Management Zone	POT236	12 May 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01		*0.06*		**0.08**	
Broader Management Zone	POT236	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	*0.04*	-	**0.08**	-
Broader Management Zone	POT236	16 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	*0.03*	-	0.04	New Minimum
Broader Management Zone	POT257	07 Oct 2016	Normal	NSW_0908_PFAS	-	0.01		*0.02*		0.02	
Broader Management Zone	POT257	01 Mar 2017	Normal	NSW_0908_PFAS	-	0.02		*0.02*		0.02	
Broader Management Zone	POT257	25 May 2020	Normal	NSW_0908_PFASOMP	-	0.01		*0.03*		0.03	
Broader Management Zone	POT257	13 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Broader Management Zone	POT257	18 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.01*	-	0.02	-
Broader Management Zone	POT257	16 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	-	*0.02*	-	0.02	-
Broader Management Zone	POT382	12 Nov 2021	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT382	18 May 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT382	14 Nov 2022	Normal	NSW_0908_PFASOMP	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT382	17 May 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	POT382	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Risk Zone C	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW158D	31 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW158D	22 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW158D	21 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Background	MW158D	14 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Background	MW158D	01 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW158D	01 Jun 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW158D	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW158S	07 Mar 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW158S	31 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW158S	22 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW158S	21 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Background	MW158S	24 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Background	MW158S	01 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW158S	01 Jun 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW158S	08 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW264D	08 Feb 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW264D	31 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW264D	29 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Background	MW264D	20 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Background	MW264D	02 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW264D	02 Jun 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW264D	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Other: Background	MW264S	08 Feb 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Background	MW264S	24 Jun 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Background	MW264S	02 Jun 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	*0.02*	First-time Detection, New Maximum, New Exceedance	0.02	First-time Detection, New Maximum
Other: Background	MW264S	02 Jun 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	0.02	
Other: Background	MW264S	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	0.02	-
Other: Cabbage Tree Road	MW137	27 Jan 2016	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Cabbage Tree Road	MW137	12 Jan 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.02	
Other: Cabbage Tree Road	MW137	26 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.03*		0.03	
Other: Cabbage Tree Road	MW137	26 Apr 2018	Normal	NSW_0908_PFAS	-	-		-		0.05	
Other: Cabbage Tree Road	MW137	19 Jun 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Cabbage Tree Road	MW137	04 Dec 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: Cabbage Tree Road	MW137	13 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.01*		0.01	
Other: Cabbage Tree Road	MW137	12 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: Cabbage Tree Road	MW137	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: Cabbage Tree Road	MW137	18 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241D	08 Feb 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	27 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	27 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	24 May 2019	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	24 May 2019	Field_D	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	24 May 2019	Interlab_D	NSW_0908_PFAS	-	<0.01		<0.02		<0.03	
Other: West of Site	MW241D	19 Nov 2019	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	20 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	20 May 2020	Field_D	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	20 May 2020	Interlab_D	NSW_0908_PFASOMP	-	<0.01		<0.02		<0.01	
Other: West of Site	MW241D	26 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	20 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	20 May 2021	Field_D	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241D	20 May 2021	Interlab_D	NSW_0908_PFASOMP	-	<0.01		<0.02		<0.01	
Other: West of Site	MW241D	15 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241D	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241D	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241D	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241D	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241S	08 Feb 2017	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241S	27 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241S	27 Nov 2018	Normal	NSW_0908_PFAS	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241S	26 Nov 2020	Normal	NSW_0908_PFASOMP	-	<0.01		<0.01		<0.01	
Other: West of Site	MW241S	20 May 2021	Normal	NSW_0908_PFASOMP	-	<0.01		*0.02*		0.02	
Other: West of Site	MW241S	15 Nov 2021	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241S	24 May 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241S	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241S	10 Nov 2022	Field_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241S	10 Nov 2022	Interlab_D	NSW_0908_PFASOMP	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241S	12 May 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-
Other: West of Site	MW241S	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	<0.01	-	<0.01	-	<0.01	-

Notes
LOR = Limit of Reporting
Normal = Primary sample
Field_D = Intra-laboratory duplicate sample
Interlab_D = Inter-laboratory duplicate sample
PFAS OMP data in monitoring period: July 2021 to December 2023

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
On Base	SW047	17 Nov 2014	Normal	NSW_0908_PFAS	-	0.25		*17*		**19.2**	
On Base	SW047	17 Nov 2014	Interlab_D	NSW_0908_PFAS	-	0.29		*16*		**18.1**	
On Base	SW047	14 Jan 2016	Normal	NSW_0908_PFAS	-	**0.9**		*31.6*		**36.76**	
On Base	SW047	14 Sep 2016	Normal	NSW_0908_PFAS	-	0.15		*17*		**18.3**	
On Base	SW047	16 Dec 2016	Normal	NSW_0908_PFAS	-	0.03		*2.27*		**2.53**	
On Base	SW047	03 Feb 2017	Normal	NSW_0908_PFAS	-	0.05		*2.8*		**3.32**	
On Base	SW047	10 Feb 2017	Normal	NSW_0908_PFAS	-	<0.05		*2.16*		**3.07**	
On Base	SW047	17 Feb 2017	Normal	NSW_0908_PFAS	-	0.04		*1.68*		**2.32**	
On Base	SW047	24 Feb 2017	Normal	NSW_0908_PFAS	-	0.05		*2.16*		**2.81**	
On Base	SW047	24 Feb 2017	Field_D	NSW_0908_PFAS	-	0.06		*2.65*		**3.42**	
On Base	SW047	24 Feb 2017	Interlab_D	NSW_0908_PFAS	-	<0.02		*1.2*		**1.48**	
On Base	SW047	03 Mar 2017	Normal	NSW_0908_PFAS	-	0.03		*1.65*		**1.93**	
On Base	SW047	10 Mar 2017	Normal	NSW_0908_PFAS	-	0.06		*1.78*		**2.57**	
On Base	SW047	17 Mar 2017	Normal	NSW_0908_PFAS	-	0.06		*3.45*		**4.57**	
On Base	SW047	22 Mar 2017	Normal	NSW_0908_PFAS	-	0.06		*1.73*		**2.71**	
On Base	SW047	31 Mar 2017	Normal	NSW_0908_PFAS	-	0.09		*4.62*		**5.62**	
On Base	SW047	07 Apr 2017	Normal	NSW_0908_PFAS	-	0.12		*3.59*		**5.33**	
On Base	SW047	05 May 2017	Normal	NSW_0908_PFAS	-	0.08		*3.28*		**4.81**	
On Base	SW047	05 May 2017	Field_D	NSW_0908_PFAS	-	0.07		*2.62*		**4.05**	
On Base	SW047	05 May 2017	Field_D	NSW_0908_PFAS	-	0.061		*1.6*		**2.53**	
On Base	SW047	02 Jun 2017	Normal	NSW_0908_PFAS	-	0.04		*1.77*		**2.78**	
On Base	SW047	21 Jul 2017	Normal	NSW_0908_PFAS	-	0.05		*2.06*		**2.98**	
On Base	SW047	12 Apr 2018	Normal	NSW_0908_PFAS	-	0.08		*4.95*		**5.83**	
On Base	SW047	07 Dec 2018	Normal	NSW_0908_PFAS	-	0.12		*6.69*		**8.11**	
On Base	SW047	09 Apr 2019	Normal	NSW_0908_PFAS	-	0.12		*9.16*		**10.79**	
On Base	SW047	09 Apr 2019	Field_D	NSW_0908_PFAS	-	0.12		*9.91*		**11.62**	
On Base	SW047	14 Jun 2019	Normal	NSW_0908_PFAS	-	0.09		*3.78*		**4.51**	
On Base	SW047	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.08		*5.12*		**6.11**	
On Base	SW047	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.05		*0.15*		**0.98**	
On Base	SW047	22 May 2020	Normal	NSW_0908_PFASOMP	-	0.04		*3.79*		**4.47**	
On Base	SW047	27 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.15		*20.6*		**22.4**	
On Base	SW047	11 May 2021	Normal	NSW_0908_PFASOMP	-	0.08		*3.23*		**4.69**	
On Base	SW047	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.14	-	*9.14*	-	**10.7**	-
On Base	SW047	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.11	-	*5.34*	-	**6.21**	-
On Base	SW047	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*3.93*	-	**4.67**	-
On Base	SW047	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.1	-	*8.42*	-	**9.36**	-
On Base	SW047	10 May 2023	Field_D	NSW_0908_PFASOMP_23	-	0.12	-	*10.8*	-	**12**	-
On Base	SW047	10 May 2023	Interlab_D	NSW_0908_PFASOMP_23	-	0.1	-	*8.5*	-	**9.7**	-
On Base	SW047	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.06	-	*3.43*	-	**4.12**	-
On Base	SW048	17 Nov 2014	Normal	NSW_0908_PFAS	-	0.07		*0.05*		**0.41**	
On Base	SW048	20 Nov 2015	Normal	NSW_0908_PFAS	-	0.039		*0.14*		**0.14**	
On Base	SW048	20 Jan 2016	Normal	NSW_0908_PFAS	-	0.02		*0.7*		**0.7**	
On Base	SW048	16 Dec 2016	Normal	NSW_0908_PFAS	-	<0.01		*0.11*		**0.52**	
On Base	SW048	12 Apr 2018	Normal	NSW_0908_PFAS	-	0.03		*0.15*		**0.83**	
On Base	SW048	07 Dec 2018	Normal	NSW_0908_PFAS	-	0.04		*0.13*		**0.84**	
On Base	SW048	14 Jun 2019	Normal	NSW_0908_PFAS	-	<0.01		*0.04*		**0.34**	
On Base	SW048	22 May 2020	Normal	NSW_0908_PFASOMP	-	0.04		*0.24*		**1**	
On Base	SW048	27 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.05		*0.29*		**1.46**	
On Base	SW048	11 May 2021	Normal	NSW_0908_PFASOMP	-	0.06		*0.22*		**1.24**	
On Base	SW048	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.06	-	*0.38*	-	**1.39**	-
On Base	SW048	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.08	New Maximum	*0.44*	-	**1.66**	New Maximum
On Base	SW048	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.05	-	*0.22*	-	**1**	-
On Base	SW048	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.07	-	*0.52*	-	**1.46**	-
On Base	SW048	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.01	-	*0.17*	-	**0.35**	-
On Base	SW048	22 Nov 2023	Field_D	NSW_0908_PFASOMP_23	-	0.06	-	*0.6*	-	**1.41**	-
On Base	SW048	22 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	-	0.05	-	*0.62*	-	**1.5**	-
On Base	SW055	23 Jun 2014	Normal	NSW_0908_PFAS	-	0.09		*0.13*		**0.61**	
On Base	SW055	25 Jun 2014	Field_D	NSW_0908_PFAS	-	0.1		*0.59*		**1.29**	
On Base	SW055	26 Jun 2014	Interlab_D	NSW_0908_PFAS	-	<0.02		<0.02		**0.27**	
On Base	SW055	26 Jun 2014	Interlab_D	NSW_0908_PFAS	-	0.16		*8.63*		**8.63**	
On Base	SW055	14 Jan 2016	Normal	NSW_0908_PFAS	-	0.247		*5.17*		**5.17**	
On Base	SW055	15 Jan 2016	Normal	NSW_0908_PFAS	-	0.093		*3.57*		**3.57**	
On Base	SW055	16 Dec 2016	Normal	NSW_0908_PFAS	-	0.13		*2.66*		**4.63**	
On Base	SW055	03 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.1*		**0.18**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.08*		**0.24**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.08*		**0.26**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.21**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.09*		**0.25**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.2**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.2**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.19**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.06*		**0.16**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.19**	
On Base	SW055	09 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.2**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.18**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.11*		**0.32**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.11*		**0.32**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.09*		**0.27**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.09*		**0.25**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.09*		**0.27**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.08*		**0.23**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.2**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.19**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.07*		**0.18**	
On Base	SW055	10 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.06*		**0.12**	
On Base	SW055	17 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.14*		**0.69**	
On Base	SW055	20 Mar 2017	Normal	NSW_0908_PFAS	-	0.02		*0.64*		**1.02**	
On Base	SW055	20 Mar 2017	Normal	NSW_0908_PFAS	-	0.02		*0.64*		**1**	
On Base	SW055	20 Mar 2017	Normal	NSW_0908_PFAS	-	0.03		*1.01*		**1.85**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	0.03		*0.91*		**1.58**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	0.02		*0.7*		**1.2**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	0.02		*0.65*		**1.03**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	0.01		*0.56*		**0.86**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	0.01		*0.53*		**0.79**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	0.01		*0.53*		**0.78**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.44*		**0.66**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.49*		**0.76**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.5*		**0.78**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.42*		**0.64**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.3*		**0.44**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.22*		**0.29**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.24*		**0.31**	
On Base	SW055	21 Mar 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.25*		**0.35**	
On Base	SW055	22 Mar 2017	Normal	NSW_0908_PFAS	-	0.02		*0.75*		**1.36**	
On Base	SW055	31 Mar 2017	Normal	NSW_0908_PFAS	-	0.01		*0.42*		**0.73**	
On Base	SW055	07 Apr 2017	Normal	NSW_0908_PFAS	-	0.03		*0.38*		**0.93**	
On Base	SW055	05 May 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.51*		**0.77**	
On Base	SW055	02 Jun 2017	Normal	NSW_0908_PFAS	-	<0.01		*0.13*		**0.21**	
On Base	SW055	21 Jul 2017	Normal	NSW_0908_PFAS	-	0.04		*1.72*		**2.51**	
On Base	SW055	12 Apr 2018	Normal	NSW_0908_PFAS	-	<0.01		*0.35*		**0.49**	
On Base	SW055	07 Dec 2018	Normal	NSW_0908_PFAS	-	0.04		*0.83*		**1.59**	
On Base	SW055	09 Apr 2019	Normal	NSW_0908_PFAS	-	0.04		*0.4*		**1.25**	
On Base	SW055	13 Jun 2019	Normal	NSW_0908_PFAS	-	0.01		*0.17*		**0.53**	
On Base	SW055	05 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.04		*0.08*		**0.92**	
On Base	SW055	22 May 2020	Normal	NSW_0908_PFASOMP	-	<0.01		*0.15*		**0.33**	
On Base	SW055	23 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.05		*0.59*		**1.47**	
On Base	SW055	05 May 2021	Normal	NSW_0908_PFASOMP	-	0.1		*2.92*		**4.3**	
On Base	SW055	11 May 2021	Normal	NSW_0908_PFASOMP	-	0.08		*3.31*		**4.43**	
On Base	SW055	25 Jun 2021	Normal	NSW_0908_PFASOMP	-	0.08		*3.54*		**4.61**	
On Base	SW055	25 Jun 2021	Field_D	NSW_0908_PFASOMP	-	0.07		*2.93*		**3.93**	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
On Base	SW055	25 Jun 2021	Interlab_D	NSW_0908_PFASOMP	-	0.056		*2.3*		**2.356**	
On Base	SW055	30 Jul 2021	Normal	NSW_0908_PFASOMP	-	0.06	-	*0.86*	-	**1.88**	-
On Base	SW055	30 Jul 2021	Field_D	NSW_0908_PFASOMP	-	0.06	-	*0.82*	-	**1.86**	-
On Base	SW055	30 Jul 2021	Interlab_D	NSW_0908_PFASOMP	-	0.046	-	*0.69*	-	**0.736**	-
On Base	SW055	20 Aug 2021	Normal	NSW_0908_PFASOMP	-	0.06	-	*0.62*	-	**1.59**	-
On Base	SW055	27 Sep 2021	Normal	NSW_0908_PFASOMP	-	0.05	-	*1.45*	-	**2.34**	-
On Base	SW055	25 Oct 2021	Normal	NSW_0908_PFASOMP	-	0.05	-	*0.63*	-	**1.43**	-
On Base	SW055	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.06	-	*2.02*	-	**2.91**	-
On Base	SW055	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*3.81*	-	**4.82**	-
On Base	SW055	19 May 2022	Field_D	NSW_0908_PFASOMP	-	0.08	-	*3.98*	-	**4.94**	-
On Base	SW055	12 Aug 2022	Normal	NSW_0908_PFASMGMT	-	0.09		*4.46*		**5.43**	
On Base	SW055	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*3.48*	-	**4.28**	-
On Base	SW055	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.05	-	*0.9*	-	**1.78**	-
On Base	SW055	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.05	-	*0.55*	-	**1.26**	-
On Base	SW108	23 Jun 2014	Normal	NSW_0908_PFAS	-	0.13		*0.25*		**0.92**	
On Base	SW108	20 Nov 2015	Normal	NSW_0908_PFAS	-	0.236		*13.4*		**13.4**	
On Base	SW108	14 Jan 2016	Normal	NSW_0908_PFAS	-	0.191		*10.6*		**10.6**	
On Base	SW108	14 Sep 2016	Normal	NSW_0908_PFAS	-	0.12		*11*		**12.2**	
On Base	SW108	16 Dec 2016	Normal	NSW_0908_PFAS	-	0.1		*8.76*		**10.2**	
On Base	SW108	16 Dec 2016	Normal	NSW_0908_PFAS	-	-		-		**10.24**	
On Base	SW108	03 Feb 2017	Normal	NSW_0908_PFAS	-	0.1		*7.97*		**8.74**	
On Base	SW108	03 Feb 2017	Field_D	NSW_0908_PFAS	-	0.11		*9.13*		**10.27**	
On Base	SW108	03 Feb 2017	Field_D	NSW_0908_PFAS	-	-		-		**10.3**	
On Base	SW108	10 Feb 2017	Normal	NSW_0908_PFAS	-	0.12		*4.85*		**6.28**	
On Base	SW108	10 Feb 2017	Field_D	NSW_0908_PFAS	-	0.1		*4.55*		**5.93**	
On Base	SW108	10 Feb 2017	Interlab_D	NSW_0908_PFAS	-	-		-		**3.91**	
On Base	SW108	17 Feb 2017	Normal	NSW_0908_PFAS	-	0.11		*6.28*		**7.68**	
On Base	SW108	24 Feb 2017	Normal	NSW_0908_PFAS	-	0.09		*3.23*		**4.43**	
On Base	SW108	03 Mar 2017	Normal	NSW_0908_PFAS	-	0.07		*2.8*		**3.7**	
On Base	SW108	10 Mar 2017	Normal	NSW_0908_PFAS	-	0.08		*4.01*		**4.9**	
On Base	SW108	17 Mar 2017	Normal	NSW_0908_PFAS	-	0.06		*3.67*		**4.75**	
On Base	SW108	23 Mar 2017	Normal	NSW_0908_PFAS	-	0.06		*2.38*		**3.24**	
On Base	SW108	31 Mar 2017	Normal	NSW_0908_PFAS	-	0.06		*3.28*		**4.17**	
On Base	SW108	07 Apr 2017	Normal	NSW_0908_PFAS	-	0.08		*3.14*		**4.31**	
On Base	SW108	07 Apr 2017	Field_D	NSW_0908_PFAS	-	0.08		*3.42*		**4.63**	
On Base	SW108	07 Apr 2017	Interlab_D	NSW_0908_PFAS	-	0.054		*2.6*		**3.37**	
On Base	SW108	05 May 2017	Normal	NSW_0908_PFAS	-	0.08		*4.64*		**6.18**	
On Base	SW108	02 Jun 2017	Normal	NSW_0908_PFAS	-	0.07		*3.47*		**4.53**	
On Base	SW108	21 Jul 2017	Normal	NSW_0908_PFAS	-	0.07		*5.29*		**6.28**	
On Base	SW108	12 Apr 2018	Normal	NSW_0908_PFAS	-	0.09		*4.8*		**5.72**	
On Base	SW108	07 Dec 2018	Normal	NSW_0908_PFAS	-	0.1		*4.85*		**5.77**	
On Base	SW108	14 Jun 2019	Normal	NSW_0908_PFAS	-	0.07		*4.11*		**4.91**	
On Base	SW108	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.1		*4.48*		**5.76**	
On Base	SW108	22 May 2020	Normal	NSW_0908_PFASOMP	-	0.08		*5.8*		**6.72**	
On Base	SW108	27 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.16		*8.73*		**10.7**	
On Base	SW108	11 May 2021	Normal	NSW_0908_PFASOMP	-	0.1		*6.34*		**7.48**	
On Base	SW108	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.09	-	*4.73*	-	**5.76**	-
On Base	SW108	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.09	-	*7.71*	-	**8.6**	-
On Base	SW108	19 May 2022	Field_D	NSW_0908_PFASOMP	-	0.08	-	*6.98*	-	**7.77**	-
On Base	SW108	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.1	-	*4.48*	-	**5.48**	-
On Base	SW108	10 Nov 2022	Field_D	NSW_0908_PFASOMP	-	0.08	-	*4*	-	**5.13**	-
On Base	SW108	10 Nov 2022	Interlab_D	NSW_0908_PFASOMP	-	0.08	-	*4.2*	-	**5.2**	-
On Base	SW108	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.11	-	*10.6*	-	**11.7**	-
On Base	SW108	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.08	-	*5.54*	-	**6.37**	-
On Base	SW110	16 Dec 2016	Normal	NSW_0908_PFAS	-	0.1		*9.46*		**10.89**	
On Base	SW110	16 Dec 2016	Normal	NSW_0908_PFAS	-	-		-		**10.9**	
On Base	SW110	16 Dec 2016	Field_D	NSW_0908_PFAS	-	0.12		*9.82*		**11.4**	
On Base	SW110	16 Dec 2016	Interlab_D	NSW_0908_PFAS	-	0.087		*14*		**15.2**	
On Base	SW110	12 Apr 2018	Normal	NSW_0908_PFAS	-	0.08		*3.46*		**4.27**	
On Base	SW110	07 Dec 2018	Normal	NSW_0908_PFAS	-	0.1		*5.41*		**6.32**	
On Base	SW110	14 Jun 2019	Normal	NSW_0908_PFAS	-	0.05		*1.64*		**2.24**	
On Base	SW110	14 Jun 2019	Field_D	NSW_0908_PFAS	-	0.06		*1.9*		**2.68**	
On Base	SW110	14 Jun 2019	Interlab_D	NSW_0908_PFAS	-	0.057		*1.7*		**2.42**	
On Base	SW110	06 Nov 2019	Normal	NSW_0908_PFASOMP	-	0.09		*3.39*		**4.43**	
On Base	SW110	22 May 2020	Normal	NSW_0908_PFASOMP	-	0.08		*4.42*		**5.42**	
On Base	SW110	27 Nov 2020	Normal	NSW_0908_PFASOMP	-	0.16		*12.3*		**14.3**	
On Base	SW110	11 May 2021	Normal	NSW_0908_PFASOMP	-	0.1		*5.24*		**6.34**	
On Base	SW110	16 Nov 2021	Normal	NSW_0908_PFASOMP	-	0.09	-	*5.96*	-	**6.92**	-
On Base	SW110	19 May 2022	Normal	NSW_0908_PFASOMP	-	0.08	-	*5.33*	-	**6.19**	-
On Base	SW110	10 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.09	-	*5.41*	-	**6.49**	-
On Base	SW110	10 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.11	-	*8.55*	-	**9.68**	-
On Base	SW110	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.11	-	*7.61*	-	**8.74**	-
Primary Management Zone	SW060	17 Jun 2014	Normal	NSW_0908_PFAS	Region 3	**0.61**		*0.36*		**4.56**	
Primary Management Zone	SW060	14 Jan 2016	Normal	NSW_0908_PFAS	Region 3	**0.589**		*10.3*		**15.72**	
Primary Management Zone	SW060	14 Jan 2016	Field_D	NSW_0908_PFAS	Region 3	0.212		*8.98*		**8.98**	
Primary Management Zone	SW060	14 Dec 2016	Normal	NSW_0908_PFAS	Region 3	**0.74**		*7.82*		**18.1**	
Primary Management Zone	SW060	14 Dec 2016	Normal	NSW_0908_PFAS	Region 3	-		-		**18.12**	
Primary Management Zone	SW060	02 Feb 2017	Normal	NSW_0908_PFAS	Region 3	0.43		*14.2*		**18.38**	
Primary Management Zone	SW060	02 Feb 2017	Normal	NSW_0908_PFAS	Region 3	-		-		**18.4**	
Primary Management Zone	SW060	03 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.05		*1.55*		**2.55**	
Primary Management Zone	SW060	09 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.42		*9.07*		**16.48**	
Primary Management Zone	SW060	09 Mar 2017	Normal	NSW_0908_PFAS	Region 3	-		-		**16.5**	
Primary Management Zone	SW060	16 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.28		*5.48*		**12.26**	
Primary Management Zone	SW060	16 Mar 2017	Normal	NSW_0908_PFAS	Region 3	-		-		**12.3**	
Primary Management Zone	SW060	23 Mar 2017	Normal	NSW_0908_PFAS	Region 3	**0.68**		*11.9*		**25.9**	
Primary Management Zone	SW060	31 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.34		*6.72*		**13.2**	
Primary Management Zone	SW060	31 Mar 2017	Normal	NSW_0908_PFAS	Region 3	-		-		**13.24**	
Primary Management Zone	SW060	05 Apr 2017	Normal	NSW_0908_PFAS	Region 3	**0.64**		*9.5*		**20.9**	
Primary Management Zone	SW060	04 May 2017	Normal	NSW_0908_PFAS	Region 3	**2.34**		*35.3*		**75.2**	
Primary Management Zone	SW060	01 Jun 2017	Normal	NSW_0908_PFAS	Region 3	**1.87**		*20*		**48**	
Primary Management Zone	SW060	20 Jul 2017	Normal	NSW_0908_PFAS	Region 3	**0.93**		*31.8*		**51.6**	
Primary Management Zone	SW060	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	**0.61**		*12.2*		**22.9**	
Primary Management Zone	SW060	06 Dec 2018	Normal	NSW_0908_PFAS	Region 3	**1.43**		*30.7*		**53.1**	
Primary Management Zone	SW060	13 Jun 2019	Normal	NSW_0908_PFAS	Region 3	0.4		*4.78*		**11.87**	
Primary Management Zone	SW060	13 Jun 2019	Normal	NSW_0908_PFAS	Region 3	-		-		**11.9**	
Primary Management Zone	SW060	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 3	**0.64**		*12.5*		**22.9**	
Primary Management Zone	SW060	04 Jun 2020	Normal	NSW_0908_PFASOMP	Region 3	**0.88**		*8.48*		**19.3**	
Primary Management Zone	SW060	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 3	**1.19**		*26.4*		**43.2**	
Primary Management Zone	SW060	18 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.56		*13.9*		**24.3**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.5		*9.76*		**17.7**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.36		*5.83*		**11.5**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.37		*7.23*		**14.2**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.4		*6.55*		**13.4**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.44		*8.35*		**15.9**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.49		*9.66*		**17.7**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.48		*7.98*		**16.2**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.46		*8.31*		**16.2**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.52		*10.8*		**21.1**	
Primary Management Zone	SW060	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.45		*9.05*		**18.1**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.44		*8.99*		**18.7**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.42		*8.62*		**18.2**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.52		*11.7*		**20**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	**1.08**		*17.9*		**35.8**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	**0.81**		*14.2*		**28.8**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	**0.69**		*12.7*		**24.3**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.54		*9.08*		**17.4**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.41		*7.38*		**14.2**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.48		*7.21*		**15.6**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.32		*7.66*		**14**	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.29		*6.17*		**11.7**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.36		*7.37*		**14.3**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.4		*8.38*		**16.1**	
Primary Management Zone	SW060	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.41		*8.58*		**16**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.32		*7.59*		**12.3**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.26		*6.81*		**11.1**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.25		*6.2*		**10.1**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.29		*6.5*		**10.8**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.3		*6.72*		**11.1**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.34		*7.64*		**12.9**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.37		*8.6*		**14**	
Primary Management Zone	SW060	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.42		*9.34*		**15.6**	
Primary Management Zone	SW060	28 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.3		*7.4*		**11.9**	
Primary Management Zone	SW060	28 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.2		*4.3*		**4.5**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.52		*12.1*		**19.6**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.48		*10.2*		**16.9**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.5		*12*		**19.4**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.51		*12.8*		**20.3**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.52		*12.7*		**20.2**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.57**		*15.2*		**23.3**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.51		*12.3*		**19.6**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.6**		*14.5*		**22.4**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.5		*13.4*		**20.1**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.52		*12.7*		**20.4**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.49		*12.2*		**19**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.52		*12.2*		**19**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.48		*10.6*		**17**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.53		*13.1*		**20.3**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.56		*12.6*		**21.9**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.44		*8.18*		**14.9**	
Primary Management Zone	SW060	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.36		*9.16*		**14.8**	
Primary Management Zone	SW060	29 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.5		*12.8*		**20**	
Primary Management Zone	SW060	19 Feb 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.95**		*18.7*		**29.1**	
Primary Management Zone	SW060	26 Mar 2021	Normal	NSW_0908_PFASOMP	Region 3	0.12		*4.26*		**5.84**	
Primary Management Zone	SW060	26 Mar 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.12		*4.28*		**5.86**	
Primary Management Zone	SW060	26 Mar 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.086		*2.8*		**2.886**	
Primary Management Zone	SW060	23 Apr 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.62**		*12*		**20.8**	
Primary Management Zone	SW060	11 May 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.59**		*10.7*		**16.8**	
Primary Management Zone	SW060	25 Jun 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.79**		*14.9*		**23**	
Primary Management Zone	SW060	30 Jul 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.69**	-	*15.3*	-	**22.2**	-
Primary Management Zone	SW060	20 Aug 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.81**	-	*10.5*	-	**14.7**	-
Primary Management Zone	SW060	27 Sep 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.66**	-	*13*	-	**21.3**	-
Primary Management Zone	SW060	25 Oct 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.85**	-	*16.3*	-	**24.7**	-
Primary Management Zone	SW060	15 Nov 2021	Normal	NSW_0908_PFASOMP	Region 3	**0.62**	-	*13.4*	-	**21.4**	-
Primary Management Zone	SW060	18 May 2022	Normal	NSW_0908_PFASOMP	Region 3	0.31	-	*7.21*	-	**11.1**	-
Primary Management Zone	SW060	09 Nov 2022	Normal	NSW_0908_PFASOMP	Region 3	**0.6**	-	*16.3*	-	**23.2**	-
Primary Management Zone	SW060	09 Nov 2022	Field_D	NSW_0908_PFASOMP	Region 3	**0.62**	-	*16.1*	-	**23.2**	-
Primary Management Zone	SW060	09 Nov 2022	Interlab_D	NSW_0908_PFASOMP	Region 3	**0.57**	-	*16*	-	**22**	-
Primary Management Zone	SW060	11 May 2023	Normal	NSW_0908_PFASOMP_23	Region 3	**0.79**	-	*15*	-	**28.4**	-
Primary Management Zone	SW060	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 3	0.09	-	*1.2*	-	**3.16**	-
Secondary Management Zone	SW001	18 Jun 2014	Normal	NSW_0908_PFAS	Region 1	0.06		*0.82*		**1.38**	
Secondary Management Zone	SW001	18 Jun 2014	Field_D	NSW_0908_PFAS	Region 1	0.06		*0.73*		**1.25**	
Secondary Management Zone	SW001	26 Jun 2014	Interlab_D	NSW_0908_PFAS	Region 1	0.13		*5.26*		**5.26**	
Secondary Management Zone	SW001	13 Jan 2016	Normal	NSW_0908_PFAS	Region 1	0.109		*2.52*		**2.52**	
Secondary Management Zone	SW001	15 Jan 2016	Normal	NSW_0908_PFAS	Region 1	0.039		*1.42*		**1.42**	
Secondary Management Zone	SW001	14 Dec 2016	Normal	NSW_0908_PFAS	Region 1	0.11		*4.3*		**5.43**	
Secondary Management Zone	SW001	14 Dec 2016	Field_D	NSW_0908_PFAS	Region 1	0.1		*5.2*		**6.42**	
Secondary Management Zone	SW001	14 Dec 2016	Interlab_D	NSW_0908_PFAS	Region 1	0.098		*5.5*		**11.8**	
Secondary Management Zone	SW001	02 Feb 2017	Normal	NSW_0908_PFAS	Region 1	0.08		*3.06*		**3.65**	
Secondary Management Zone	SW001	09 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		*0.44*		**0.6**	
Secondary Management Zone	SW001	16 Feb 2017	Normal	NSW_0908_PFAS	Region 1	0.17		*6.12*		**7.62**	
Secondary Management Zone	SW001	24 Feb 2017	Normal	NSW_0908_PFAS	Region 1	0.11		*3.76*		**4.67**	
Secondary Management Zone	SW001	02 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*<0.01*		<0.01	
Secondary Management Zone	SW001	02 Mar 2017	Field_D	NSW_0908_PFAS	Region 1	<0.01		*0.14*		**0.21**	
Secondary Management Zone	SW001	02 Mar 2017	Interlab_D	NSW_0908_PFAS	Region 1	<0.02		*0.16*		**0.244**	
Secondary Management Zone	SW001	09 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.02		*0.3*		**0.53**	
Secondary Management Zone	SW001	16 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.1*		**0.12**	
Secondary Management Zone	SW001	23 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.02		*1.11*		**1.45**	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.04*		0.06	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.03*		0.03	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.03*		0.03	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.04*		0.04	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.05*		0.07	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.09*		**0.11**	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.04*		0.04	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.04*		0.04	
Secondary Management Zone	SW001	24 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.03*		0.03	
Secondary Management Zone	SW001	31 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.02		*1.06*		**1.51**	
Secondary Management Zone	SW001	31 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.33*		**0.47**	
Secondary Management Zone	SW001	01 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.28*		**0.37**	
Secondary Management Zone	SW001	01 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.27*		**0.34**	
Secondary Management Zone	SW001	01 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.23*		**0.29**	
Secondary Management Zone	SW001	01 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.22*		**0.28**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.02		*0.68*		**1.02**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.02		*0.84*		**1.14**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.01		*0.37*		**0.49**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.29*		**0.39**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.16*		**0.21**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.05*		0.05	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.05*		0.05	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.02		*0.08*		**0.08**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.09*		**0.11**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.11*		**0.13**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.03		*0.72*		**0.98**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*1.05*		**1.59**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.8*		**1.07**	
Secondary Management Zone	SW001	04 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.39*		**0.49**	
Secondary Management Zone	SW001	05 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.03		*0.8*		**1.18**	
Secondary Management Zone	SW001	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.03		*4.31*		**5.44**	
Secondary Management Zone	SW001	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.11*		**0.13**	
Secondary Management Zone	SW001	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.12*		**0.15**	
Secondary Management Zone	SW001	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.17*		**0.21**	
Secondary Management Zone	SW001	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.18*		**0.23**	
Secondary Management Zone	SW001	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.22*		**0.29**	
Secondary Management Zone	SW001	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.21*		**0.28**	
Secondary Management Zone	SW001	04 May 2017	Normal	NSW_0908_PFAS	Region 1	0.11		*4.35*		**6.94**	
Secondary Management Zone	SW001	01 Jun 2017	Normal	NSW_0908_PFAS	Region 1	0.07		*2.23*		**3.48**	
Secondary Management Zone	SW001	20 Jul 2017	Normal	NSW_0908_PFAS	Region 1	0.11		*3.71*		**6.15**	
Secondary Management Zone	SW001	12 Apr 2018	Normal	NSW_0908_PFAS	Region 1	0.06		*3.14*		**3.69**	
Secondary Management Zone	SW001	06 Dec 2018	Normal	NSW_0908_PFAS	Region 1	0.07		*2.92*		**3.6**	
Secondary Management Zone	SW001	09 Apr 2019	Normal	NSW_0908_PFAS	Region 1	0.12		*4.83*		**6.08**	
Secondary Management Zone	SW001	14 Jun 2019	Normal	NSW_0908_PFAS	Region 1	0.03		*2.45*		**2.83**	
Secondary Management Zone	SW001	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.08*		**0.08**	
Secondary Management Zone	SW001	02 Jun 2020	Normal	NSW_0908_PFASOMP	Region 1	0.04		*2.24*		**2.72**	
Secondary Management Zone	SW001	27 Oct 2020	Normal	NSW_0908_PFASMGMT	Region 1	<0.04		*0.49*		**0.69**	
Secondary Management Zone	SW001	28 Oct 2020	Normal	NSW_0908_PFASMGMT	Region 1	<0.05		*0.66*		**0.89**	
Secondary Management Zone	SW001	28 Oct 2020	Field_D	NSW_0908_PFASMGMT	Region 1	<0.05		*0.6*		**0.85**	
Secondary Management Zone	SW001	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 1	0.13		*5.3*		**6.97**	
Secondary Management Zone	SW001	20 Nov 2020	Field_D	NSW_0908_PFASOMP	Region 1	0.12		*6.86*		**8.54**	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Secondary Management Zone	SW001	20 Nov 2020	Interlab_D	NSW_0908_PFASOMP	Region 1	0.06		*2.6*		**2.66**	
Secondary Management Zone	SW001	18 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.85*		**2.24**	
Secondary Management Zone	SW001	18 Dec 2020	Field_D	NSW_0908_PFASOMP	Region 1	0.03		*1.89*		**2.31**	
Secondary Management Zone	SW001	18 Dec 2020	Interlab_D	NSW_0908_PFASOMP	Region 1	0.03		*1.8*		**1.83**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.81*		**1.01**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.45*		**0.54**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.39*		**0.48**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.49*		**0.63**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.69*		**0.85**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.57*		**0.71**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.62*		**0.76**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.59*		**0.72**	
Secondary Management Zone	SW001	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.44*		**0.54**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.45*		**0.54**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.27*		**0.33**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.36*		**0.46**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.46*		**0.6**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.62*		**0.8**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.79*		**1.04**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.04*		**1.35**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.17*		**1.49**	
Secondary Management Zone	SW001	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.09*		**1.43**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.96*		**1.24**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.94*		**1.24**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.48*		**0.61**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.38*		**0.48**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.43*		**0.55**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.38*		**0.48**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.43*		**0.55**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.35*		**0.45**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.43*		**0.57**	
Secondary Management Zone	SW001	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.52*		**0.66**	
Secondary Management Zone	SW001	28 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.02		*0.89*		**1.17**	
Secondary Management Zone	SW001	28 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 1	0.019		*0.91*		**0.929**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.03*		**1.32**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.64*		**0.83**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.68*		**0.89**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.76*		**1.03**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.94*		**1.24**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.94*		**1.26**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.03*		**1.35**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.49*		**1.94**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.28*		**1.64**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.45*		**1.89**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.49*		**1.89**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.05*		**1.35**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.04*		**1.35**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.06*		**1.35**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.84*		**1.07**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.84*		**1.08**	
Secondary Management Zone	SW001	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.9*		**1.17**	
Secondary Management Zone	SW001	19 Feb 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.76*		**0.92**	
Secondary Management Zone	SW001	26 Mar 2021	Normal	NSW_0908_PFASOMP	Region 1	0.04		*1.64*		**2.11**	
Secondary Management Zone	SW001	23 Apr 2021	Normal	NSW_0908_PFASOMP	Region 1	0.05		*2.02*		**2.63**	
Secondary Management Zone	SW001	11 May 2021	Normal	NSW_0908_PFASOMP	Region 1	0.09		*3.93*		**5.09**	
Secondary Management Zone	SW001	25 Jun 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.31*		**1.68**	
Secondary Management Zone	SW001	09 Jul 2021	Normal	NSW_0908_PFASMGMT	Region 1	0.02		*1*		**1.22**	
Secondary Management Zone	SW001	30 Jul 2021	Normal	NSW_0908_PFASOMP	Region 1	0.07	-	*5.57*	-	**6.29**	-
Secondary Management Zone	SW001	20 Aug 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06	-	*2.75*	-	**3.27**	-
Secondary Management Zone	SW001	27 Sep 2021	Normal	NSW_0908_PFASOMP	Region 1	0.04	-	*2.21*	-	**2.69**	-
Secondary Management Zone	SW001	25 Oct 2021	Normal	NSW_0908_PFASOMP	Region 1	0.05	-	*2.63*	-	**3.1**	-
Secondary Management Zone	SW001	19 Nov 2021	Normal	NSW_0908_PFASOMP	Region 1	0.04	-	*2.18*	-	**2.63**	-
Secondary Management Zone	SW001	19 Nov 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.05	-	*2.3*	-	**2.83**	-
Secondary Management Zone	SW001	18 May 2022	Normal	NSW_0908_PFASOMP	Region 1	0.03	-	*1.65*	-	**2.02**	-
Secondary Management Zone	SW001	13 Jul 2022	Normal	NSW_0908_PFASMGMT	Region 1	0.01		*0.59*		**0.69**	
Secondary Management Zone	SW001	13 Jul 2022	Field_D	NSW_0908_PFASMGMT	Region 1	0.01		*0.63*		**0.74**	
Secondary Management Zone	SW001	11 Aug 2022	Normal	NSW_0908_PFASMGMT	Region 1	0.01		*0.83*		**0.98**	
Secondary Management Zone	SW001	11 Aug 2022	Normal	NSW_0908_PFASMGMT	Region 1	-		-		**1.04**	
Secondary Management Zone	SW001	11 Aug 2022	Normal	NSW_0908_PFASMGMT	Region 1	0.01		*0.76*		**0.92**	
Secondary Management Zone	SW001	11 Aug 2022	Normal	NSW_0908_PFASMGMT	Region 1	-		-		**0.96**	
Secondary Management Zone	SW001	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 1	0.03	-	*1.46*	-	**1.8**	-
Secondary Management Zone	SW001	08 May 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.04	-	*2.16*	-	**2.57**	-
Secondary Management Zone	SW001	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.02	-	*1.16*	-	**1.4**	-
Secondary Management Zone	SW006	23 Jun 2014	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.04*		**0.13**	
Secondary Management Zone	SW006	13 Jan 2016	Normal	NSW_0908_PFAS	Region 1	0.007		*0.352*		**0.352**	
Secondary Management Zone	SW006	15 Jan 2016	Normal	NSW_0908_PFAS	Region 1	0.008		*0.112*		**0.112**	
Secondary Management Zone	SW006	16 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.03*		0.03	
Secondary Management Zone	SW006	17 Mar 2017	Field_D	NSW_0908_PFAS	Region 1	<0.05		*0.36*		**0.6**	
Secondary Management Zone	SW006	23 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.03*		0.03	
Secondary Management Zone	SW006	23 Mar 2017	Field_D	NSW_0908_PFAS	Region 1	<0.01		*0.03*		0.03	
Secondary Management Zone	SW006	23 Mar 2017	Interlab_D	NSW_0908_PFAS	Region 1	<0.02		*0.02*		0.02	
Secondary Management Zone	SW006	31 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.03*		0.03	
Secondary Management Zone	SW006	05 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.01		*0.07*		**0.16**	
Secondary Management Zone	SW006	04 May 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.09*		**0.17**	
Secondary Management Zone	SW006	01 Jun 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.13*		**0.35**	
Secondary Management Zone	SW006	20 Jul 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.11*		**0.17**	
Secondary Management Zone	SW006	12 Apr 2018	Normal	NSW_0908_PFAS	Region 1	0.02		*0.26*		**0.42**	
Secondary Management Zone	SW006	06 Dec 2018	Normal	NSW_0908_PFAS	Region 1	0.02		*0.83*		**1.09**	
Secondary Management Zone	SW006	14 Jun 2019	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.44*		**0.57**	
Secondary Management Zone	SW006	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.11*		**0.43**	
Secondary Management Zone	SW006	02 Jun 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*2.7*		**3.15**	
Secondary Management Zone	SW006	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 1	0.1		*8.81*		**9.98**	
Secondary Management Zone	SW006	11 May 2021	Normal	NSW_0908_PFASOMP	Region 1	0.16		*14.3*		**15.9**	
Secondary Management Zone	SW006	17 Nov 2021	Normal	NSW_0908_PFASOMP	Region 1	0.14	-	*12*	-	**13.5**	-
Secondary Management Zone	SW006	18 May 2022	Normal	NSW_0908_PFASOMP	Region 1	0.12	-	*18.8*	New Maximum	**19.8**	New Maximum
Secondary Management Zone	SW006	13 Jul 2022	Normal	NSW_0908_PFASMGMT	Region 1	0.05		*4.04*		**4.51**	
Secondary Management Zone	SW006	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 1	0.07	-	*9.92*	-	**10.6**	-
Secondary Management Zone	SW006	08 May 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.07	-	*6.13*	-	**6.77**	-
Secondary Management Zone	SW007	13 Jan 2016	Normal	NSW_0908_PFAS	Region 1	0.029		*0.852*		**0.852**	
Secondary Management Zone	SW007	15 Jan 2016	Normal	NSW_0908_PFAS	Region 1	0.017		*0.299*		**0.299**	
Secondary Management Zone	SW007	14 Dec 2016	Normal	NSW_0908_PFAS	Region 1	0.01		*0.98*		**1.34**	
Secondary Management Zone	SW007	02 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*1.26*		**1.48**	
Secondary Management Zone	SW007	09 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.23*		**0.29**	
Secondary Management Zone	SW007	16 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		*1.14*		**1.4**	
Secondary Management Zone	SW007	02 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.57*		**0.95**	
Secondary Management Zone	SW007	09 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.01		*0.81*		**1.08**	
Secondary Management Zone	SW007	16 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*1.12*		**1.56**	
Secondary Management Zone	SW007	23 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.07		*8.11*		**8.84**	
Secondary Management Zone	SW007	31 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.01		*0.79*		**1.03**	
Secondary Management Zone	SW007	05 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.18		*11.8*		**14.7**	
Secondary Management Zone	SW007	05 Apr 2017	Normal	NSW_0908_PFAS	Region 1	-		-		**14.71**	
Secondary Management Zone	SW007	04 May 2017	Normal	NSW_0908_PFAS	Region 1	0.34		*20.2*		**24.7**	
Secondary Management Zone	SW007	01 Jun 2017	Normal	NSW_0908_PFAS	Region 1	0.25		*3.06*		**6.12**	
Secondary Management Zone	SW007	20 Jul 2017	Normal	NSW_0908_PFAS	Region 1	0.21		*31.4*		**36.19**	
Secondary Management Zone	SW007	20 Jul 2017	Normal	NSW_0908_PFAS	Region 1	-		-		**36.2**	
Secondary Management Zone	SW007	12 Apr 2018	Normal	NSW_0908_PFAS	Region 1	0.09		*2.64*		**3.65**	
Secondary Management Zone	SW007	12 Apr 2018	Field_D	NSW_0908_PFAS	Region 1	0.09		*2.8*		**3.83**	
Secondary Management Zone	SW007	12 Apr 2018	Interlab_D	NSW_0908_PFAS	Region 1	0.067		*2.6*		**3.56**	
Secondary Management Zone	SW007	06 Dec 2018	Normal	NSW_0908_PFAS	Region 1	0.11		*7.34*		**8.69**	
Secondary Management Zone	SW007	14 Jun 2019	Normal	NSW_0908_PFAS	Region 1	<0.01		*2.67*		**2.99**	
Secondary Management Zone	SW007	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 1	0.06		*4.92*		**5.34**	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Secondary Management Zone	SW007	02 Jun 2020	Normal	NSW_0908_PFASOMP	Region 1	0.44		*23.3*		**27**	
Secondary Management Zone	SW007	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 1	0.26		*19.9*		**22**	
Secondary Management Zone	SW007	18 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.06		*5.06*		**5.5**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.04		*4.62*		**4.87**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.04		*4.1*		**4.35**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.04		*3.73*		**4**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.96*		**2.08**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*1.43*		**1.53**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*1.43*		**1.53**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.7*		**1.84**	
Secondary Management Zone	SW007	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*2.09*		**2.29**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.03		*2.62*		**2.85**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*2.24*		**2.45**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.9*		**2.06**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.65*		**1.77**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*1.28*		**1.38**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*1.22*		**1.32**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.01		*1.43*		**1.56**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.74*		**1.9**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*2.37*		**2.6**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.03		*2.74*		**3**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.04		*2.94*		**3.26**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.04		*3.37*		**3.73**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.05		*3.66*		**4.08**	
Secondary Management Zone	SW007	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.06		*4.76*		**5.29**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.1		*7.3*		**8.16**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.13		*9.76*		**11.1**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.12		*9.88*		**11.1**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.12		*10.2*		**11.3**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.1		*8.36*		**9.25**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.08		*6.9*		**7.57**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06		*6.07*		**6.61**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.07		*5.58*		**6.17**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06		*5.83*		**6.43**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06		*5.52*		**6.05**	
Secondary Management Zone	SW007	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.04		*4.13*		**4.57**	
Secondary Management Zone	SW007	29 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.11		*9.64*		**10.8**	
Secondary Management Zone	SW007	29 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 1	0.094		*7.2*		**7.294**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06		*5.13*		**5.74**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06		*6.23*		**6.9**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.07		*6.14*		**6.86**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.09		*7.16*		**8.02**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.09		*6.78*		**7.63**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.09		*7.36*		**8.31**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.09		*7.7*		**8.58**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.09		*7.49*		**8.36**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.1		*7.66*		**8.61**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.1		*8.38*		**9.38**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.12		*8.56*		**9.67**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.1		*8.43*		**9.45**	
Secondary Management Zone	SW007	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.11		*8.6*		**9.73**	
Secondary Management Zone	SW007	19 Feb 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03		*3.07*		**3.29**	
Secondary Management Zone	SW007	26 Mar 2021	Normal	NSW_0908_PFASOMP	Region 1	0.12		*9.48*		**10.8**	
Secondary Management Zone	SW007	23 Apr 2021	Normal	NSW_0908_PFASOMP	Region 1	0.16		*10.3*		**11.9**	
Secondary Management Zone	SW007	11 May 2021	Normal	NSW_0908_PFASOMP	Region 1	0.15		*10.3*		**11.8**	
Secondary Management Zone	SW007	25 Jun 2021	Normal	NSW_0908_PFASOMP	Region 1	0.15		*15.7*		**17.2**	
Secondary Management Zone	SW007	30 Jul 2021	Normal	NSW_0908_PFASOMP	Region 1	0.2	-	*18.2*	-	**20**	-
Secondary Management Zone	SW007	20 Aug 2021	Normal	NSW_0908_PFASOMP	Region 1	0.13	-	*11.9*	-	**13**	-
Secondary Management Zone	SW007	27 Sep 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06	-	*6.82*	-	**7.4**	-
Secondary Management Zone	SW007	27 Sep 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.06	-	*6.71*	-	**7.26**	-
Secondary Management Zone	SW007	27 Sep 2021	Interlab_D	NSW_0908_PFASOMP	Region 1	0.057	-	*6.1*	-	**6.157**	-
Secondary Management Zone	SW007	25 Oct 2021	Normal	NSW_0908_PFASOMP	Region 1	0.07	-	*12.4*	-	**13**	-
Secondary Management Zone	SW007	25 Oct 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.07	-	*11.7*	-	**12.3**	-
Secondary Management Zone	SW007	25 Oct 2021	Interlab_D	NSW_0908_PFASOMP	Region 1	0.09	-	*15*	-	**16**	-
Secondary Management Zone	SW007	16 Nov 2021	Normal	NSW_0908_PFASOMP	Region 1	0.16	-	*12.8*	-	**14.3**	-
Secondary Management Zone	SW007	16 Nov 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.16	-	*10.5*	-	**11.8**	-
Secondary Management Zone	SW007	18 May 2022	Normal	NSW_0908_PFASOMP	Region 1	0.11	-	*11.2*	-	**12.2**	-
Secondary Management Zone	SW007	13 Jul 2022	Normal	NSW_0908_PFASMGMT	Region 1	0.07		*6.32*		**6.97**	
Secondary Management Zone	SW007	12 Aug 2022	Normal	NSW_0908_PFASMGMT	Region 1	0.06		*7.43*		**8.23**	
Secondary Management Zone	SW007	12 Aug 2022	Field_D	NSW_0908_PFASMGMT	Region 1	0.07		*7.24*		**8.09**	
Secondary Management Zone	SW007	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 1	0.11	-	*13.9*	-	**14.8**	-
Secondary Management Zone	SW007	08 May 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.07	-	*7.27*	-	**7.93**	-
Secondary Management Zone	SW007	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 1	<0.01	-	*0.47*	-	**0.53**	-
Secondary Management Zone	SW009	28 Jan 2016	Normal	NSW_0908_PFAS	Region 1	0.06		*2.2*		**2.2**	
Secondary Management Zone	SW009	14 Dec 2016	Normal	NSW_0908_PFAS	Region 1	0.11		*3.84*		**5.94**	
Secondary Management Zone	SW009	23 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.02		*0.91*		**1.09**	
Secondary Management Zone	SW009	01 May 2018	Normal	NSW_0908_PFAS	Region 1	0.05		*1.26*		**1.82**	
Secondary Management Zone	SW009	07 Dec 2018	Normal	NSW_0908_PFAS	Region 1	0.07		*2.2*		**3.21**	
Secondary Management Zone	SW009	13 Jun 2019	Normal	NSW_0908_PFAS	Region 1	0.03		*0.69*		**1.35**	
Secondary Management Zone	SW009	06 Nov 2019	Normal	NSW_0908_PFASOMP	Region 1	0.05		*2.68*		**3.3**	
Secondary Management Zone	SW009	24 Jun 2020	Normal	NSW_0908_PFASOMP	Region 1	0.08		*2.22*		**3.42**	
Secondary Management Zone	SW009	04 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.07		*4.09*		**5.02**	
Secondary Management Zone	SW009	11 May 2021	Normal	NSW_0908_PFASOMP	Region 1	0.08		*4.72*		**5.77**	
Secondary Management Zone	SW009	17 Nov 2021	Normal	NSW_0908_PFASOMP	Region 1	0.06	-	*2.23*	-	**3.02**	-
Secondary Management Zone	SW009	17 May 2022	Normal	NSW_0908_PFASOMP	Region 1	0.08	-	*7.95*	New Maximum	**8.77**	New Maximum
Secondary Management Zone	SW009	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 1	0.05	-	*2.45*	-	**3.03**	-
Secondary Management Zone	SW009	08 May 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.08	-	*4.36*	-	**5.19**	-
Secondary Management Zone	SW009	08 May 2023	Field_D	NSW_0908_PFASOMP_23	Region 1	0.07	-	*4.38*	-	**5.31**	-
Secondary Management Zone	SW009	08 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Region 1	0.06	-	*3.9*	-	**4.9**	-
Secondary Management Zone	SW009	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.05	-	*0.96*	-	**1.54**	-
Secondary Management Zone	SW009	28 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Region 1	0.05	-	*0.96*	-	**1.58**	-
Secondary Management Zone	SW009	28 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Region 1	0.05	-	*0.9*	-	**1.6**	-
Secondary Management Zone	SW011	12 Feb 2016	Normal	NSW_0908_PFAS	Region 1	0.06		*1.38*		**2.78**	
Secondary Management Zone	SW011	12 Feb 2016	Field_D	NSW_0908_PFAS	Region 1	0.05		*1.34*		**2.72**	
Secondary Management Zone	SW011	23 Mar 2017	Normal	NSW_0908_PFAS	Region 1	0.04		*1.17*		**1.71**	
Secondary Management Zone	SW011	07 Dec 2018	Normal	NSW_0908_PFAS	Region 1	0.03		*0.82*		**1.25**	
Secondary Management Zone	SW011	13 Jun 2019	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.26*		**0.54**	
Secondary Management Zone	SW011	06 Oct 2019	Normal	NSW_0908_PFASOMP	Region 1	0.04		*1.11*		**1.77**	
Secondary Management Zone	SW011	19 Jun 2020	Normal	NSW_0908_PFASOMP	Region 1	0.08		*3.31*		**4.32**	
Secondary Management Zone	SW011	04 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.05		*2.19*		**2.89**	
Secondary Management Zone	SW011	04 Dec 2020	Field_D	NSW_0908_PFASOMP	Region 1	0.05		*2.14*		**2.87**	
Secondary Management Zone	SW011	04 Dec 2020	Interlab_D	NSW_0908_PFASOMP	Region 1	0.044		*2.4*		**2.444**	
Secondary Management Zone	SW011	26 May 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.41*		**1.86**	
Secondary Management Zone	SW011	11 May 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.05	-	*2.96*	-	**3.54**	-
Secondary Management Zone	SW011	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.02	-	*0.48*	-	**0.68**	New Minimum
Secondary Management Zone	SW019	30 Jan 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		<0.01		<0.02	
Secondary Management Zone	SW019	09 Feb 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.27*		**0.44**	
Secondary Management Zone	SW019	16 Feb 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.02*		0.04	
Secondary Management Zone	SW019	24 Feb 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.17*		**0.22**	
Secondary Management Zone	SW019	02 Mar 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		<0.01		<0.01	
Secondary Management Zone	SW019	09 Mar 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.03*		0.06	
Secondary Management Zone	SW019	16 Mar 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		<0.01		0.02	
Secondary Management Zone	SW019	23 Mar 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.02*		0.02	
Secondary Management Zone	SW019	30 Mar 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.03*		0.07	
Secondary Management Zone	SW019	06 Apr 2017	Normal	NSW_0908_PFAS	Region 2	0.02		*0.27*		**0.69**	
Secondary Management Zone	SW019	04 May 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.07*		**0.24**	
Secondary Management Zone	SW019	01 Jun 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.03*		**0.1**	
Secondary Management Zone	SW019	20 Jul 2017	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.09*		**0.39**	
Secondary Management Zone	SW019	12 Apr 2018	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.01*		0.03	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Secondary Management Zone	SW019	06 Dec 2018	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.04*		**0.11**	
Secondary Management Zone	SW019	14 Jun 2019	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.07*		**0.1**	
Secondary Management Zone	SW019	07 Nov 2019	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.03*		**0.12**	
Secondary Management Zone	SW019	26 May 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.03*		0.06	
Secondary Management Zone	SW019	12 Nov 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.29*		**0.64**	
Secondary Management Zone	SW019	10 May 2021	Normal	NSW_0908_PFASOMP	Region 2	0.03		*0.81*		**1.43**	
Secondary Management Zone	SW019	12 Nov 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01	-	*0.06*	-	**0.09**	-
Secondary Management Zone	SW019	27 May 2022	Normal	NSW_0908_PFASOMP	Region 2	0.02	-	*0.33*	-	**0.63**	-
Secondary Management Zone	SW019	14 Nov 2022	Normal	NSW_0908_PFASOMP	Region 2	0.02	-	*0.74*	-	**1.07**	-
Secondary Management Zone	SW019	17 May 2023	Normal	NSW_0908_PFASOMP_23	Region 2	<0.01	-	*0.07*	-	**0.18**	-
Secondary Management Zone	SW019	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 2	<0.01	-	*0.02*	-	**0.08**	-
Secondary Management Zone	SW023	06 Dec 2018	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.04*		**0.09**	
Secondary Management Zone	SW023	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 2	<0.05		<0.05		0.06	
Secondary Management Zone	SW023	04 Jun 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.27**	
Secondary Management Zone	SW023	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 2	0.02		*0.5*		**1.1**	
Secondary Management Zone	SW023	11 May 2021	Normal	NSW_0908_PFASOMP	Region 2	0.02		*0.28*		**0.7**	
Secondary Management Zone	SW023	17 Nov 2021	Normal	NSW_0908_PFASOMP	Region 2	0.01	-	*0.23*	-	**0.47**	-
Secondary Management Zone	SW023	17 Nov 2021	Field_D	NSW_0908_PFASOMP	Region 2	0.01	-	*0.17*	-	**0.39**	-
Secondary Management Zone	SW023	17 May 2022	Normal	NSW_0908_PFASOMP	Region 2	0.02	-	*0.32*	-	**0.62**	-
Secondary Management Zone	SW023	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 2	0.02	-	*0.36*	-	**0.59**	-
Secondary Management Zone	SW023	09 May 2023	Normal	NSW_0908_PFASOMP_23	Region 2	<0.01	-	*0.06*	-	**0.16**	-
Secondary Management Zone	SW023	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 2	<0.01	-	*0.03*	-	**0.09**	-
Secondary Management Zone	SW059	19 Jun 2014	Normal	NSW_0908_PFAS	Region 3	0.08		*0.02*		**0.54**	
Secondary Management Zone	SW059	14 Jan 2016	Normal	NSW_0908_PFAS	Region 3	0.082		*1.56*		**1.56**	
Secondary Management Zone	SW059	14 Jan 2016	Interlab_D	NSW_0908_PFAS	Region 3	0.064		*2.6*		**2.6**	
Secondary Management Zone	SW059	14 Dec 2016	Normal	NSW_0908_PFAS	Region 3	0.1		*0.8*		**2.48**	
Secondary Management Zone	SW059	02 Feb 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*1.61*		**2.27**	
Secondary Management Zone	SW059	09 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.44*		**0.56**	
Secondary Management Zone	SW059	16 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.08*		**0.26**	
Secondary Management Zone	SW059	02 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.62*		**1.27**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.05*		**0.11**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*1.13*		**1.86**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*1.01*		**1.63**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.86*		**1.47**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.82*		**1.36**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.95*		**1.46**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.67*		**1.01**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.01		*0.71*		**1.03**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.8*		**1.22**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.85*		**1.31**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.01		*0.64*		**0.97**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.01		*0.6*		**0.91**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.01		*0.64*		**0.97**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.78*		**1.21**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.75*		**1.17**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.68*		**1.04**	
Secondary Management Zone	SW059	08 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.62*		**0.95**	
Secondary Management Zone	SW059	09 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.01		*0.34*		**0.92**	
Secondary Management Zone	SW059	16 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.01		*0.26*		**1.48**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.04		*0.7*		**2.21**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.67*		**2.13**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.65*		**1.96**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.59*		**1.94**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.62*		**1.94**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.52*		**1.83**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.61*		**1.97**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.54*		**1.92**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.52*		**1.89**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.58*		**1.92**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.61*		**1.97**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.58*		**1.98**	
Secondary Management Zone	SW059	20 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.67*		**2.04**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.57*		**1.98**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.04		*0.64*		**2.18**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.59*		**2.04**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.04		*0.66*		**2.16**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.56*		**2.02**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.6*		**2.01**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.61*		**2.01**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.63*		**1.98**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.71*		**2.24**	
Secondary Management Zone	SW059	21 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.04		*0.68*		**2.3**	
Secondary Management Zone	SW059	22 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.66*		**2.22**	
Secondary Management Zone	SW059	22 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.04		*0.66*		**2.25**	
Secondary Management Zone	SW059	22 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.58*		**2.06**	
Secondary Management Zone	SW059	22 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.64*		**2.09**	
Secondary Management Zone	SW059	22 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.63*		**2.1**	
Secondary Management Zone	SW059	23 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.64*		**2.12**	
Secondary Management Zone	SW059	31 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.48*		**1.11**	
Secondary Management Zone	SW059	05 Apr 2017	Normal	NSW_0908_PFAS	Region 3	0.03		*0.45*		**2.12**	
Secondary Management Zone	SW059	04 May 2017	Normal	NSW_0908_PFAS	Region 3	0.12		*1.82*		**5.08**	
Secondary Management Zone	SW059	01 Jun 2017	Normal	NSW_0908_PFAS	Region 3	0.07		*0.96*		**3.9**	
Secondary Management Zone	SW059	20 Jul 2017	Normal	NSW_0908_PFAS	Region 3	0.05		*1.08*		**2.48**	
Secondary Management Zone	SW059	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	0.04		*0.81*		**1.95**	
Secondary Management Zone	SW059	06 Dec 2018	Normal	NSW_0908_PFAS	Region 3	0.1		*0.91*		**3.2**	
Secondary Management Zone	SW059	13 Jun 2019	Normal	NSW_0908_PFAS	Region 3	0.02		*0.14*		**1.4**	
Secondary Management Zone	SW059	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.29*		**2.78**	
Secondary Management Zone	SW059	04 Jun 2020	Normal	NSW_0908_PFASOMP	Region 3	0.12		*0.85*		**5.72**	
Secondary Management Zone	SW059	13 Nov 2020	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.31*		**2.5**	
Secondary Management Zone	SW059	18 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.08		*0.87*		**2.83**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.72*		**2.02**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.55*		**1.75**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.72*		**2.08**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.06		*0.8*		**2.3**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.62*		**2.04**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.06		*0.91*		**2.67**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.06		*0.84*		**2.62**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.07		*0.92*		**2.83**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.07		*0.81*		**2.85**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.07		*0.77*		**2.81**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.08		*0.95*		**3.12**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.08		*0.95*		**3.18**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.09		*1.07*		**3.63**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.08		*1*		**3.19**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.75*		**2.25**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.71*		**2.08**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.57*		**1.74**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.63*		**1.82**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.55*		**1.58**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.55*		**1.54**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.61*		**1.77**	
Secondary Management Zone	SW059	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.53*		**1.5**	
Secondary Management Zone	SW059	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.52*		**1.49**	
Secondary Management Zone	SW059	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.66*		**1.86**	
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*0.96*		**2.55**	
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*0.86*		**2.19**	
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.74*		**1.94**	
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.78*		**1.95**	
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.97*		**2.26**	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.89*		**1.98**	
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*1.07*		**2.34**	
Secondary Management Zone	SW059	28 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*1.12*		**2.43**	
Secondary Management Zone	SW059	28 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.06		*0.83*		**2.22**	
Secondary Management Zone	SW059	28 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.05		*0.82*		**2.07**	
Secondary Management Zone	SW059	28 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.05		*0.85*		**2.02**	
Secondary Management Zone	SW059	28 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.05		*0.96*		**2.18**	
Secondary Management Zone	SW059	28 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.042		*0.66*		**0.702**	
Secondary Management Zone	SW059	28 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.039		*0.66*		**0.699**	
Secondary Management Zone	SW059	28 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.038		*0.77*		**0.808**	
Secondary Management Zone	SW059	28 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.04		*0.89*		**0.93**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.11		*1.62*		**4.08**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.12*		**2.59**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.07		*1.24*		**2.84**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.13*		**2.61**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.08		*1.27*		**3.07**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.08		*1.23*		**3.05**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.09		*1.44*		**3.55**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.1		*1.44*		**3.81**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.12		*1.37*		**4.28**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.12		*1.42*		**4.13**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.13		*1.52*		**4.46**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.14		*1.57*		**4.61**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.14		*1.48*		**4.42**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.13		*1.48*		**4.46**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.13		*1.53*		**4.29**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.13		*1.76*		**4.59**	
Secondary Management Zone	SW059	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.13		*1.68*		**4.51**	
Secondary Management Zone	SW059	19 Feb 2021	Normal	NSW_0908_PFASOMP	Region 3	0.1		*2.51*		**4.43**	
Secondary Management Zone	SW059	26 Mar 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.68*		**1.31**	
Secondary Management Zone	SW059	27 Apr 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.26*		**2.2**	
Secondary Management Zone	SW059	11 May 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.28*		**2.22**	
Secondary Management Zone	SW059	25 Jun 2021	Normal	NSW_0908_PFASOMP	Region 3	0.07		*1.08*		**2.37**	
Secondary Management Zone	SW059	30 Jul 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06	-	*1.02*	-	**2.05**	-
Secondary Management Zone	SW059	20 Aug 2021	Normal	NSW_0908_PFASOMP	Region 3	0.13	-	*1.76*	-	**3.9**	-
Secondary Management Zone	SW059	20 Aug 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.12	-	*1.69*	-	**3.5**	-
Secondary Management Zone	SW059	20 Aug 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.047	-	*0.51*	-	**0.557**	-
Secondary Management Zone	SW059	27 Sep 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06	-	*0.88*	-	**1.95**	-
Secondary Management Zone	SW059	25 Oct 2021	Normal	NSW_0908_PFASOMP	Region 3	0.16	New Maximum	*2.32*	-	**4.1**	-
Secondary Management Zone	SW059	15 Nov 2021	Normal	NSW_0908_PFASOMP	Region 3	0.07	-	*1.18*	-	**2.34**	-
Secondary Management Zone	SW059	17 May 2022	Normal	NSW_0908_PFASOMP	Region 3	0.04	-	*0.76*	-	**1.5**	-
Secondary Management Zone	SW059	17 May 2022	Field_D	NSW_0908_PFASOMP	Region 3	0.04	-	*0.8*	-	**1.53**	-
Secondary Management Zone	SW059	17 May 2022	Interlab_D	NSW_0908_PFASOMP	Region 3	0.05	-	*0.72*	-	**1.5**	-
Secondary Management Zone	SW059	09 Nov 2022	Normal	NSW_0908_PFASOMP	Region 3	0.07	-	*1.17*	-	**2.05**	-
Secondary Management Zone	SW059	16 May 2023	Normal	NSW_0908_PFASOMP_23	Region 3	0.13	-	*2.14*	-	**4.49**	-
Secondary Management Zone	SW059	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 3	0.04	-	*0.64*	-	**1.52**	-
Secondary Management Zone	SW600	25 Nov 2022	Normal	NSW_0908_PFASOMP	-	0.06	First-time Detection, New Maximum	*1.42*	First-time Detection, New Maximum, New Exceedance	**2.11**	First-time Detection, New Maximum, New Exceedance
Secondary Management Zone	SW600	15 May 2023	Normal	NSW_0908_PFASOMP_23	-	0.06	-	*1.36*	-	**2.6**	New Maximum
Secondary Management Zone	SW600	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	-	0.02	New Minimum	*0.4*	New Minimum	**0.68**	New Minimum
Broader Management Zone	SW005	18 Jun 2014	Normal	NSW_0908_PFAS	Region 1	0.01		*0.03*		**0.18**	
Broader Management Zone	SW005	25 Jan 2016	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.04*		0.04	
Broader Management Zone	SW005	20 Dec 2016	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.02*		0.02	
Broader Management Zone	SW005	02 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		<0.05		<0.05	
Broader Management Zone	SW005	09 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		*0.12*		**0.26**	
Broader Management Zone	SW005	16 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		*0.05*		0.05	
Broader Management Zone	SW005	24 Feb 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		<0.05		<0.05	
Broader Management Zone	SW005	02 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		<0.05		<0.05	
Broader Management Zone	SW005	09 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		*0.05*		0.05	
Broader Management Zone	SW005	17 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.05		<0.05		<0.05	
Broader Management Zone	SW005	23 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.17*		**0.25**	
Broader Management Zone	SW005	30 Mar 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		<0.01		<0.01	
Broader Management Zone	SW005	06 Apr 2017	Normal	NSW_0908_PFAS	Region 1	0.03		*0.84*		**1.22**	
Broader Management Zone	SW005	04 May 2017	Normal	NSW_0908_PFAS	Region 1	0.05		*1.94*		**2.86**	
Broader Management Zone	SW005	01 Jun 2017	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.33*		**0.55**	
Broader Management Zone	SW005	20 Jul 2017	Normal	NSW_0908_PFAS	Region 1	0.03		*1.21*		**1.73**	
Broader Management Zone	SW005	20 Jul 2017	Field_D	NSW_0908_PFAS	Region 1	0.03		*1.21*		**1.75**	
Broader Management Zone	SW005	20 Jul 2017	Interlab_D	NSW_0908_PFAS	Region 1	0.034		*1.4*		**1.9**	
Broader Management Zone	SW005	12 Apr 2018	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.08*		**0.1**	
Broader Management Zone	SW005	12 Apr 2018	Normal	NSW_0908_PFAS	Region 1	-		-		**0.08**	
Broader Management Zone	SW005	06 Dec 2018	Normal	NSW_0908_PFAS	Region 1	<0.01		<0.01		<0.01	
Broader Management Zone	SW005	13 Jun 2019	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.01*		0.01	
Broader Management Zone	SW005	13 Jun 2019	Normal	NSW_0908_PFAS	Region 1	-		-		0.03	
Broader Management Zone	SW005	06 Nov 2019	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.04*		0.04	
Broader Management Zone	SW005	04 Jun 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.84*		**1.27**	
Broader Management Zone	SW005	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 1	0.07		*3.41*		**4.22**	
Broader Management Zone	SW005	18 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.29*		**0.36**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.35*		**1.75**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.25*		**1.62**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.97*		**1.22**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.88*		**1.12**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.84*		**1.07**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.93*		**1.17**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.85*		**1.07**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.9*		**1.13**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.94*		**1.15**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.89*		**1.1**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.93*		**1.14**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.99*		**1.21**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.07*		**1.29**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.06*		**1.28**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.23*		**1.54**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.97*		**1.2**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.84*		**1.07**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.9*		**1.15**	
Broader Management Zone	SW005	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.91*		**1.15**	
Broader Management Zone	SW005	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.96*		**1.21**	
Broader Management Zone	SW005	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.96*		**1.22**	
Broader Management Zone	SW005	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.33*		**1.68**	
Broader Management Zone	SW005	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.42*		**1.79**	
Broader Management Zone	SW005	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.12*		**1.44**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.07*		**1.35**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.06*		**1.29**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.05*		**1.28**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.97*		**1.18**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.08*		**1.32**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.04*		**1.25**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.06*		**1.29**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.92*		**1.12**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.99*		**1.21**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.95*		**1.16**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.94*		**1.14**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.87*		**1.07**	
Broader Management Zone	SW005	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.96*		**1.17**	
Broader Management Zone	SW005	29 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.02		*1.12*		**1.36**	
Broader Management Zone	SW005	29 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 1	0.013		*0.93*		**0.943**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.95*		**1.16**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.95*		**1.16**	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.05*		**1.27**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.22*		**1.52**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.27*		**1.55**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.19*		**1.45**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.14*		**1.39**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.03*		**1.25**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.07*		**1.3**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.08*		**1.3**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.03*		**1.25**	
Broader Management Zone	SW005	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.05*		**1.27**	
Broader Management Zone	SW005	19 Feb 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*1.36*		**1.7**	
Broader Management Zone	SW005	19 Feb 2021	Field_D	NSW_0908_PFASOMP	Region 1	0.03		*1.56*		**1.93**	
Broader Management Zone	SW005	19 Feb 2021	Interlab_D	NSW_0908_PFASOMP	Region 1	0.024		*1.1*		**1.124**	
Broader Management Zone	SW005	26 Mar 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.38*		**0.52**	
Broader Management Zone	SW005	23 Apr 2021	Normal	NSW_0908_PFASOMP	Region 1	0.04		*1.35*		**1.88**	
Broader Management Zone	SW005	11 May 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02		*0.58*		**0.81**	
Broader Management Zone	SW005	25 Jun 2021	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.41*		**0.55**	
Broader Management Zone	SW005	30 Jul 2021	Normal	NSW_0908_PFASOMP	Region 1	0.03	-	*1.32*	-	**1.75**	-
Broader Management Zone	SW005	20 Aug 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02	-	*0.81*	-	**1.11**	-
Broader Management Zone	SW005	27 Sep 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02	-	*0.87*	-	**1.1**	-
Broader Management Zone	SW005	25 Oct 2021	Normal	NSW_0908_PFASOMP	Region 1	<0.01	-	*0.15*	-	**0.21**	-
Broader Management Zone	SW005	17 Nov 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02	-	*0.71*	-	**1**	-
Broader Management Zone	SW005	18 May 2022	Normal	NSW_0908_PFASOMP	Region 1	0.02	-	*1.68*	-	**1.93**	-
Broader Management Zone	SW005	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 1	<0.01	-	*0.24*	-	**0.33**	-
Broader Management Zone	SW005	08 Nov 2022	Field_D	NSW_0908_PFASOMP	Region 1	<0.01	-	*0.24*	-	**0.36**	-
Broader Management Zone	SW005	08 Nov 2022	Interlab_D	NSW_0908_PFASOMP	Region 1	<0.01	-	*0.17*	-	**0.27**	-
Broader Management Zone	SW005	09 May 2023	Normal	NSW_0908_PFASOMP_23	Region 1	<0.01	-	*0.37*	-	**0.46**	-
Broader Management Zone	SW005	09 May 2023	Field_D	NSW_0908_PFASOMP_23	Region 1	<0.01	-	*0.22*	-	**0.31**	-
Broader Management Zone	SW005	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	Region 1	<0.01	-	*0.25*	-	**0.36**	-
Broader Management Zone	SW005	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 1	<0.01	-	*0.04*	-	0.04	-
Broader Management Zone	SW014	20 Dec 2016	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.02*		0.02	
Broader Management Zone	SW014	18 Apr 2018	Normal	NSW_0908_PFAS	Region 1	<0.01		*0.14*		**0.16**	
Broader Management Zone	SW014	18 Apr 2018	Normal	NSW_0908_PFAS	Region 1	-		-		**0.14**	
Broader Management Zone	SW014	06 Dec 2018	Normal	NSW_0908_PFAS	Region 1	0.02		*0.45*		**0.66**	
Broader Management Zone	SW014	13 Jun 2019	Normal	NSW_0908_PFAS	Region 1	<0.01		<0.01		<0.01	
Broader Management Zone	SW014	13 Jun 2019	Field_D	NSW_0908_PFAS	Region 1	<0.01		<0.01		<0.01	
Broader Management Zone	SW014	13 Jun 2019	Interlab_D	NSW_0908_PFAS	Region 1	<0.01		<0.02		0.031	
Broader Management Zone	SW014	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 1	<0.01		*0.05*		0.05	
Broader Management Zone	SW014	04 Jun 2020	Normal	NSW_0908_PFASOMP	Region 1	0.03		*1.32*		**1.94**	
Broader Management Zone	SW014	26 Nov 2020	Normal	NSW_0908_PFASOMP	Region 1	0.06		*3.24*		**4.01**	
Broader Management Zone	SW014	26 Nov 2020	Field_D	NSW_0908_PFASOMP	Region 1	0.06		*2.93*		**3.72**	
Broader Management Zone	SW014	26 Nov 2020	Interlab_D	NSW_0908_PFASOMP	Region 1	0.053		*2.5*		**2.553**	
Broader Management Zone	SW014	11 May 2021	Normal	NSW_0908_PFASOMP	Region 1	0.01		*0.61*		**0.81**	
Broader Management Zone	SW014	17 Nov 2021	Normal	NSW_0908_PFASOMP	Region 1	0.02	-	*0.91*	-	**1.25**	-
Broader Management Zone	SW014	16 May 2022	Normal	NSW_0908_PFASOMP	Region 1	0.02	-	*1*	-	**1.22**	-
Broader Management Zone	SW014	16 May 2022	Interlab_D	NSW_0908_PFASOMP	Region 1	0.02	-	*0.96*	-	**1.2**	-
Broader Management Zone	SW014	07 Nov 2022	Normal	NSW_0908_PFASOMP	Region 1	0.02	-	*1.14*	-	**1.4**	-
Broader Management Zone	SW014	09 May 2023	Normal	NSW_0908_PFASOMP_23	Region 1	0.03	-	*1.47*	-	**1.86**	-
Broader Management Zone	SW014	09 May 2023	Field_D	NSW_0908_PFASOMP_23	Region 1	0.03	-	*1.36*	-	**1.78**	-
Broader Management Zone	SW014	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 1	<0.01	-	*0.03*	-	0.03	-
Broader Management Zone	SW024	21 Jan 2016	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.39*		**0.39**	
Broader Management Zone	SW024	14 Dec 2016	Normal	NSW_0908_PFAS	Region 2	<0.05		*0.08*		**0.18**	
Broader Management Zone	SW024	06 Dec 2018	Normal	NSW_0908_PFAS	Region 2	<0.01		<0.01		<0.01	
Broader Management Zone	SW024	13 Jun 2019	Normal	NSW_0908_PFAS	Region 2	<0.01		*0.02*		0.02	
Broader Management Zone	SW024	13 Jun 2019	Normal	NSW_0908_PFAS	Region 2	-		-		0.04	
Broader Management Zone	SW024	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 2	<0.05		<0.05		<0.05	
Broader Management Zone	SW024	04 Jun 2020	Normal	NSW_0908_PFASOMP	Region 2	0.01		*0.1*		**0.27**	
Broader Management Zone	SW024	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 2	0.01		*0.32*		**0.64**	
Broader Management Zone	SW024	18 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.13**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.13**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.11*		**0.18**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.11*		**0.2**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.1*		**0.17**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.13**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.12*		**0.21**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.12*		**0.2**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.09*		**0.15**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.09*		**0.15**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.09*		**0.16**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.09*		**0.17**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.1*		**0.18**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.09*		**0.16**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.05*		**0.08**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.05*		**0.09**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.12**	
Broader Management Zone	SW024	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.05*		**0.09**	
Broader Management Zone	SW024	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.1**	
Broader Management Zone	SW024	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.1**	
Broader Management Zone	SW024	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.1**	
Broader Management Zone	SW024	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.11**	
Broader Management Zone	SW024	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.11**	
Broader Management Zone	SW024	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.1**	
Broader Management Zone	SW024	23 Dec 2020	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.12**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.18**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.16**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.05*		**0.14**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.17**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.16**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.16**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.17**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.16**	
Broader Management Zone	SW024	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.16**	
Broader Management Zone	SW024	29 Jan 2021	Field_D	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.18**	
Broader Management Zone	SW024	29 Jan 2021	Interlab_D	NSW_0908_PFASOMP	Region 2	<0.01		*0.047*		**0.126**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.06*		**0.15**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.17**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.17**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.19**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.04*		**0.08**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.11*		**0.25**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.2**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.18**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.19**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.19**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.19**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.18**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.1*		**0.25**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.08*		**0.19**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.1*		**0.24**	
Broader Management Zone	SW024	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.07*		**0.18**	
Broader Management Zone	SW024	19 Feb 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.16*		**0.36**	
Broader Management Zone	SW024	26 Mar 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.21*		**0.33**	
Broader Management Zone	SW024	23 Apr 2021	Normal	NSW_0908_PFASOMP	Region 2	0.02		*0.28*		**0.58**	
Broader Management Zone	SW024	11 May 2021	Normal	NSW_0908_PFASOMP	Region 2	0.02		*0.24*		**0.55**	
Broader Management Zone	SW024	25 Jun 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01		*0.14*		**0.32**	
Broader Management Zone	SW024	30 Jul 2021	Normal	NSW_0908_PFASOMP	Region 2	0.01	-	*0.2*	-	**0.44**	-
Broader Management Zone	SW024	20 Aug 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01	-	*0.09*	-	**0.16**	-
Broader Management Zone	SW024	27 Sep 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01	-	*1.32*	New Maximum	**1.47**	New Maximum
Broader Management Zone	SW024	25 Oct 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01	-	*0.13*	-	**0.21**	-

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Broader Management Zone	SW024	17 Nov 2021	Normal	NSW_0908_PFASOMP	Region 2	<0.01	-	*0.1*	-	**0.22**	-
Broader Management Zone	SW024	17 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Region 2	<0.01	-	*0.07*	-	**0.19**	-
Broader Management Zone	SW024	16 May 2022	Normal	NSW_0908_PFASOMP	Region 2	0.01	-	*0.24*	-	**0.47**	-
Broader Management Zone	SW024	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 2	<0.01	-	*0.27*	-	**0.39**	-
Broader Management Zone	SW024	09 May 2023	Normal	NSW_0908_PFASOMP_23	Region 2	<0.01	-	*0.06*	-	**0.11**	-
Broader Management Zone	SW024	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 2	<0.01	-	*0.03*	-	0.06	-
Broader Management Zone	SW062	17 Jun 2014	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.11*		**0.52**	
Broader Management Zone	SW062	13 Jan 2016	Normal	NSW_0908_PFAS	Region 3	<0.002		*0.088*		**0.088**	
Broader Management Zone	SW062	14 Dec 2016	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.76*		**1.56**	
Broader Management Zone	SW062	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	0.09		*2.69*		**3.9**	
Broader Management Zone	SW062	07 Dec 2018	Normal	NSW_0908_PFAS	Region 3	0.1		*2.64*		**3.99**	
Broader Management Zone	SW062	07 Dec 2018	Field_D	NSW_0908_PFAS	Region 3	0.1		*2.35*		**3.52**	
Broader Management Zone	SW062	07 Dec 2018	Interlab_D	NSW_0908_PFAS	Region 3	0.07		*2*		**3.1**	
Broader Management Zone	SW062	13 Jun 2019	Normal	NSW_0908_PFAS	Region 3	0.03		*1.07*		**1.6**	
Broader Management Zone	SW062	06 Nov 2019	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.4*		**2.18**	
Broader Management Zone	SW062	02 Jun 2020	Normal	NSW_0908_PFASOMP	Region 3	0.12		*2.63*		**4.59**	
Broader Management Zone	SW062	20 Nov 2020	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.12*		**0.27**	
Broader Management Zone	SW062	11 May 2021	Normal	NSW_0908_PFASOMP	Region 3	0.09		*2.32*		**3.79**	
Broader Management Zone	SW062	17 Nov 2021	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	*0.08*	New Minimum	**0.21**	-
Broader Management Zone	SW062	17 Nov 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	<0.01	-	*0.05*		**0.17**	-
Broader Management Zone	SW062	16 May 2022	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	*0.12*	-	**0.34**	-
Broader Management Zone	SW062	07 Nov 2022	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	*0.13*	-	**0.21**	-
Broader Management Zone	SW062	11 May 2023	Normal	NSW_0908_PFASOMP_23	Region 3	<0.01	-	*0.12*	-	**0.33**	-
Broader Management Zone	SW062	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 3	0.52	New Maximum	*10*	New Maximum	**18.5**	New Maximum
Broader Management Zone	SW072	06 Dec 2018	Normal	NSW_0908_PFAS	Region 3	0.08		*0.96*		**1.98**	
Broader Management Zone	SW072	25 May 2020	Normal	NSW_0908_PFASOMP	Region 3	0.12		*2.88*		**5.1**	
Broader Management Zone	SW079	14 Jan 2016	Normal	NSW_0908_PFAS	Region 3	0.008		*0.11*		**0.11**	
Broader Management Zone	SW079	14 Dec 2016	Normal	NSW_0908_PFAS	Region 3	0.03		*0.52*		**1.4**	
Broader Management Zone	SW079	02 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*1.34*		**1.69**	
Broader Management Zone	SW079	09 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.4*		**1.18**	
Broader Management Zone	SW079	16 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.22*		**0.6**	
Broader Management Zone	SW079	24 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.26*		**0.62**	
Broader Management Zone	SW079	03 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.44*		**0.76**	
Broader Management Zone	SW079	09 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.12*		**0.18**	
Broader Management Zone	SW079	16 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.06*		**0.1**	
Broader Management Zone	SW079	23 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.17*		**0.66**	
Broader Management Zone	SW079	30 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.21*		**0.73**	
Broader Management Zone	SW079	05 Apr 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.15*		**0.8**	
Broader Management Zone	SW079	04 May 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.18*		**0.71**	
Broader Management Zone	SW079	01 Jun 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.24*		**0.85**	
Broader Management Zone	SW079	20 Jul 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.15*		**0.65**	
Broader Management Zone	SW079	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	0.02		*0.29*		**0.78**	
Broader Management Zone	SW079	06 Dec 2018	Normal	NSW_0908_PFAS	Region 3	0.02		*0.53*		**0.91**	
Broader Management Zone	SW079	13 Jun 2019	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.22*		**0.47**	
Broader Management Zone	SW079	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.05*		0.05	
Broader Management Zone	SW079	02 Jun 2020	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.12*		**0.62**	
Broader Management Zone	SW079	26 Nov 2020	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.28*		**0.52**	
Broader Management Zone	SW079	11 May 2021	Normal	NSW_0908_PFASOMP	Region 3	0.01		*0.21*		**0.53**	
Broader Management Zone	SW079	12 Nov 2021	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	*0.23*	-	**0.4**	-
Broader Management Zone	SW079	16 May 2022	Normal	NSW_0908_PFASOMP	Region 3	0.01	-	*0.4*	-	**0.77**	-
Broader Management Zone	SW079	07 Nov 2022	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	*0.35*	-	**0.54**	-
Broader Management Zone	SW079	09 May 2023	Normal	NSW_0908_PFASOMP_23	Region 3	<0.01	-	*0.21*	-	**0.48**	-
Broader Management Zone	SW079	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 3	0.02	-	*0.46*	-	**0.79**	-
Broader Management Zone	SW079	21 Nov 2023	Field_D	NSW_0908_PFASOMP_23	Region 3	<0.01	-	*0.02*	New Minimum	0.04	New Minimum
Broader Management Zone	SW079	21 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	Region 3	<0.01	-	<0.01		0.01	
Broader Management Zone	SW081	13 Jan 2016	Normal	NSW_0908_PFAS	Region 3	<0.002		*0.007*		0.007	
Broader Management Zone	SW081	14 Dec 2016	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.02*		0.02	
Broader Management Zone	SW081	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.04*		0.06	
Broader Management Zone	SW081	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	-		-		0.04	
Broader Management Zone	SW081	06 Dec 2018	Normal	NSW_0908_PFAS	Region 3	<0.01		<0.01		<0.01	
Broader Management Zone	SW081	14 Jun 2019	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.1*		**0.1**	
Broader Management Zone	SW081	14 Jun 2019	Normal	NSW_0908_PFAS	Region 3	-		-		**0.12**	
Broader Management Zone	SW081	05 Nov 2019	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.04*		0.04	
Broader Management Zone	SW081	05 Nov 2019	Field_D	NSW_0908_PFASOMP	Region 3	<0.01		*0.04*		0.04	
Broader Management Zone	SW081	05 Nov 2019	Interlab_D	NSW_0908_PFASOMP	Region 3	<0.01		*0.031*		0.047	
Broader Management Zone	SW081	02 Jun 2020	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.04*		0.04	
Broader Management Zone	SW081	12 Nov 2020	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.03*		0.06	
Broader Management Zone	SW081	11 May 2021	Normal	NSW_0908_PFASOMP	Region 3	<0.01		<0.01		<0.01	
Broader Management Zone	SW081	30 Nov 2021	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	SW081	16 May 2022	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	SW081	08 Nov 2022	Normal	NSW_0908_PFASOMP	Region 3	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	SW081	11 May 2023	Normal	NSW_0908_PFASOMP_23	Region 3	<0.01	-	<0.01	-	<0.01	-
Broader Management Zone	SW081	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 3	<0.01	-	*0.02*	-	0.04	-
Broader Management Zone	SW082	25 Jan 2016	Normal	NSW_0908_PFAS	Region 3	0.05		*1.52*		**1.52**	
Broader Management Zone	SW082	19 Dec 2016	Normal	NSW_0908_PFAS	Region 3	0.09		*0.8*		**1.24**	
Broader Management Zone	SW082	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	0.04		*1.03*		**1.94**	
Broader Management Zone	SW082	07 Dec 2018	Normal	NSW_0908_PFAS	Region 3	0.05		*2.34*		**3.26**	
Broader Management Zone	SW082	14 Jun 2019	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.24*		**0.94**	
Broader Management Zone	SW082	07 Nov 2019	Normal	NSW_0908_PFASOMP	Region 3	0.07		*1.9*		**2.83**	
Broader Management Zone	SW082	25 May 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.75*		**2.1**	
Broader Management Zone	SW082	27 Nov 2020	Normal	NSW_0908_PFASOMP	Region 3	0.09		*1.9*		**3.25**	
Broader Management Zone	SW082	20 Apr 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.071		*1.4*		**1.471**	
Broader Management Zone	SW082	20 May 2021	Normal	NSW_0908_PFASOMP	Region 3	0.1		*1.78*		**2.98**	
Broader Management Zone	SW082	20 May 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.11		*1.84*		**3.07**	
Broader Management Zone	SW082	19 Nov 2021	Normal	NSW_0908_PFASOMP	Region 3	0.08	-	*1.31*	-	**2.53**	-
Broader Management Zone	SW259	17 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.08*		**0.08**	
Broader Management Zone	SW259	24 Feb 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.38*		**0.48**	
Broader Management Zone	SW259	03 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.15*		**0.15**	
Broader Management Zone	SW259	10 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.39*		**0.61**	
Broader Management Zone	SW259	16 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.33*		**0.57**	
Broader Management Zone	SW259	24 Mar 2017	Normal	NSW_0908_PFAS	Region 3	<0.01		*0.28*		**0.59**	
Broader Management Zone	SW259	31 Mar 2017	Normal	NSW_0908_PFAS	Region 3	0.02		*0.42*		**0.86**	
Broader Management Zone	SW259	31 Mar 2017	Field_D	NSW_0908_PFAS	Region 3	0.02		*0.4*		**0.84**	
Broader Management Zone	SW259	31 Mar 2017	Interlab_D	NSW_0908_PFAS	Region 3	0.022		*0.39*		**0.91**	
Broader Management Zone	SW259	07 Apr 2017	Normal	NSW_0908_PFAS	Region 3	0.04		*0.56*		**1.66**	
Broader Management Zone	SW259	02 Jun 2017	Normal	NSW_0908_PFAS	Region 3	0.01		*0.67*		**2.29**	
Broader Management Zone	SW259	21 Jul 2017	Normal	NSW_0908_PFAS	Region 3	0.1		*1.97*		**3.41**	
Broader Management Zone	SW259	12 Apr 2018	Normal	NSW_0908_PFAS	Region 3	0.04		*0.8*		**1.62**	
Broader Management Zone	SW259	07 Dec 2018	Normal	NSW_0908_PFAS	Region 3	0.01		*0.24*		**0.44**	
Broader Management Zone	SW259	14 Jun 2019	Normal	NSW_0908_PFAS	Region 3	<0.05		*0.26*		**0.82**	
Broader Management Zone	SW259	08 Nov 2019	Normal	NSW_0908_PFASOMP	Region 3	<0.05		*0.84*		**1.75**	
Broader Management Zone	SW259	25 May 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.3*		**0.96**	
Broader Management Zone	SW259	13 Nov 2020	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.63*		**2.66**	
Broader Management Zone	SW259	18 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	<0.01		*0.13*		**0.25**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.57*		**1.16**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.57*		**1.15**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.46*		**0.94**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.42*		**0.83**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.01		*0.35*		**0.67**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.01		*0.29*		**0.57**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.4*		**0.79**	
Broader Management Zone	SW259	21 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.01		*0.36*		**0.71**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.46*		**0.99**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.48*		**1.15**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.65*		**1.28**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.58*		**1.24**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.45*		**0.96**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.53*		**1.03**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.48*		**1.28**	

Table E2 - Historical Surface Water Analytical Results and Deviations

						PFAS Results and Deviations					
						PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
						µg/L		µg/L		µg/L	
LOR						0.0002		0.0002		0.0002	
PFAS NEMP 2020 Drinking Water						**0.56**				**0.07**	
PFAS NEMP 2020 Recreational Water						**10**				**2**	
PFAS NEMP 2020 Freshwater 99%						*19*		*0.00023*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**	**Region**						
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.51*		**1.22**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.58*		**1.39**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.36*		**0.94**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.42*		**0.86**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.71*		**1.68**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.68*		**1.65**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.51*		**1.38**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.62*		**1.42**	
Broader Management Zone	SW259	22 Dec 2020	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.53*		**1.16**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.63*		**1.07**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*1.74*		**2.9**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*1.31*		**2.24**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*1.04*		**1.8**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.91*		**1.55**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.95*		**1.6**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*1.1*		**1.79**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*1.07*		**1.75**	
Broader Management Zone	SW259	29 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.95*		**1.56**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.7*		**1.15**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.62*		**1.02**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.67*		**1.15**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.83*		**1.4**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.03		*0.69*		**1.32**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.96*		**1.76**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.46*		**0.84**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1*		**2.16**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*0.95*		**2.11**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.83*		**1.84**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.96*		**2.06**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.01*		**2.16**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*0.93*		**2.06**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.83*		**1.68**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.75*		**1.52**	
Broader Management Zone	SW259	30 Jan 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.9*		**1.74**	
Broader Management Zone	SW259	19 Feb 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*1.21*		**2.13**	
Broader Management Zone	SW259	26 Mar 2021	Normal	NSW_0908_PFASOMP	Region 3	0.02		*0.43*		**0.69**	
Broader Management Zone	SW259	23 Apr 2021	Normal	NSW_0908_PFASOMP	Region 3	0.04		*0.76*		**1.34**	
Broader Management Zone	SW259	23 Apr 2021	Field_D	NSW_0908_PFASOMP	Region 3	0.09		*2.94*		**4.13**	
Broader Management Zone	SW259	23 Apr 2021	Interlab_D	NSW_0908_PFASOMP	Region 3	0.064		*2.4*		**2.464**	
Broader Management Zone	SW259	10 May 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05		*0.85*		**1.43**	
Broader Management Zone	SW259	25 Jun 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06		*1.11*		**1.97**	
Broader Management Zone	SW259	30 Jul 2021	Normal	NSW_0908_PFASOMP	Region 3	0.06	-	*1.25*	-	**2.01**	-
Broader Management Zone	SW259	20 Aug 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05	-	*0.88*	-	**1.58**	-
Broader Management Zone	SW259	27 Sep 2021	Normal	NSW_0908_PFASOMP	Region 3	0.05	-	*1.32*	-	**2.1**	-
Broader Management Zone	SW259	25 Oct 2021	Normal	NSW_0908_PFASOMP	Region 3	0.08	-	*1.32*	-	**2.32**	-
Broader Management Zone	SW259	26 Nov 2021	Normal	NSW_0908_PFASOMP	Region 3	0.03	-	*0.66*	-	**1.19**	-
Broader Management Zone	SW259	27 May 2022	Normal	NSW_0908_PFASOMP	Region 3	0.04	-	*0.85*	-	**1.28**	-
Broader Management Zone	SW259	15 Nov 2022	Normal	NSW_0908_PFASOMP	Region 3	0.06	-	*1.2*	-	**1.98**	-
Broader Management Zone	SW259	16 May 2023	Normal	NSW_0908_PFASOMP_23	Region 3	0.04	-	*0.82*	-	**1.69**	-
Broader Management Zone	SW259	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	Region 3	<0.01	-	*0.04*	New Minimum	0.07	New Minimum

Notes
LOR = Limit of Reporting
Normal = Primary sample
Field_D = Intra-laboratory duplicate sample
Interlab_D = Inter-laboratory duplicate sample
PFAS OMP data in monitoring period: July 2021 to December 2023

Table E3 - Historical Sediment Analytical Results and Deviations

					PFAS Results and Deviations					
					PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
					mg/kg		mg/kg		mg/kg	
LOR					0.0002		0.0002		0.0002	
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**						
On Base	SD047	17 Nov 2014	Normal	NSW_0908_PFAS	<0.005		0.015		0.032	
On Base	SD047	17 Nov 2014	Field_D	NSW_0908_PFAS	<0.005		0.053		0.065	
On Base	SD047	14 Jan 2016	Normal	NSW_0908_PFAS	0.0016		0.0377		0.0499	
On Base	SD047	14 Sep 2016	Normal	NSW_0908_PFAS	<0.0005		0.012		0.01252	
On Base	SD047	14 Sep 2016	Normal	NSW_0908_PFAS	<0.0005		0.017		0.01761	
On Base	SD047	16 Dec 2016	Normal	NSW_0908_PFAS	0.0002		0.0285		0.0331	
On Base	SD047	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0034		0.0039	
On Base	SD047	07 Dec 2018	Normal	NSW_0908_PFAS	0.0005		0.0187		0.022	
On Base	SD047	14 Jun 2019	Normal	NSW_0908_PFAS	0.0006		0.0431		0.0464	
On Base	SD047	06 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0006		0.0011	
On Base	SD047	22 May 2020	Normal	NSW_0908_PFASOMP	0.0014		0.131		0.141	
On Base	SD047	27 Nov 2020	Normal	NSW_0908_PFASOMP	0.0013		0.0542		0.0616	
On Base	SD047	11 May 2021	Normal	NSW_0908_PFASOMP	0.0003		0.0416		0.0499	
On Base	SD047	16 Nov 2021	Normal	NSW_0908_PFASOMP	0.0011	-	0.364	New Maximum	0.383	New Maximum
On Base	SD047	19 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0016	-	0.0018	-
On Base	SD047	10 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0264	-	0.0274	-
On Base	SD047	10 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0057	-	0.0065	-
On Base	SD047	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	0.0002	-	0.0713	-	0.0749	-
On Base	SD048	17 Nov 2014	Normal	NSW_0908_PFAS	<0.005		<0.005		<0.005	
On Base	SD048	20 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.001		0.001	
On Base	SD048	16 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0009		0.0013	
On Base	SD048	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0004		0.0009	
On Base	SD048	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0005		0.0008	
On Base	SD048	14 Jun 2019	Normal	NSW_0908_PFAS	0.0003		0.0035		0.005	
On Base	SD048	22 May 2020	Normal	NSW_0908_PFASOMP	0.0003		0.0018		0.0031	
On Base	SD048	27 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0012		0.0018	
On Base	SD048	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0008		0.0008	
On Base	SD048	16 Nov 2021	Normal	NSW_0908_PFASOMP	0.0002	-	0.0039	New Maximum	0.0058	New Maximum
On Base	SD048	19 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0033	-	0.0047	-
On Base	SD048	10 Nov 2022	Normal	NSW_0908_PFASOMP	0.0006	New Maximum	0.0103	New Maximum	0.0143	New Maximum
On Base	SD048	10 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0026	-	0.0034	-
On Base	SD048	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0021	-	0.0026	-
On Base	SD048	22 Nov 2023	Field_D	NSW_0908_PFASOMP_23	0.0003	-	0.0156	New Maximum	0.0186	New Maximum
On Base	SD048	22 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	0.0003	-	0.0085	-	0.01	-
On Base	SD055	23 Jun 2014	Normal	NSW_0908_PFAS	<0.005		0.008		0.008	
On Base	SD055	26 Jun 2014	Interlab_D	NSW_0908_PFAS	<0.0005		0.0039		0.0042	
On Base	SD055	14 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.007		0.007	
On Base	SD055	16 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0055		0.007	
On Base	SD055	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0011		0.0018	
On Base	SD055	07 Dec 2018	Normal	NSW_0908_PFAS	0.0004		0.0042		0.0104	
On Base	SD055	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.003		0.0034	
On Base	SD055	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0008		0.0014	
On Base	SD055	22 May 2020	Normal	NSW_0908_PFASOMP	0.0003		0.0083		0.0092	
On Base	SD055	23 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0022		0.0025	
On Base	SD055	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0136		0.0159	
On Base	SD055	16 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0038	-	0.0049	-
On Base	SD055	16 Nov 2021	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0048	-	0.0061	-
On Base	SD055	19 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0092	-	0.0099	-
On Base	SD055	19 May 2022	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.01	-	0.011	-
On Base	SD055	10 Nov 2022	Normal	NSW_0908_PFASOMP	0.0003	-	0.0323	New Maximum	0.0377	New Maximum
On Base	SD055	10 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0137	-	0.0159	-
On Base	SD055	22 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0019	-	0.0025	-
On Base	SD108	23 Jun 2014	Normal	NSW_0908_PFAS	<0.005		2.3		2.64	
On Base	SD108	14 Jan 2016	Normal	NSW_0908_PFAS	0.0028		0.144		0.144	
On Base	SD108	14 Sep 2016	Normal	NSW_0908_PFAS	<0.0005		0.062		0.06282	
On Base	SD108	16 Dec 2016	Normal	NSW_0908_PFAS	0.0005		0.0396		0.0412	
On Base	SD108	12 Apr 2018	Normal	NSW_0908_PFAS	0.0002		0.0216		0.0222	
On Base	SD108	07 Dec 2018	Normal	NSW_0908_PFAS	0.0002		0.0332		0.0348	
On Base	SD108	14 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0166		0.0171	
On Base	SD108	06 Nov 2019	Normal	NSW_0908_PFASOMP	0.0006		0.0317		0.0371	
On Base	SD108	06 Nov 2019	Normal	NSW_0908_PFASOMP	0.0004		0.0499		0.0533	
On Base	SD108	22 May 2020	Normal	NSW_0908_PFASOMP	0.0006		0.0372		0.0391	
On Base	SD108	27 Nov 2020	Normal	NSW_0908_PFASOMP	0.0008		0.232		0.239	
On Base	SD108	11 May 2021	Normal	NSW_0908_PFASOMP	0.0005		0.192		0.199	
On Base	SD108	16 Nov 2021	Normal	NSW_0908_PFASOMP	0.0005	-	0.181	-	0.188	-
On Base	SD108	19 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0377	-	0.0393	-
On Base	SD108	19 May 2022	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0879	-	0.0922	-
On Base	SD108	10 Nov 2022	Normal	NSW_0908_PFASOMP	0.0002	-	0.114	-	0.122	-
On Base	SD108	10 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0077	New Minimum	0.008	New Minimum
On Base	SD108	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	0.0004	-	0.19	-	0.2	-
On Base	SD110	16 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0096		0.0098	
On Base	SD110	16 Dec 2016	Field_D	NSW_0908_PFAS	<0.0002		0.0203		0.0209	
On Base	SD110	16 Dec 2016	Interlab_D	NSW_0908_PFAS	<0.002		0.059		0.0615	
On Base	SD110	12 Apr 2018	Normal	NSW_0908_PFAS	0.0004		0.0112		0.0119	
On Base	SD110	07 Dec 2018	Normal	NSW_0908_PFAS	0.0004		0.0288		0.0304	
On Base	SD110	14 Jun 2019	Normal	NSW_0908_PFAS	0.0007		0.0548		0.0571	
On Base	SD110	14 Jun 2019	Field_D	NSW_0908_PFAS	<0.0002		0.0137		0.0145	
On Base	SD110	14 Jun 2019	Interlab_D	NSW_0908_PFAS	<0.001		0.0081		0.0093	
On Base	SD110	06 Nov 2019	Normal	NSW_0908_PFASOMP	0.0004		0.0433		0.0459	
On Base	SD110	22 May 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.011		0.0117	
On Base	SD110	27 Nov 2020	Normal	NSW_0908_PFASOMP	0.0005		0.0703		0.0731	
On Base	SD110	11 May 2021	Normal	NSW_0908_PFASOMP	0.0011		0.268		0.281	
On Base	SD110	16 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.189	-	0.197	-
On Base	SD110	19 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.2	-	0.205	-
On Base	SD110	10 Nov 2022	Normal	NSW_0908_PFASOMP	0.0006	-	0.0967	-	0.114	-
On Base	SD110	10 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.169	-	0.175	-
On Base	SD110	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	0.0019	New Maximum	0.517	New Maximum	0.537	New Maximum
Primary Management Zone	SD060	17 Jun 2014	Normal	NSW_0908_PFAS	<0.005		0.098		0.137	
Primary Management Zone	SD060	25 Jun 2014	Field_D	NSW_0908_PFAS	<0.005		<0.005		<0.005	
Primary Management Zone	SD060	14 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0097		0.0137	
Primary Management Zone	SD060	14 Jan 2016	Field_D	NSW_0908_PFAS	<0.0005		0.0095		0.0095	
Primary Management Zone	SD060	14 Dec 2016	Normal	NSW_0908_PFAS	0.0036		0.339		0.377	
Primary Management Zone	SD060	14 Dec 2016	Normal	NSW_0908_PFAS	-		-		0.3774	
Primary Management Zone	SD060	12 Apr 2018	Normal	NSW_0908_PFAS	0.0021		0.0839		0.114	
Primary Management Zone	SD060	06 Dec 2018	Normal	NSW_0908_PFAS	0.0036		0.14		0.206	
Primary Management Zone	SD060	06 Dec 2018	Normal	NSW_0908_PFAS	-		-		0.2064	
Primary Management Zone	SD060	13 Jun 2019	Normal	NSW_0908_PFAS	0.0002		0.0148		0.019	
Primary Management Zone	SD060	05 Nov 2019	Normal	NSW_0908_PFASOMP	0.001		0.0971		0.111	
Primary Management Zone	SD060	04 Jun 2020	Normal	NSW_0908_PFASOMP	0.0004		0.0194		0.0241	
Primary Management Zone	SD060	20 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0257		0.0271	
Primary Management Zone	SD060	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0417		0.0439	
Primary Management Zone	SD060	15 Nov 2021	Normal	NSW_0908_PFASOMP	0.0014	-	0.0912	-	0.114	
Primary Management Zone	SD060	18 May 2022	Normal	NSW_0908_PFASOMP	0.0014	-	0.226	-	0.248	
Primary Management Zone	SD060	09 Nov 2022	Normal	NSW_0908_PFASOMP	0.0003	-	0.0149	-	0.0183	
Primary Management Zone	SD060	09 Nov 2022	Field_D	NSW_0908_PFASOMP	0.0004	-	0.0213	-	0.0252	
Primary Management Zone	SD060	09 Nov 2022	Interlab_D	NSW_0908_PFASOMP	0.0003	-	0.012	-	0.014	
Primary Management Zone	SD060	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0017	-	0.0023	-
Primary Management Zone	SD060	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	0.0045	-	1.03	New Maximum	1.11	New Maximum
Secondary Management Zone	SD001	18 Jun 2014	Normal	NSW_0908_PFAS	<0.005		0.17		0.17	
Secondary Management Zone	SD001	13 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0015		0.0015	
Secondary Management Zone	SD001	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0774		0.0917	
Secondary Management Zone	SD001	14 Dec 2016	Field_D	NSW_0908_PFAS	<0.0002		0.096		0.117	
Secondary Management Zone	SD001	14 Dec 2016	Field_D	NSW_0908_PFAS	-		-		0.1173	
Secondary Management Zone	SD001	14 Dec 2016	Interlab_D	NSW_0908_PFAS	0.0031		0.076		0.0825	
Secondary Management Zone	SD001	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0022		0.0024	
Secondary Management Zone	SD001	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.146		0.1556	
Secondary Management Zone	SD001	06 Dec 2018	Normal	NSW_0908_PFAS	-		-		0.156	
Secondary Management Zone	SD001	14 Jun 2019	Normal	NSW_0908_PFAS	0.0014		0.13		0.144	
Secondary Management Zone	SD001	14 Jun 2019	Normal	NSW_0908_PFAS	-		-		0.1444	
Secondary Management Zone	SD001	05 Nov 2019	Normal	NSW_0908_PFASOMP	0.0006		0.0974		0.106	
Secondary Management Zone	SD001	02 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0010		0.0239		0.0257	
Secondary Management Zone	SD001	20 Nov 2020	Normal	NSW_0908_PFASOMP	0.0004		0.0393		0.045	

Table E3 - Historical Sediment Analytical Results and Deviations

					PFAS Results and Deviations					
					PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
					mg/kg		mg/kg		mg/kg	
LOR					0.0002		0.0002		0.0002	
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**						
Secondary Management Zone	SD001	20 Nov 2020	Field_D	NSW_0908_PFASOMP	0.0004		0.0401		0.0459	
Secondary Management Zone	SD001	20 Nov 2020	Interlab_D	NSW_0908_PFASOMP	<0.001		0.044		0.058	
Secondary Management Zone	SD001	11 May 2021	Normal	NSW_0908_PFASOMP	0.0004		0.0787		0.0863	
Secondary Management Zone	SD001	19 Nov 2021	Normal	NSW_0908_PFASOMP	0.0003	-	0.0207	-	0.0238	-
Secondary Management Zone	SD001	19 Nov 2021	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0191	-	0.0214	-
Secondary Management Zone	SD001	19 Nov 2021	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.011	-	0.012	-
Secondary Management Zone	SD001	18 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0014	New Minimum	0.0016	-
Secondary Management Zone	SD001	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0936	-	0.102	-
Secondary Management Zone	SD001	08 May 2023	Normal	NSW_0908_PFASOMP_23	0.001	-	0.142	-	0.149	-
Secondary Management Zone	SD001	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	0.0007	-	0.143	-	0.152	-
Secondary Management Zone	SD006	23 Jun 2014	Normal	NSW_0908_PFAS	<0.005		0.018		0.018	
Secondary Management Zone	SD006	13 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0185		0.0185	
Secondary Management Zone	SD006	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0238		0.0253	
Secondary Management Zone	SD006	12 Apr 2018	Normal	NSW_0908_PFAS	0.0002		0.0208		0.0226	
Secondary Management Zone	SD006	06 Dec 2018	Normal	NSW_0908_PFAS	0.0002		0.0157		0.0178	
Secondary Management Zone	SD006	14 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0729		0.0769	
Secondary Management Zone	SD006	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0018		0.0018	
Secondary Management Zone	SD006	02 Jun 2020	Normal	NSW_0908_PFASOMP	0.0002		0.0988		0.101	
Secondary Management Zone	SD006	20 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0077		0.008	
Secondary Management Zone	SD006	11 May 2021	Normal	NSW_0908_PFASOMP	0.0038		1.2		1.24	
Secondary Management Zone	SD006	17 Nov 2021	Normal	NSW_0908_PFASOMP	0.0004	-	0.131	-	0.137	-
Secondary Management Zone	SD006	18 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0296	-	0.0306	-
Secondary Management Zone	SD006	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.336	-	0.339	-
Secondary Management Zone	SD006	08 May 2023	Normal	NSW_0908_PFASOMP_23	0.0004	-	0.2	-	0.208	-
Secondary Management Zone	SD006	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	0.0006	-	0.859	-	0.883	-
Secondary Management Zone	SD007	13 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		<0.0005		<0.0005	
Secondary Management Zone	SD007	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.001		0.0013	
Secondary Management Zone	SD007	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0031		0.0035	
Secondary Management Zone	SD007	12 Apr 2018	Field_D	NSW_0908_PFAS	<0.0002		0.0021		0.0023	
Secondary Management Zone	SD007	12 Apr 2018	Interlab_D	NSW_0908_PFAS	<0.001		0.0035		0.0045	
Secondary Management Zone	SD007	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0241		0.0255	
Secondary Management Zone	SD007	14 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.011		0.0112	
Secondary Management Zone	SD007	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0249		0.0259	
Secondary Management Zone	SD007	02 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0066		0.0072	
Secondary Management Zone	SD007	20 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0156		0.0161	
Secondary Management Zone	SD007	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0068		0.0073	
Secondary Management Zone	SD007	16 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0471	New Maximum	0.0482	New Maximum
Secondary Management Zone	SD007	18 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.005	-	0.0056	-
Secondary Management Zone	SD007	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0088	-	0.0097	-
Secondary Management Zone	SD007	08 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0383	-	0.039	-
Secondary Management Zone	SD007	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.015	-	0.016	-
Secondary Management Zone	SD009	28 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		<0.0005		<0.0005	
Secondary Management Zone	SD009	14 Dec 2016	Normal	NSW_0908_PFAS	0.0004		0.0868		0.0984	
Secondary Management Zone	SD009	01 May 2018	Normal	NSW_0908_PFAS	0.0003		0.0702		0.0807	
Secondary Management Zone	SD009	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		<0.0002		0.0006	
Secondary Management Zone	SD009	07 Dec 2018	Normal	NSW_0908_PFAS	-		-		0.0008	
Secondary Management Zone	SD009	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0016		0.0018	
Secondary Management Zone	SD009	06 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0057		0.0062	
Secondary Management Zone	SD009	24 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0051		0.0054	
Secondary Management Zone	SD009	26 Nov 2020	Normal	NSW_0908_PFASOMP	0.0002		0.0556		0.0586	
Secondary Management Zone	SD009	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0247		0.0259	
Secondary Management Zone	SD009	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0171	-	0.018	-
Secondary Management Zone	SD009	17 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0077	-	0.0081	-
Secondary Management Zone	SD009	17 May 2022	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0194	-	0.021	-
Secondary Management Zone	SD009	17 May 2022	Interlab_D	NSW_0908_PFASOMP	0.0001	-	0.035	-	0.036	-
Secondary Management Zone	SD009	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0133	-	0.0146	-
Secondary Management Zone	SD009	08 Nov 2022	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0062	-	0.007	-
Secondary Management Zone	SD009	08 Nov 2022	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.0059	-	0.0064	-
Secondary Management Zone	SD009	08 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0131	-	0.0139	-
Secondary Management Zone	SD009	08 May 2023	Field_D	NSW_0908_PFASOMP_23	<0.0002	-	0.0176	-	0.0187	-
Secondary Management Zone	SD009	08 May 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0001	-	0.028	-	0.029	-
Secondary Management Zone	SD009	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0112	-	0.0119	-
Secondary Management Zone	SD011	12 Feb 2016	Normal	NSW_0908_PFAS	<0.0005		0.0006		0.0006	
Secondary Management Zone	SD011	12 Feb 2016	Field_D	NSW_0908_PFAS	<0.0005		0.0006		0.0006	
Secondary Management Zone	SD011	13 Feb 2017	Normal	NSW_0908_PFAS	<0.0002		0.0028		0.0033	
Secondary Management Zone	SD011	07 Dec 2018	Normal	NSW_0908_PFAS	0.0002		0.0154		0.0169	
Secondary Management Zone	SD011	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0084		0.009	
Secondary Management Zone	SD011	06 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0065		0.0069	
Secondary Management Zone	SD011	19 Jun 2020	Normal	NSW_0908_PFASOMP	0.0004		0.0359		0.0381	
Secondary Management Zone	SD011	26 Nov 2020	Normal	NSW_0908_PFASOMP	0.0003		0.125		0.138	
Secondary Management Zone	SD011	26 Nov 2020	Field_D	NSW_0908_PFASOMP	0.0002		0.0651		0.0685	
Secondary Management Zone	SD011	26 Nov 2020	Interlab_D	NSW_0908_PFASOMP	<0.001		0.027		0.0285	
Secondary Management Zone	SD011	26 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0217		0.0224	
Secondary Management Zone	SD011	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0396	-	0.0407	-
Secondary Management Zone	SD011	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.02	-	0.0207	-
Secondary Management Zone	SD011	28 Nov 2023	Field_D	NSW_0908_PFASOMP_23	<0.0002	-	0.0191	-	0.0198	-
Secondary Management Zone	SD011	28 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0001	-	0.018	-	0.019	-
Secondary Management Zone	SD019	30 Jan 2017	Normal	NSW_0908_PFAS	<0.0002		0.0245		0.027	
Secondary Management Zone	SD019	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0035		0.0035	
Secondary Management Zone	SD019	12 Apr 2018	Normal	NSW_0908_PFAS	-		-		0.0037	
Secondary Management Zone	SD019	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		<0.0002		<0.0002	
Secondary Management Zone	SD019	07 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0006		0.0006	
Secondary Management Zone	SD019	26 May 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0044		0.0048	
Secondary Management Zone	SD019	12 Nov 2020	Normal	NSW_0908_PFASOMP	0.0004		0.0117		0.0136	
Secondary Management Zone	SD019	10 May 2021	Normal	NSW_0908_PFASOMP	0.0007		0.116		0.13	
Secondary Management Zone	SD019	12 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0053	-	0.0053	-
Secondary Management Zone	SD019	27 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0125	-	0.0132	-
Secondary Management Zone	SD019	14 Nov 2022	Normal	NSW_0908_PFASOMP	0.0008	New Maximum	0.0283	-	0.0311	-
Secondary Management Zone	SD019	17 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0007	-	0.0007	-
Secondary Management Zone	SD019	28 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0123	-	0.0131	-
Secondary Management Zone	SD023	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0012		0.0012	
Secondary Management Zone	SD023	06 Dec 2018	Normal	NSW_0908_PFAS	-		-		0.0014	
Secondary Management Zone	SD023	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0059		0.0065	
Secondary Management Zone	SD023	04 Jun 2020	Normal	NSW_0908_PFASOMP	0.0002		0.0101		0.0114	
Secondary Management Zone	SD023	20 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.004		0.0043	
Secondary Management Zone	SD023	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0163		0.0177	
Secondary Management Zone	SD023	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.002	-	0.002	-
Secondary Management Zone	SD023	17 Nov 2021	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.001	New Minimum	0.001	New Minimum
Secondary Management Zone	SD023	17 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0008	New Minimum	0.0008	New Minimum
Secondary Management Zone	SD023	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0186	New Maximum	0.0195	New Maximum
Secondary Management Zone	SD023	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0192	New Maximum	0.0203	New Maximum
Secondary Management Zone	SD023	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0055	-	0.0059	-
Secondary Management Zone	SD059	19 Jun 2014	Normal	NSW_0908_PFAS	<0.005		0.24		0.282	
Secondary Management Zone	SD059	14 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0011		0.0011	
Secondary Management Zone	SD059	14 Jan 2016	Field_D	NSW_0908_PFAS	<0.002		<0.002		<0.002	
Secondary Management Zone	SD059	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0066		0.0076	
Secondary Management Zone	SD059	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0018		0.0021	
Secondary Management Zone	SD059	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0006		0.0006	
Secondary Management Zone	SD059	06 Dec 2018	Normal	NSW_0908_PFAS	-		-		0.0008	
Secondary Management Zone	SD059	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0008		0.0011	
Secondary Management Zone	SD059	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0153		0.0171	
Secondary Management Zone	SD059	04 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0124		0.014	
Secondary Management Zone	SD059	13 Nov 2020	Normal	NSW_0908_PFASOMP	0.0004		0.0662		0.0668	
Secondary Management Zone	SD059	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0196		0.0214	
Secondary Management Zone	SD059	15 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.001	-	0.001	-
Secondary Management Zone	SD059	17 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0026	-	0.0026	-
Secondary Management Zone	SD059	09 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0003	-	0.0003	-
Secondary Management Zone	SD059	16 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	<0.0002	-	<0.0002	-

Table E3 - Historical Sediment Analytical Results and Deviations

					PFAS Results and Deviations					
					PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
					mg/kg		mg/kg		mg/kg	
LOR					0.0002		0.0002		0.0002	
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**						
Secondary Management Zone	SD059	16 May 2023	Field_D	NSW_0908_PFASOMP_23	<0.0002	-	0.0005	-	0.0009	-
Secondary Management Zone	SD059	16 May 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0001	-	0.0003	-	0.0006	-
Secondary Management Zone	SD059	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0015	-	0.0015	-
Secondary Management Zone	SD600	25 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0164	First-time Detection, New Maximum	0.0178	First-time Detection, New Maximum
Secondary Management Zone	SD600	15 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0239	New Maximum	0.0246	New Maximum
Secondary Management Zone	SD600	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.051	New Maximum	0.0526	New Maximum
Broader Management Zone	SD005	19 Jun 2014	Normal	NSW_0908_PFAS	<0.005		<0.005		<0.005	
Broader Management Zone	SD005	25 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		<0.0005		<0.0005	
Broader Management Zone	SD005	20 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.003		0.0082	
Broader Management Zone	SD005	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0012		0.0012	
Broader Management Zone	SD005	12 Apr 2018	Normal	NSW_0908_PFAS	-		-		0.0014	
Broader Management Zone	SD005	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0019		0.0022	
Broader Management Zone	SD005	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		<0.0002		<0.0002	
Broader Management Zone	SD005	06 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0008		0.0008	
Broader Management Zone	SD005	04 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0032		0.0038	
Broader Management Zone	SD005	20 Nov 2020	Normal	NSW_0908_PFASOMP	0.001		0.032		0.0335	
Broader Management Zone	SD005	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0105		0.0113	
Broader Management Zone	SD005	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0117	-	0.0137	-
Broader Management Zone	SD005	18 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.001	-	0.001	-
Broader Management Zone	SD005	08 Nov 2022	Normal	NSW_0908_PFASOMP	0.0011	New Maximum	0.0417	New Maximum	0.044	New Maximum
Broader Management Zone	SD005	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0232	-	0.0239	-
Broader Management Zone	SD005	09 May 2023	Field_D	NSW_0908_PFASOMP_23	<0.0002	-	0.0116	-	0.012	-
Broader Management Zone	SD005	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0001	-	0.025	-	0.025	-
Broader Management Zone	SD005	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0058	-	0.0065	-
Broader Management Zone	SD014	20 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0024		0.0024	
Broader Management Zone	SD014	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0002		0.0002	
Broader Management Zone	SD014	12 Apr 2018	Normal	NSW_0908_PFAS	-		-		0.0004	
Broader Management Zone	SD014	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0017		0.0017	
Broader Management Zone	SD014	06 Dec 2018	Normal	NSW_0908_PFAS	-		-		0.0019	
Broader Management Zone	SD014	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0011		0.0011	
Broader Management Zone	SD014	13 Jun 2019	Normal	NSW_0908_PFAS	-		-		0.0013	
Broader Management Zone	SD014	13 Jun 2019	Field_D	NSW_0908_PFAS	<0.0002		0.0004		0.0004	
Broader Management Zone	SD014	13 Jun 2019	Field_D	NSW_0908_PFAS	-		-		0.0006	
Broader Management Zone	SD014	13 Jun 2019	Interlab_D	NSW_0908_PFAS	<0.001		0.0028		0.0038	
Broader Management Zone	SD014	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0011		0.0011	
Broader Management Zone	SD014	04 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0093		0.0101	
Broader Management Zone	SD014	26 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0496		0.0524	
Broader Management Zone	SD014	26 Nov 2020	Field_D	NSW_0908_PFASOMP	<0.0002		0.0154		0.0162	
Broader Management Zone	SD014	26 Nov 2020	Interlab_D	NSW_0908_PFASOMP	<0.001		0.037		0.0396	
Broader Management Zone	SD014	11 May 2021	Normal	NSW_0908_PFASOMP	0.0002		0.0705		0.0758	
Broader Management Zone	SD014	17 Nov 2021	Normal	NSW_0908_PFASOMP	0.0005	New Maximum	0.0894	New Maximum	0.0977	New Maximum
Broader Management Zone	SD014	17 Nov 2021	Interlab_D	NSW_0908_PFASOMP	0.0004	-	0.059	-	0.065	-
Broader Management Zone	SD014	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0039	-	0.0041	-
Broader Management Zone	SD014	07 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0508	-	0.0528	-
Broader Management Zone	SD014	07 Nov 2022	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0255	-	0.0275	-
Broader Management Zone	SD014	07 Nov 2022	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.0096	-	0.01	-
Broader Management Zone	SD014	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0291	-	0.0301	-
Broader Management Zone	SD014	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0005	-	0.024	-	0.025	-
Broader Management Zone	SD014	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0565	-	0.059	-
Broader Management Zone	SD024	21 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0136		0.018	
Broader Management Zone	SD024	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0006		0.0006	
Broader Management Zone	SD024	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0028		0.0031	
Broader Management Zone	SD024	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0023		0.0025	
Broader Management Zone	SD024	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0017		0.002	
Broader Management Zone	SD024	04 Jun 2020	Normal	NSW_0908_PFASOMP	0.0005		0.0097		0.0111	
Broader Management Zone	SD024	20 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.017		0.0181	
Broader Management Zone	SD024	11 May 2021	Normal	NSW_0908_PFASOMP	0.0005		0.0445		0.0485	
Broader Management Zone	SD024	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0034	-	0.0039	-
Broader Management Zone	SD024	17 Nov 2021	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.0028	-	0.0032	-
Broader Management Zone	SD024	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0031	-	0.0043	-
Broader Management Zone	SD024	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.084	New Maximum	0.0899	New Maximum
Broader Management Zone	SD024	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0731	-	0.0756	-
Broader Management Zone	SD024	20 Nov 2023	Normal	NSW_0908_PFASOMP_23	0.0017	New Maximum	0.0248	-	0.0256	-
Broader Management Zone	SD062	17 Jun 2014	Normal	NSW_0908_PFAS	<0.005		0.056		0.056	
Broader Management Zone	SD062	13 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0009		0.0009	
Broader Management Zone	SD062	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.001		0.0012	
Broader Management Zone	SD062	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0079		0.0084	
Broader Management Zone	SD062	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0086		0.009	
Broader Management Zone	SD062	07 Dec 2018	Field_D	NSW_0908_PFAS	<0.0002		0.0066		0.007	
Broader Management Zone	SD062	07 Dec 2018	Interlab_D	NSW_0908_PFAS	<0.001		0.0084		0.0094	
Broader Management Zone	SD062	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0303		0.0321	
Broader Management Zone	SD062	06 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0054		0.006	
Broader Management Zone	SD062	02 Jun 2020	Normal	NSW_0908_PFASOMP	0.0004		0.08		0.086	
Broader Management Zone	SD062	20 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0031		0.0035	
Broader Management Zone	SD062	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0312		0.0336	
Broader Management Zone	SD062	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0036	-	0.0039	-
Broader Management Zone	SD062	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0004	New Minimum	0.0008	New Minimum
Broader Management Zone	SD062	07 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0008	-	0.0008	-
Broader Management Zone	SD062	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0003	New Minimum	0.0003	New Minimum
Broader Management Zone	SD062	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0192	-	0.0203	-
Broader Management Zone	SD072	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0059		0.0077	
Broader Management Zone	SD072	25 May 2020	Normal	NSW_0908_PFASOMP	0.0015		0.14		0.146	
Broader Management Zone	SD079	14 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0109		0.0109	
Broader Management Zone	SD079	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		0.0008		0.0008	
Broader Management Zone	SD079	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0071		0.0082	
Broader Management Zone	SD079	06 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0011		0.0011	
Broader Management Zone	SD079	06 Dec 2018	Normal	NSW_0908_PFAS	-		-		0.0013	
Broader Management Zone	SD079	13 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0063		0.007	
Broader Management Zone	SD079	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0017		0.0021	
Broader Management Zone	SD079	02 Jun 2020	Normal	NSW_0908_PFASOMP	0.0003		0.0597		0.0637	
Broader Management Zone	SD079	26 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0271		0.0327	
Broader Management Zone	SD079	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0079		0.0109	
Broader Management Zone	SD079	12 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0162	-	0.018	-
Broader Management Zone	SD079	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0038	-	0.0044	-
Broader Management Zone	SD079	07 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0483	-	0.0553	-
Broader Management Zone	SD079	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0363	-	0.0397	-
Broader Management Zone	SD079	21 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0005	New Minimum	0.0005	New Minimum
Broader Management Zone	SD079	21 Nov 2023	Field_D	NSW_0908_PFASOMP_23	<0.0002	-	0.0008	-	0.0008	-
Broader Management Zone	SD079	21 Nov 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0001	-	0.0008	-	0.0008	-
Broader Management Zone	SD081	13 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0095		0.0095	
Broader Management Zone	SD081	14 Dec 2016	Normal	NSW_0908_PFAS	<0.0005		0.014		0.014	
Broader Management Zone	SD081	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0021		0.0025	
Broader Management Zone	SD081	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0005		0.024		0.0255	
Broader Management Zone	SD081	14 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.019		0.0208	
Broader Management Zone	SD081	05 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0005		0.0174		0.02	
Broader Management Zone	SD081	05 Nov 2019	Field_D	NSW_0908_PFASOMP	<0.0005		0.0174		0.0196	
Broader Management Zone	SD081	05 Nov 2019	Interlab_D	NSW_0908_PFASOMP	<0.002		0.015		0.015	
Broader Management Zone	SD081	02 Jun 2020	Normal	NSW_0908_PFASOMP	0.0007		0.0434		0.0454	
Broader Management Zone	SD081	12 Nov 2020	Normal	NSW_0908_PFASOMP	0.0002		0.0123		0.0129	
Broader Management Zone	SD081	11 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0037		0.0041	
Broader Management Zone	SD081	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0062	-	0.0062	-
Broader Management Zone	SD081	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0178	-	0.0229	-
Broader Management Zone	SD081	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0005	New Minimum	0.0009	New Minimum
Broader Management Zone	SD081	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0038	-	0.0042	-
Broader Management Zone	SD081	23 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0014	-	0.0014	-
Broader Management Zone	SD082	25 Jan 2016	Normal	NSW_0908_PFAS	<0.0005		0.0266		0.0266	
Broader Management Zone	SD082	19 Dec 2016	Normal	NSW_0908_PFAS	<0.0002		<0.0002		<0.0002	
Broader Management Zone	SD082	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0104		0.0116	
Broader Management Zone	SD082	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0089		0.011	

Table E3 - Historical Sediment Analytical Results and Deviations

					PFAS Results and Deviations					
					PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
					mg/kg		mg/kg		mg/kg	
LOR					0.0002		0.0002		0.0002	
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**						
Broader Management Zone	SD082	14 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.013		0.014	
Broader Management Zone	SD082	07 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0036		0.0049	
Broader Management Zone	SD082	25 May 2020	Normal	NSW_0908_PFASOMP	0.0006		0.0653		0.0695	
Broader Management Zone	SD082	27 Nov 2020	Normal	NSW_0908_PFASOMP	0.0003		0.0317		0.0348	
Broader Management Zone	SD082	20 Apr 2021	Interlab_D	NSW_0908_PFASOMP	<0.001		0.061		-	
Broader Management Zone	SD082	20 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.042		0.0448	
Broader Management Zone	SD082	20 May 2021	Field_D	NSW_0908_PFASOMP	0.0002		0.0413		0.0447	
Broader Management Zone	SD082	19 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0253	-	0.0279	-
Broader Management Zone	SD259	21 Feb 2017	Normal	NSW_0908_PFAS	<0.0002		0.0168		0.0173	
Broader Management Zone	SD259	12 Apr 2018	Normal	NSW_0908_PFAS	<0.0002		0.0045		0.0052	
Broader Management Zone	SD259	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0014		0.0019	
Broader Management Zone	SD259	08 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.001		0.0023	
Broader Management Zone	SD259	25 May 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0078		0.0092	
Broader Management Zone	SD259	13 Nov 2020	Normal	NSW_0908_PFASOMP	0.0004		0.0111		0.014	
Broader Management Zone	SD259	10 May 2021	Normal	NSW_0908_PFASOMP	0.0004		0.0292		0.0337	
Broader Management Zone	SD259	26 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0006	New Minimum	0.001	New Minimum
Broader Management Zone	SD259	27 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0016	-	0.0016	-
Broader Management Zone	SD259	15 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0042	-	0.0047	-
Broader Management Zone	SD259	16 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0068	-	0.0073	-
Broader Management Zone	SD259	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0089	-	0.0159	-
Other: Fullerton Cove (tidal gate outlet)	SD254	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0071		0.0082	
Other: Fullerton Cove (tidal gate outlet)	SD254	14 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0039		0.0041	
Other: Fullerton Cove (tidal gate outlet)	SD254	08 Nov 2019	Normal	NSW_0908_PFASOMP	0.0003		0.0029		0.0037	
Other: Fullerton Cove (tidal gate outlet)	SD254	12 Jun 2020	Normal	NSW_0908_PFASOMP	0.0025		0.0387		0.0439	
Other: Fullerton Cove (tidal gate outlet)	SD254	12 Jun 2020	Field_D	NSW_0908_PFASOMP	0.0025		0.0322		0.037	
Other: Fullerton Cove (tidal gate outlet)	SD254	12 Jun 2020	Interlab_D	NSW_0908_PFASOMP	0.0021		0.039		0.0433	
Other: Fullerton Cove (tidal gate outlet)	SD254	13 Nov 2020	Normal	NSW_0908_PFASOMP	0.0044		0.037		0.0402	
Other: Fullerton Cove (tidal gate outlet)	SD254	10 May 2021	Normal	NSW_0908_PFASOMP	0.0037		0.0284		0.0315	
Other: Fullerton Cove (tidal gate outlet)	SD254	26 Nov 2021	Normal	NSW_0908_PFASOMP	0.0015	-	0.0416	New Maximum	0.0457	New Maximum
Other: Fullerton Cove (tidal gate outlet)	SD254	27 May 2022	Normal	NSW_0908_PFASOMP	0.0011	-	0.0276	-	0.0306	-
Other: Fullerton Cove (tidal gate outlet)	SD254	15 Nov 2022	Normal	NSW_0908_PFASOMP	0.0005	-	0.0378	-	0.0401	-
Other: Fullerton Cove (tidal gate outlet)	SD254	16 May 2023	Normal	NSW_0908_PFASOMP_23	0.0007	-	0.0321	-	0.0337	-
Other: Fullerton Cove (tidal gate outlet)	SD254	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.015	-	0.0158	-
Other: Fullerton Cove (tidal gate outlet)	SD255	07 Dec 2018	Normal	NSW_0908_PFAS	<0.0002		0.0137		0.014	
Other: Fullerton Cove (tidal gate outlet)	SD255	14 Jun 2019	Normal	NSW_0908_PFAS	<0.0002		0.0024		0.0028	
Other: Fullerton Cove (tidal gate outlet)	SD255	08 Nov 2019	Normal	NSW_0908_PFASOMP	0.0004		0.0075		0.0095	
Other: Fullerton Cove (tidal gate outlet)	SD255	12 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0116		0.0127	
Other: Fullerton Cove (tidal gate outlet)	SD255	13 Nov 2020	Normal	NSW_0908_PFASOMP	0.0008		0.0094		0.012	
Other: Fullerton Cove (tidal gate outlet)	SD255	10 May 2021	Normal	NSW_0908_PFASOMP	0.0023		0.0433		0.0477	
Other: Fullerton Cove (tidal gate outlet)	SD255	26 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0154	-	0.0161	-
Other: Fullerton Cove (tidal gate outlet)	SD255	27 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0309	-	0.0317	-
Other: Fullerton Cove (tidal gate outlet)	SD255	15 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0288	-	0.0295	-
Other: Fullerton Cove (tidal gate outlet)	SD255	16 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.018	-	0.0184	-
Other: Fullerton Cove (tidal gate outlet)	SD255	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0115	-	0.0122	-
Other: Fullerton Cove (tidal gate outlet)	SD326	08 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0013		0.0013	
Other: Fullerton Cove (tidal gate outlet)	SD326	12 Jun 2020	Normal	NSW_0908_PFASOMP	0.0003		0.0081		0.009	
Other: Fullerton Cove (tidal gate outlet)	SD326	13 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0057		0.0063	
Other: Fullerton Cove (tidal gate outlet)	SD326	10 May 2021	Normal	NSW_0908_PFASOMP	0.0011		0.0262		0.0283	
Other: Fullerton Cove (tidal gate outlet)	SD326	26 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0133	-	0.0139	-
Other: Fullerton Cove (tidal gate outlet)	SD326	27 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0154	-	0.016	-
Other: Fullerton Cove (tidal gate outlet)	SD326	15 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0093	-	0.0098	-
Other: Fullerton Cove (tidal gate outlet)	SD326	16 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0102	-	0.0106	-
Other: Fullerton Cove (tidal gate outlet)	SD326	27 Nov 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0114	-	0.0118	-

Notes
LOR = Limit of Reporting
Normal = Primary sample
Field_D = Intra-laboratory duplicate sample
Interlab_D = Inter-laboratory duplicate sample
PFAS OMP data in monitoring period: July 2021 to December 2023

Table E4 - Historical Surface Soil Analytical Results and Deviations

					PFAS Results and Deviations					
					PFOA	PFOA Deviations	PFOS	PFOS Deviations	PFOS+ PFHxS	PFOS+PFHxS Deviations
					mg/kg		mg/kg		mg/kg	
LOR					0.0002		0.0002		0.0002	
PFAS NEMP 2020 Public open space (HIL C)					**10**		**1**		**1**	
PFAS NEMP 2020 Ecological indirect exposure							*0.01*			
PFAS NEMP 2020 Ecological direct exposure					*10*		*1*			
Area	**Location Code**	**Date**	**Sample Type**	**Project ID**						
Flood Sampling Area 1	SS108	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0009		0.0009	
Flood Sampling Area 1	SS108	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.001		0.001	
Flood Sampling Area 1	SS108	13 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0023		0.0023	
Flood Sampling Area 1	SS108	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0017		0.0017	
Flood Sampling Area 1	SS108	15 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0027	New Maximum	0.0027	New Maximum
Flood Sampling Area 1	SS108	17 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0043	New Maximum	0.0052	New Maximum
Flood Sampling Area 1	SS108	09 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0046	New Maximum	0.0049	-
Flood Sampling Area 1	SS108	16 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0025	-	0.0025	-
Flood Sampling Area 1	SS109	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		<0.0002		<0.0002	
Flood Sampling Area 1	SS109	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0006		0.0006	
Flood Sampling Area 1	SS109	01 Dec 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0005		0.0005	
Flood Sampling Area 1	SS109	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.002		0.002	
Flood Sampling Area 1	SS109	15 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.002	-	0.002	-
Flood Sampling Area 1	SS109	27 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0012	-	0.0012	-
Flood Sampling Area 1	SS109	27 May 2022	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.0008	-	0.0008	-
Flood Sampling Area 1	SS109	09 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0008	-	0.0008	-
Flood Sampling Area 1	SS109	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0045	New Maximum	0.0045	New Maximum
Flood Sampling Area 2	SS111	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		<0.0002		<0.0002	
Flood Sampling Area 2	SS111	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0009		0.0009	
Flood Sampling Area 2	SS111	12 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0004		0.0004	
Flood Sampling Area 2	SS111	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0006		0.0006	
Flood Sampling Area 2	SS111	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0050	-	<0.0050	-	<0.0050	-
Flood Sampling Area 2	SS111	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0002	-	0.0002	-
Flood Sampling Area 2	SS111	15 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0006	-	0.0006	-
Flood Sampling Area 2	SS111	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0005	-	0.0005	-
Flood Sampling Area 2	SS112	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		<0.0002		<0.0002	
Flood Sampling Area 2	SS112	19 Jun 2020	Normal	NSW_0908_PFASOMP	0.0008		0.0068		0.0092	
Flood Sampling Area 2	SS112	12 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.001		0.001	
Flood Sampling Area 2	SS112	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0008		0.0008	
Flood Sampling Area 2	SS112	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0012	-	0.0016	-
Flood Sampling Area 2	SS112	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0021	-	0.0021	-
Flood Sampling Area 2	SS112	08 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0002	-	0.0002	-
Flood Sampling Area 2	SS112	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0017	-	0.0017	-
Flood Sampling Area 3	SS107	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0003		0.0003	
Flood Sampling Area 3	SS107	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0078		0.0078	
Flood Sampling Area 3	SS107	13 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0006		0.0006	
Flood Sampling Area 3	SS107	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0004		0.0004	
Flood Sampling Area 3	SS107	15 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0064	-	0.0064	-
Flood Sampling Area 3	SS107	18 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	*0.0299*	New Maximum, New Exceedance	0.0301	New Maximum
Flood Sampling Area 3	SS107	10 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0011	-	0.0011	-
Flood Sampling Area 3	SS107	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0026	-	0.0026	-
Flood Sampling Area 3	SS107	11 May 2023	Field_D	NSW_0908_PFASOMP_23	<0.0002	-	0.0032	-	0.0032	-
Flood Sampling Area 3	SS107	11 May 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0001	-	0.0034	-	0.0034	-
Flood Sampling Area 3	SS110	15 Nov 2019	Normal	NSW_0908_PFASOMP	0.0003		*0.0318*		0.0342	
Flood Sampling Area 3	SS110	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0086		0.0086	
Flood Sampling Area 3	SS110	20 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		*0.0138*		0.014	
Flood Sampling Area 3	SS110	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0036		0.0036	
Flood Sampling Area 3	SS110	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0026	New Minimum	0.0026	New Minimum
Flood Sampling Area 3	SS110	17 Nov 2021	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0035	-	0.0035	-
Flood Sampling Area 3	SS110	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	*0.0294*	-	0.03	-
Flood Sampling Area 3	SS110	07 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.005	-	0.005	-
Flood Sampling Area 3	SS110	11 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0017	New Minimum	0.0017	New Minimum
Flood Sampling Area 4	SS105	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		<0.0002		<0.0002	
Flood Sampling Area 4	SS105	15 Nov 2019	Field_D	NSW_0908_PFASOMP	<0.0002		<0.0002		<0.0002	
Flood Sampling Area 4	SS105	15 Nov 2019	Interlab_D	NSW_0908_PFASOMP	<0.001		<0.002		<0.001	
Flood Sampling Area 4	SS105	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0003		0.0003	
Flood Sampling Area 4	SS105	01 Dec 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0005		0.0005	
Flood Sampling Area 4	SS105	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0025		0.0028	
Flood Sampling Area 4	SS105	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0004	-	0.0004	-
Flood Sampling Area 4	SS105	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0006	-	0.0006	-
Flood Sampling Area 4	SS105	10 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0007	-	0.0007	-
Flood Sampling Area 4	SS105	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0011	-	0.0011	-
Flood Sampling Area 4	SS106	15 Nov 2019	Normal	NSW_0908_PFASOMP	0.0002		*0.0113*		0.0141	
Flood Sampling Area 4	SS106	19 Jun 2020	Normal	NSW_0908_PFASOMP	0.0002		0.0048		0.006	
Flood Sampling Area 4	SS106	01 Dec 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.002		0.002	
Flood Sampling Area 4	SS106	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0011		0.0011	
Flood Sampling Area 4	SS106	15 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0021	-	0.0027	-
Flood Sampling Area 4	SS106	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0017	-	0.002	-
Flood Sampling Area 4	SS106	07 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0016	-	0.0016	-
Flood Sampling Area 4	SS106	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.002	-	0.002	-
Flood Sampling Area 5	SS101	15 Nov 2019	Normal	NSW_0908_PFASOMP	0.0008		*0.0245*		0.0324	
Flood Sampling Area 5	SS101	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0028		0.0032	
Flood Sampling Area 5	SS101	26 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		*0.0139*		0.015	
Flood Sampling Area 5	SS101	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0058		0.0064	
Flood Sampling Area 5	SS101	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.004	-	0.0044	-
Flood Sampling Area 5	SS101	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0023	New Minimum	0.0025	New Minimum
Flood Sampling Area 5	SS101	07 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.003	-	0.0033	-
Flood Sampling Area 5	SS101	07 Nov 2022	Field_D	NSW_0908_PFASOMP	<0.0002	-	0.0026	-	0.0031	-
Flood Sampling Area 5	SS101	07 Nov 2022	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.0022	New Minimum	0.0024	New Minimum
Flood Sampling Area 5	SS101	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0007	New Minimum	0.0007	New Minimum
Flood Sampling Area 5	SS101	09 May 2023	Interlab_D	NSW_0908_PFASOMP_23	<0.0001	-	0.0009	-	0.0009	-
Flood Sampling Area 5	SS102	15 Nov 2019	Normal	NSW_0908_PFASOMP	0.0003		*0.0119*		0.0191	
Flood Sampling Area 5	SS102	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0031		0.0034	
Flood Sampling Area 5	SS102	26 Nov 2020	Normal	NSW_0908_PFASOMP	<0.0002		*0.019*		0.0211	
Flood Sampling Area 5	SS102	26 Nov 2020	Field_D	NSW_0908_PFASOMP	<0.0002		*0.0208*		0.0229	
Flood Sampling Area 5	SS102	26 Nov 2020	Interlab_D	NSW_0908_PFASOMP	<0.001		*0.015*		0.0168	
Flood Sampling Area 5	SS102	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0091		0.0101	
Flood Sampling Area 5	SS102	17 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0031	-	0.0031	New Minimum
Flood Sampling Area 5	SS102	16 May 2022	Normal	NSW_0908_PFASOMP	0.0002	-	*0.0149*	-	0.0157	-
Flood Sampling Area 5	SS102	16 May 2022	Field_D	NSW_0908_PFASOMP	0.0002	-	*0.0132*	-	0.0139	-
Flood Sampling Area 5	SS102	07 Nov 2022	Normal	NSW_0908_PFASOMP	0.0003	-	*0.0408*	New Maximum	0.0468	New Maximum
Flood Sampling Area 5	SS102	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0043	-	0.0077	-
Flood Sampling Area 5	SS102	09 May 2023	Field_D	NSW_0908_PFASOMP_23	<0.0002	-	0.0049	-	0.0072	-
Flood Sampling Area 6	SS103	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0022		0.0024	
Flood Sampling Area 6	SS103	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		*0.0121*		0.014	
Flood Sampling Area 6	SS103	01 Dec 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0053		0.0056	
Flood Sampling Area 6	SS103	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0024		0.0027	
Flood Sampling Area 6	SS103	19 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0015	New Minimum	0.0015	New Minimum
Flood Sampling Area 6	SS103	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.001	New Minimum	0.001	New Minimum
Flood Sampling Area 6	SS103	07 Nov 2022	Normal	NSW_0908_PFASOMP	0.0009	First-time Detection, New Maximum	*0.0194*	New Maximum	0.0223	New Maximum
Flood Sampling Area 6	SS103	09 May 2023	Normal	NSW_0908_PFASOMP_23	0.0002	-	*0.0212*	New Maximum	0.0256	New Maximum
Flood Sampling Area 6	SS104	15 Nov 2019	Normal	NSW_0908_PFASOMP	<0.0002		0.0002		0.0002	
Flood Sampling Area 6	SS104	19 Jun 2020	Normal	NSW_0908_PFASOMP	<0.0002		0.0008		0.0008	
Flood Sampling Area 6	SS104	01 Dec 2020	Normal	NSW_0908_PFASOMP	<0.0002		<0.0002		<0.0002	
Flood Sampling Area 6	SS104	12 May 2021	Normal	NSW_0908_PFASOMP	<0.0002		0.0002		0.0002	
Flood Sampling Area 6	SS104	19 Nov 2021	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0008	-	0.0008	-
Flood Sampling Area 6	SS104	19 Nov 2021	Interlab_D	NSW_0908_PFASOMP	<0.0001	-	0.0009	New Maximum	0.0009	New Maximum
Flood Sampling Area 6	SS104	16 May 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	0.0004	-	0.0004	-
Flood Sampling Area 6	SS104	10 Nov 2022	Normal	NSW_0908_PFASOMP	<0.0002	-	<0.0002	-	<0.0002	-
Flood Sampling Area 6	SS104	09 May 2023	Normal	NSW_0908_PFASOMP_23	<0.0002	-	0.0005	-	0.0005	-

Notes
LOR = Limit of Reporting
Normal = Primary sample
Field_D = Intra-laboratory duplicate sample
Interlab_D = Inter-laboratory duplicate sample
PFAS OMP data in monitoring period: July 2021 to December 2023

Appendix F

SAQP

Prepared for
Department of Defence
ABN: 68 706 814 312

DRAFT

Sampling and Analysis Quality Plan

PFAS OMP - RAAF Base Williamtown

03-Nov-2023
PFAS Ongoing Monitoring Program - RAAF Base Williamtown
Doc No. 20231103_OMP002_WLM_SAQP_Rev-K

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Sampling and Analysis Quality Plan

PFAS OMP - RAAF Base Williamtown

Client: Department of Defence

ABN: 68 706 814 312

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03-Nov-2023

Job No.: 60612562

AECOM in Australia and New Zealand is certified to ISO9001, ISO14001 and ISO45001.

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Quality Information

Document Sampling and Analysis Quality Plan

Ref 60612562

Date 03-Nov-2023

Revision History

Rev	Revision Date	Details
A	11-Oct-2019	Draft
B	6 -Nov-2019	Updated Draft
C	06-Aug-2020	Updated Draft
D	05-May-2021	Updated Draft
E	26-Oct-2021	Updated Draft
F	22-Apr-2022	Updated Draft
G	13-May-2022	Updated Draft
H	21-Oct-2022	Updated Draft
I	04-Nov-2022	Updated Draft
J	26-Apr-2023	Updated Draft
K	03-Nov-2023	Updated Draft

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1.0 Introduction

1.1 Preamble

AECOM Australia Pty Ltd (AECOM) has prepared this Sampling and Analysis Quality Plan (SAQP) for the implementation of the per- and poly-fluoroalkyl substances (PFAS) Ongoing Monitoring Plan (OMP) at RAAF Base Williamtown (the 'Site') and the surrounding off-Site areas, including the Williamtown Management Area (refer to **Figure 1** in **Appendix A**).

The SAQP supports the *PFAS Ongoing Monitoring Plan – May 2019, RAAF Base Williamtown* (AECOM, 2019a), here-in referred to as OMP (AECOM, 2019a). The following addenda to the OMP are also supported by the SAQP:

- *Addendum OMP – Event Sampling, RAAF Base Williamtown* (AECOM, 2019b)
- *Addendum OMP – Biota Sampling, RAAF Base Williamtown* (AECOM, 2019c).

The purpose of the OMP is to collect data that will enable Defence to maintain an up to date understanding of the distribution, concentration, transport (migration pathways and rates) and transformation of PFAS at the Site and Williamtown Management Area.

The data will assist in the timely identification of risks and inform Defence's approach to the management of PFAS, including updates and revisions to the PFAS Management Area Plan (PMAP) (Defence, 2019).

Note that the initial 3-year monitoring period was completed in June 2022, and this SAQP covers the monitoring for the two-year extension period, between July 2022 and June 2024. The following scopes under the OMP (AECOM, 2019a to 2019c) have been completed and are not covered by this SAQP:

- Flood soil sampling
- Event sampling utilising autosamplers
- Surface water mass flux baseline sampling.

1.2 SAQP Objectives

The objectives of this SAQP are to:

- define the proposed scope of works in detail
- outline the proposed sampling methodology to be adopted
- outline the proposed quality assurance and quality control (QA/QC) measures to be adopted
- define the data collection requirements for the project.

1.3 Scope of Works

To meet the objectives, the following scope of works are proposed as per the OMP (AECOM, 2019a):

- monitor the nature and extent (spatial and temporal) of PFAS impact in groundwater, surface water, sediment and biota pathways associated with site sources of PFAS derived from the historical use of aqueous film forming foam (AFFF)
- monitor the migration of PFAS in groundwater and surface water from the Site, utilising newly obtained and historical data
- provide confirmation of the current understanding of risk
- provide supporting data for assessment of management actions, where relevant.

1.4 Guidelines and Legislation

The SAQP has been developed with reference to the following guidelines and legislation:

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- Australian and New Zealand Guidelines, 2018. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*.
- Department of Defence, 2018. *Contamination Management Manual – Annex L Data Management*. August 2018, Amended June 2021.
- Department of Defence, 2022. *PFAS Investigation and Management, Guidance Document E Standard PFAS Analytical Suite*. June 2022.
- Department of Health, 2017. *Health Based Guidance Values for PFAS for use in site investigations in Australia*. April 2017.
- FSANZ, 2017. *Supporting Document 1: Hazard assessment report – Perfluorooctane Sulfonate (PFOS), Perfluorooctanoic Acid (PFOA), Perfluorohexane Sulfonate (PFHxS).*
- Heads of EPAs Australia and New Zealand (HEPA) 2020. *PFAS National Environmental Management Plan 2.0*. January 2020.
- National Environment Protection Council (NEPC), 2013. *National Environment Protection (Assessment of Site Contamination) Measure 1999 (as amended 2013).*
- National Health and Medical Research Council (NHMRC), 2019. *Guidance on PFAS in Recreational Water.* August 2019.
- Standards Australia, 1998. AS/NZ 5667:1998 Water Quality – Sampling. Part 11: Guidance on sampling of groundwaters.

1.5 Previous investigations

The previous investigations carried out at the Site prior to the implementation of the OMP include the Environmental Site Assessment (ESA) (AECOM, 2017a), the Off-Site Human Health Risk Assessment (HHRA) (AECOM, 2017b) and the Ecological Risk Assessment (ERA) (AECOM, 2018). These reports detailed the nature and extent of PFAS at the Site and its associated risks, to both human and ecological receptors from sources of PFAS contamination related to legacy use of AFFF at RAAF Williamtown.

The PMAP (Defence, 2019) was subsequently developed and includes the overall purpose and requirements of the OMP.

Additionally, to date, the following reports have been prepared under the OMP:

- 16 OMP Sampling Event Factual Reports, as well as other flood or surface water specific event reports (AECOM, 2020a to 2020c, and 2021c to 2021n).
- Two OMP Annual Interpretive Reports (AECOM, 2021a to 2021b).

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2.0 Site Setting

2.1 Site Description

The Site is located on Medowie Road, approximately 15 km north of the City of Newcastle, in a rural and semi-rural setting. The Site is an active airbase and occupies an area of approximately 800 ha and comprises 'landside' and 'airside' areas:

- Landside areas are partially covered by hardstand and pavement consisting of concrete, asphalt roadways, and contain a large number of low-rise buildings, accommodation properties, workshops, aircraft hangars, fuel storage areas and storage facilities.
- Airside areas consist of taxiways, aprons and the main runway.

The Site is located within the Tomago Sandbeds, with Newcastle Airport and rural residential properties located at the southern boundary. The site is located within the Port Stephens Council Local Government Area.

In November 2017, the NSW Government released the map of the Williamtown Management Area (refer to **Appendix B**) following refinement of the boundaries of the former Investigation Area that was originally determined in late 2015. Refinement of the Management Area was possible due to the significant amount of data collected in 2017 and an increase in knowledge of the surface and groundwater in the former Investigation Area, together with the results of modelling of movement of PFAS in the former Investigation Area into the future.

The Management Area comprises three zones that have been defined by the NSW government:

- **Primary Management Zone** – this area has significantly higher levels of PFAS detected and, therefore, the strongest precautionary advice applies.
- **Secondary Management Zone** – this area has some detected levels of PFAS.
- **Broader Management Zone** – the topography and hydrology of the area means PFAS detections could occur now and into the future.

The NSW government noted that each zone has tailored precautionary advice for residents to minimise exposure to PFAS coming from the Site.

2.1.1 Regional Meteorology

The Bureau of Meteorology (BoM) RAAF Base Williamtown (station number 061078), located on Site, recorded data since 1942 to current day, presenting a record of approximately 81 years. The following is a summary of temperature and rainfall data for this period:

- Mean monthly maximum temperatures have varied from 17.2°C in July to 28.3°C in January.
- Mean rainfall at the Site is 1,132.4 mm per annum. The lowest recorded annual rainfall was 541.0 mm in 1980 and the highest annual rainfall was 1,793.7 mm in 1963. The highest monthly rainfall generally occurs between February and June (averaging approximately 117 mm per month), with the lowest rainfall in July to December (averaging approximately 74 mm per month).

The temperature and rainfall data for recent monitoring events is summarised below:

- Mean monthly maximum temperature was 20.6 °C in May 2022 and 24.8 °C in November 2022.
- Total monthly rainfall was 114.2 mm in May 2022 and 50.0 mm in November 2022.

2.1.2 Topography and Geology

The Management Area is situated in an area associated with the Lower Hunter River. Its topography is dominated by dune systems to the north-north-west and the Stockton Dunes to the south-east, with flat, low-lying former swamp lands between.

The region is generally low lying and characterised by low sand dunes, sand sheets and estuarine mud flats. The topography is relatively flat with ground elevation ranging between approximately 10 m Australian Height Datum (AHD) at the north of the Site and approximately 2 m AHD in the south, near

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Fullerton Cove. A low lying, flat topography characterises the areas between Fullerton Cove and Tilligerry Creek with elevations between 1 and 3 m AHD.

The Site and the majority of the northern half of the Management Area are underlain by the Tomago Sandbeds. The southern/ south-western parts of the Management Area are underlain by the Stockton Sandbeds. The geology of the Management Area can be divided into the following main features:

- Basement rocks formed during the Late Permian period
- Unconsolidated deposits formed during the Pleistocene (Tomago Sandbeds) and Holocene (Stockton Sandbeds) periods, under marine, beach, back barrier, aeolian and estuarine environments
- Holocene estuarine sediments deposited between the unconsolidated sand deposits (i.e. Tilligerry Mud Member).

2.1.3 Hydrogeology

The hydrogeology of the Lower Hunter region is characterised by two unconfined sand aquifers which occur in the Tomago Sandbeds and the Stockton Sandbeds. PFAS source areas on the Site are located on the Tomago Sandbeds and PFAS migration in groundwater appears to occur principally within that aquifer. Further migration of the PFAS plume appears to be restricted by the north-westerly groundwater flow of the Stockton Sandbeds and by the presence of the confining effects of the Tilligerry Mud Member.

Aquifer recharge is predominately from rainfall, with groundwater levels fluctuating markedly in response to rainfall patterns. Recharge of the aquifer has been reported to be at about 30% of the mean annual rainfall. The aquifers support several groundwater dependent ecosystems including wetlands and terrestrial vegetation

The Tomago Sandbeds aquifer is within a ‘special requirements area’ due to its strategic importance to Hunter Water Corporation (HWC). HWC operates a borefield network of over 500 individual bores within the Tomago Sandbeds aquifer that are connected to pumping stations.

Within the Management Area there are more than 300 groundwater bores located on private land, the majority of which are inferred to draw water from shallow depths in the Tomago Sandbeds.

2.1.4 Vegetation

The Site consists of approximately 240 ha of remnant native vegetation. The remnant native vegetation consists of the following dominant vegetation types (AECOM, 2018):

- Broad-leaved Paperbark / Swamp Mahogany
- Smooth-barked Apple / Red Bloodwood Open Forest
- Scribbly Gum Open Forest
- Isolated mature Drooping Red Gum trees.

The Site is surrounded on three sides (west, north and east) by the Tilligerry State Conservation Area (TSCA). The Site and the TSCA are located on the Tomago Sandbeds which provide habitat to a variety of coastal vegetation communities, including the following (AECOM, 2018):

- Clay Wallum Scrub
- Earp’s Gum Sedge Woodland
- Paperbark-Apple-Mahogany Dry Swamp Forest
- Scribbly Gum-Apple-Bloodwood Forest
- Scribbly Gum-Bloodwood Wallum Woodland
- Swamp Mahogany Forest

- Tomago Blackbutt-Apple-Bloodwood Forest.

2.1.5 Surface Water Drainage

Surface water drainage at the Site occurs via a number of sub catchments controlled by topography and a complex network of open and buried drains, discharging to the western/ southern boundary (to Dawsons Drain) and the eastern boundary of the Site (to Moors Drain). Drainage patterns within the Site continue to be modified by on-going redevelopment works.

The shallow groundwater table across the Site fluctuates in response to rainfall conditions. On-Site drains may gain (receive) groundwater when the groundwater table is elevated or lose (soak) to groundwater when the groundwater table is lower. It appears that the on-Site piped stormwater drainage network interacts with the shallow groundwater.

A large proportion of surface runoff from central and western areas of the Site is collected by Lake Cochran, which is considered to be a source of localised groundwater recharge.

Key drainage channels that receive surface water from the Site include Dawsons Drain, Moors Drain, and (indirectly) Fourteen Foot Drain and Ten Foot Drain to the south-west of the Site, which discharge towards the Fullerton Cove Ring Drain and thence Fullerton Cove via tidal gates.

2.1.6 Current Surrounding Land Use

The current land uses of the surrounding off-Site areas include the following:

- A mix of commercial/ industrial activities adjacent to the southern boundary of the Site. This area is likely to expand over the coming years as demand increases at Newcastle Airport
- A mix of residential and rural residential holdings with some agricultural properties.
- Tilligerry State Conservation Areas to the west, north and east.
- Hunter Water Corporation lands to the west.
- Sand mining and quarry operations to the west of the Site on Cabbage Tree Road.

2.2 Conceptual Site Model

The Conceptual Site Model (CSM) is presented in the PMAP (Defence, 2019) which summarises the linkages between sources, exposure pathways and receptors, which was based on the assessments of risk exposure pathways presented in the Stage 2B Environmental Investigation (EI) (AECOM, 2017a), HHRA (AECOM, 2017b) and the ERA (AECOM, 2018).

The CSM identified key primary PFAS source areas (where AFFF containing PFAS is understood to have been used or disposed of in the past) and secondary PFAS source areas (where PFAS has migrated to a location where it creates a concentration of impact).

The HHRA (AECOM, 2017b) considered potential PFAS exposure pathways that could contribute to overall PFAS exposure. These pathways included consideration of human health risks to identified off-Site human receptors as a result of exposure to elevated PFAS concentrations reported in soil, groundwater, surface water, sediment, terrestrial biota and seafood within the Management Area (excluding the Site). The HHRA (AECOM, 2017b) concluded that if people within the Williamtown Management Area follow the NSW Government precautionary advice, their exposure to PFAS is unlikely to exceed the tolerable daily intake.

The exposure pathways with elevated PFAS exposure, included but not limited to:

- Drinking groundwater with detectable PFAS (Primary and Secondary Management Zones).
- Drinking groundwater where the average PFAS concentration exceeds the drinking water guidelines (Management Area).
- Eating home grown vegetables (Primary and Secondary Management Zones)
- Eating home grown beef (Management Area)

- Eating high quantities of locally sourced finfish (Management Area)

Ecological receptors who may be exposed to PFAS via the following:

- Toxicity to terrestrial and aquatic organisms from direct exposure to PFAS in soil, sediment or surface water. Applies to drains in Management Area, including Dawsons Drain and Moors Drain.
- Consumption of organisms that have been exposed to PFAS where bioaccumulation is occurring.

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3.0 Data Quality Objectives

3.1 DQO Process

The amended National Environmental Protection Measure (NEPM, Schedule B [2]) *Guideline on Site Characterisation* (2013) specifies that the nature and quality of the data produced in an investigation will be determined by the Data Quality Objectives (DQOs). As referenced by the NEPM, the DQO process is detailed in the United States Environmental Protection Agency (US EPA) *Guidance on Systematic Planning Using the Data Quality Objectives Process (EPA QA/G-4: EPA/240/B-06/001), February 2006.*

The US EPA defines the process as *'a strategic planning approach based on the Scientific Method that is used to prepare for a data collection activity. It provides a systematic procedure for defining the criteria that a data collection design should satisfy, including when to collect samples, where to collect samples, the tolerable level of decision errors for the study, and how many samples to collect'.*

The process of establishing appropriate DQOs is defined according to the following seven steps:

Table 1 The seven steps in defining DQOs

Step	Data Quality Objective Step
1	**State the problem** – Define the problem that necessitates the study; identify the planning team, examine budget, schedule.
2	**Identify the goal of the study** – State how environmental data will be used in meeting objectives and solving the problem, identify study questions, define alternative outcomes.
3	**Identify information inputs** – Identify data and information needed to answer study questions.
4	**Define the boundaries of the study** – Specify the target population and characteristics of interest, define spatial and temporal limits, scale of inference.
5	**Develop the analytic approach** – Define the parameter of interest, specify the type of inference, and develop the logic for drawing conclusions from findings.
6	**Specify performance or acceptance criteria** – Develop performance criteria for new data being collected or acceptable criteria for existing data being considered for use.
7	**Develop the plan for obtaining data** – Select the resource-effective sampling and analysis plan that meets the performance criteria.

The approach adopted relative to the seven steps presented above is discussed below.

3.1.1 Step 1 – State the Problem

Defence and State agencies require up-to-date data to enable informed risk management decisions to protect human health and the environment, given that elevated concentrations of PFAS have been identified in environmental media.

Defence required an understanding of the holistic effect of PFAS management response activities that have and will be implemented.

Additionally, the data is also required by NSW government to provide ongoing feedback on human health risk and dietary advice. Specifically, this involves temporal monitoring of PFAS concentrations in selected biota to provide data necessary to support and/or update the ongoing advice relating to minimising exposure (e.g. consumption of seafood).

The data collected by this SAQP will provide a detailed dataset that can be used to assist with assessment of temporal changes in PFAS concentrations in groundwater, surface water, sediment and soil on- and off-Site. Additionally, NSW government had requested that temporal variation of PFAS concentrations in selected sentinel species need to be monitored through the collection of additional biota samples. This will facilitate refinement of the CSM, allow update of the human health and ecological risk assessment and inform decisions by Defence and NSW EPA, and possibly other government agencies, if required.

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3.1.2 Step 2 – Identify the Goal of the Study

The goal of the study is to establish a systematic routine groundwater, surface water/sediment, soil and biota sampling and analysis program to provide current and ongoing information on the nature and extent of PFAS (contaminants of potential concern) in the environment within the Management Area.

3.1.3 Step 3 – Identify Information Inputs

To allow assessment of the data against the study goal listed in Step 2, the following inputs will be considered:

- PFAS results from previous environmental investigations.
- meteorological data including rainfall.
- previous and new data collected during the implementation of the OMP.
- groundwater, surface water, sediment, soil and biota data collected and analysed for PFAS, as part of the SAQP.
- groundwater elevation data.
- advances in laboratory analytical approaches and changes in regulatory requirements.

It is noted that additional biota species that are caught will be retained as a contingency in the scenario that not all the nominated species can be collected within a sampling event; or that significant concentrations of PFAS are found in the target species, which would warrant sampling not only in other locations, but more broadly among additional species.

3.1.4 Step 4 – Define the Boundaries of the Study

The spatial boundaries that apply for data collection are detailed below and will influence the decision-making process for ongoing monitoring:

- the spatial boundary for data collection is the Site and the Management Area (refer to **Appendix A**).
- the sampling completed as part of the SAQP will be limited to groundwater, surface water, sediment, soil and biota at the frequencies defined in **Section 4.2**.
- the initial 3-year monitoring period was completed between 2019 and 2022. The two-year extension period is between July 2022 and June 2024. Note that the monitoring will be long term (beyond the two-year extension) following the completion of the OMP Review and update of the OMP (AECOM, 2019a), which is planned to be completed in 2023.

It is envisaged that monitoring will continue after the response management has ended. This is the timeframe over which the PMAP remediation actions have been completed, and the monitoring following this period will be assessed with advice from the NSW Government.

3.1.5 Step 5 – Develop the Analytical Approach

The decision rules can be defined as:

- analytical selection: all samples will be analysed for the extended PFAS suite.
- analytical method selection for PFAS is based on achieving appropriate laboratory limit of reporting (LOR) in the various media to be analysed.
- sample locations have been selected with the objective of monitoring PFAS trends (temporal and seasonal), providing early warning of changes in the migration of PFAS in surface water and groundwater.
- if the laboratory QA/QC data are within the acceptable ranges, the data will be considered suitable for use.
- if PFAS concentrations are reported above the laboratory LOR, where it was previously <LOR, then it will be considered whether further assessment of the data will be required.

- if the PFAS is reported at a concentration that is above drinking water guideline in groundwater, then it will be considered that further assessment is required and/or notification.
- if the PFAS is reported at a concentration that is inside a trigger value or acceptable range, then it will be considered whether monitoring is continued or reduced.

The decision on the acceptance of the analytical data should be made on the basis of the Data Quality Indicators (DQIs) as follows:

- **Precision:** A quantitative measure of the variability (or reproducibility) of data.
- **Accuracy**: A quantitative measure of the closeness of reported data to the “true” value.
- **Representativeness**: The confidence (expressed qualitatively) that data are representative of each media present on Site.
- **Completeness**: A measure of the amount of useable data from a data collection activity.
- **Comparability**: The confidence (expressed qualitatively) that data may be considered to be equivalent for each sampling and analytical event.

3.1.6 Step 6 – Specify Performance or Acceptance Criteria

Specific limits for the works included in the OMP (AECOM, 2019a) are in accordance with the appropriate guidance made or endorsed by state and national regulations, appropriate indicators of data quality, and standard procedures for field sampling and handling.

This step also examines the certainty of conclusive statements based on the available new data collected. This should include the following points to quantify tolerable limits:

- a decision can be made based on a certainty assumption of 95% confidence in any given data set. A limit on the decision error will be 5% that a conclusive statement may be a false positive or false negative.
- a decision error in the context of the decision rule presented above would lead to either underestimation or overestimation of the risk level associated with a particular sampling area.
- sampling errors may occur when the sampling program does not adequately detect the variability of a contaminant from point to point across the site. To address this, the OMP (AECOM, 2019a) outlines minimum numbers of samples proposed to be collected from each media.
- as such, there may be limitations in the data if aspects of the OMP (AECOM, 2019a) cannot be implemented. Some examples of this scenario include but are not limited to:
    - proposed surface water sample locations may be dry at the time of sampling.
    - proposed groundwater well locations are damaged or destroyed and therefore cannot be sampled.
    - proposed samples are not collected due to access being restricted to a given location.
- limitations in ability to acquire useful and representative information from the data collected, for example not targeting groundwater from within the well screen during a sampling event or collecting surface water and sediment samples from different locations along a waterbody across multiple sampling events.
- measurement errors can occur during sample collection, handling, preparation, analysis and data reduction. To address this the following measures are proposed:
    - collection of sufficient sample mass to facilitate analysis reported to standard laboratory detections limits. Collection of insufficient sample mass may result in raised detection limits.
    - field staff to follow a standard procedure when collecting samples, including decontamination of tools, and use of appropriate sample containers and preservation methods.
    - laboratories to follow a standard procedure when preparing samples for analysis and undertaking analysis.

- laboratories to report quality assurance/quality control data for comparison with the DQIs established for the SAQP.

3.1.7 Step 7 – Optimise the Design for Obtaining Data

The methodology presented in this SAQP is designed to meet the Project objectives and to achieve the nominated DQOs. Optimisation of the data collection process will be achieved by:

- working closely with the analytical laboratories and sampling equipment suppliers to ensure that appropriate procedures and processes are developed and implemented prior to and during the fieldwork, to ensure that sample handling, and transport to and processing by the analytical laboratories is appropriate.
- conducting sampling according to Australian Standards for the type of sampling being conducted (i.e.groundwater monitoring well sampling versus landholder bore water sampling). These standards are as follows:
  - Standards Australia (AS/NZS5667.11–1998) Water Quality – Sampling, part 11: Guidance on sampling of groundwater.
  - Standards Australia (AS 4482.2-1999) Guide to the sampling and investigation of potentially contaminated soil, Part 2: Volatile Substances.
  - Standards Australia (AS 4482.1-2005) Guide to the sampling and investigation of potentially contaminated soil. Part 1: Non-volatile and semi-volatile compounds.
- conducting sampling in accordance with AECOM's internal PFAS Sample Collection Guidance.
- sampling conducted by suitably qualified and experienced field staff.
- basing the sampling upon a CSM developed using the information available at the implementation of the SAQP. Updating the CSM as new data becomes available in the course of the implementation of the SAQP, as required.
- progressive review of the data and modification of sampling programs to optimise the value of data generated.

If the objectives of the SAQP are not being met, the sampling design and approach will be reviewed and amended, as required.

3.2 Assessment of Data Quality

The quality of data collected as part of the sampling will be assessed on a range of factors including:

- documentation and data completeness; and
- data quality – comparability, representativeness, precision and accuracy of the analytical data.

The project target for data completeness is to achieve 95% of data as suitable for use. The acceptance criteria for DQIs for samples are specified in **Table 2**.

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Table 2 Acceptance Criteria for Data Quality Indicators for Sample Analysis

Data Quality Indicators (Water, Sediment and Soil Samples)	Acceptance Criteria
Field Program	Sampling to be completed by suitably qualified and experienced field teams employing appropriate sampling procedures.
Rinsate Blanks	Rinsate blank samples are to be collected at a rate of one per day of sampling (where sampling equipment is reused). Concentrations of PFAS should be less than the laboratory LOR.
Field duplicates/Inter-lab duplicates	Field duplicates and inter-laboratory duplicates are to be collected and analysed at a rate of 10% (1 per 10 primary samples). The relative percentage differences (RPD) will be assessed as acceptable if less than or equal to 30% as per the NEPM Schedule B3. Where the results show greater than 30% difference a review of the cause will be conducted (NEPM, 2013). It is noted that RPDs that exceed this range may be considered acceptable where: • results are less than 10 times the LOR (no limit) • results are between 10 and 20 times the LOR and the RPD is less than 50% • heterogeneous materials are encountered.
Laboratory duplicates	The RPD will be assessed as acceptable based on the magnitude of the result: • 0-20% for results more than 20 times the LOR • 0-50% for results between 10 and 20 times the LOR • No limit for results between 0 and 10 times the LOR
Matrix spikes	Recoveries between 70-130% of the theoretical recovery or as nominated in the laboratory's Quality Control report.
Method blanks	Less than the laboratory LOR.
Laboratory control samples	Recoveries between the laboratory-specified range for each particular analyte/analytical suite.

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4.0 Sampling Location Rationale and Methodology

4.1 OMP

The OMP (AECOM, 2019a) presents an overview of specific monitoring works to be undertaken and provides the basis for the preparation of this SAQP. This scope of works presented in this SAQP is consistent with that detailed in the OMP (AECOM, 2019a).

4.2 Proposed Schedule

The key elements of the OMP (AECOM, 2019a) are six monthly groundwater, surface water/sediment sampling on- and off-Site, and soil sampling off-Site. These include:

- a mid-year comprehensive sampling and analysis event for the first of the biannual groundwater, surface water/sediment and soil sampling events (referred to as annual sampling events) timed to occur in May/June.
- an end-of year targeted sampling and analysis event for the second of the biannual groundwater, surface water and soil sampling events (referred to as biannual sampling events) timed to occur in October/November.

The rationale for these elements is summarised below:

- The six-monthly monitoring to occur mid-year (May/June), during high average rainfall period (112 mm for May and 121 mm for June) based on Bureau of Meteorology (BoM) Williamtown RAAF weather station (number 061078) and end of year (October/November), during low average rainfall period (74 mm for October and 83 mm for November) based on BoM. It is considered that relatively higher contamination concentrations may occur in groundwater and surface water systems during the high average rainfall periods due to the effects of higher infiltration rates through the unsaturated zone which may mobilise contaminants, as observed during the mass flux study completed between November 2020 and October 2021. Historically, the main monitoring events have occurred between January and April, within average rainfall period. The monitoring events timed to occur at the end of the year (October/November), during low average rainfall period will allow long-term trend analysis to be conducted. The targeted monitoring event occurring during low average rainfall period will allow understanding of groundwater changes at discrete locations considered to be of importance for understanding trends (for example bores close to source areas, site boundaries and creek systems), or locations with higher sensitivity (bores with concentrations close to screening criteria, areas with fewer monitoring locations).

Additional elements of the OMP and the OMP Addendums (AECOM, 2019a to 2019c) include biota sampling in Fullerton Cove. Each of these elements is discussed in detail in **Section 4.3**.

It is noted that the OMP monitoring to date of soil samples collected from the Flood Areas has not shown temporal variability or variability of PFOS+PFHxS and PFOA concentrations due to observed flood events, when assessed collectively or by Flood Area, over time and for each sampling event. As a result, the soil sampling locations have been removed from the program.

It is also noted that the OMP monitoring to date of targeted sentinel species in Fullerton Cove indicates that the PFOS concentrations are within the same order of magnitude across all sampling periods, and no potential increasing trends have been identified. As a result the biota sampling frequency has been reduced from annual to biennial (every other year).
The schedule of fieldworks across the 5-year period is presented in **Table 3** below.

Table 3 Fieldwork Schedule

Sampling Round No.	Description of works	Proposed Schedule
1	Bi-annual groundwater, surface water, sediment and soil sampling	November 2019 (Completed)
2	Biota sampling	January 2020 (Completed)

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Sampling Round No.	Description of works	Proposed Schedule
3	Annual groundwater, surface water, sediment and soil sampling	May 2020 (Completed)
4	Flood water sampling	July 2020 (Completed)
5	Bi-annual groundwater, surface water, sediment and soil sampling, surface water max flux baseline sampling	November 2020 (Completed)
6	Surface water mass flux event	December 2020 (Completed)
7	Surface water mass flux event	January 2021 (Completed)
8	Biota sampling	February 2021 (Completed)
9	Annual groundwater, surface water, sediment and soil sampling	May 2021 (Completed)
10	Bi-annual groundwater, surface water, sediment and soil sampling	November 2021 (Completed)
11	Biota sampling	February 2022 (Completed)
12	Annual groundwater, surface water, sediment and soil sampling	May 2022 (Completed)
13	Bi-annual groundwater, surface water, sediment and soil sampling	November 2022 (Completed)
14	Annual groundwater, surface water, sediment and soil sampling	May 2023 (Completed)
15	Bi-annual groundwater, surface water, sediment and soil sampling	November 2023
16	Biota sampling	February 2024
17	Annual groundwater, surface water and sediment sampling	May 2024

4.3 Sampling Locations

4.3.1 Groundwater Sample Location Rationale

Groundwater monitoring will be undertaken on selected monitoring wells, Hunter Water bores and residential bores. The OMP (AECOM, 2019a) will monitor water quality in the shallow and deep portions of the Tomago Sandbeds aquifer. The current understanding of the CSM is that PFAS concentrations in the intermediate groundwater (approximate depth of 12 m bgs) are similar to that of the deeper portions (approximate depth of 20 m bgs) of the aquifer, and hence will not be targeted.

The rationale for monitoring well selection for each area is summarised in **Table 4** below.

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Table 4 Groundwater Sample Location Rational

Area	Rationale
On-Site	• Monitor spatial and temporal variations in PFAS concentrations in groundwater concentrations up, down and cross-gradient of source areas • Assess if groundwater PFAS concentrations within and downgradient of the source areas change in response to management measures over time • Monitoring of HWC assets that are in close proximity to the PFAS plume to inform risk to a potential drinking water supply • To continue to monitor groundwater wells with existing temporal datasets to assist with better understanding of temporal patterns in PFAS concentrations • Monitor groundwater on transects parallel and perpendicular to plume, and at shallow and deep portions of the aquifer to assist with understanding concentrations changes in the nominated transect alignments.
East of Site	• Monitor spatial and temporal variation in PFAS concentration in groundwater up and down hydraulic gradient of HWC asset Pumping Station 9 • Continue to monitor groundwater wells with existing temporal datasets to assist with better understanding of temporal patterns in PFAS concentrations • Monitor potential changes in PFAS concentrations at the plume margins to refine model predictions and provide an indication of additional management of PFAS to groundwater users outside the current plume • Monitor groundwater adjacent to Moors Drain to assess PFAS migrating from the drain to groundwater • Monitor groundwater on transects parallel and perpendicular to the plume, and at shallow and deep portions of the aquifer to assist with understanding concentration changes in the nominated transect alignments.
West of Site	• Monitor the western edge of the plume in relation to HWC asset Pumping Station 5 • Monitor groundwater wells on transects parallel and perpendicular to plume, and at shallow and deep portions of the aquifer to assist with understanding concentrations changes in the nominated transect alignments.
Southern Area	• Monitor potential changes in PFAS concentrations at the plume margins in the Southern Area to refine model predictions and provide an indication of additional management of PFAS to groundwater users outside the current plume • Continue to monitor groundwater wells with existing temporal datasets to assist with better understanding of temporal patterns in PFAS concentrations • Monitor the connectivity of the main plume with isolated detections to the west along Cabbage Tree Road as well as stability or otherwise of detect locations • Monitor groundwater on transects parallel and perpendicular to plume, and at shallow and deep portions of the aquifer to assist with understanding concentrations changes in the nominated transect alignments.

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Area	Rationale
Cabbage Tree Road	• Further assess residential bore detections via resampling of select residential bores and monitoring wells in close proximity • Monitor potential changes in PFAS concentrations to refine model predictions and provide an indication of additional management of PFAS to groundwater users outside the current plume • Monitor the isolated detections of PFAS in groundwater that have been considered to be associated with unconfirmed mechanisms. This may include transport of PFAS via surface water, flooding or an unidentified source • Continue to monitor wells with existing temporal datasets to assist with better understanding of temporal patterns in PFAS concentrations • Monitor groundwater on transects parallel and perpendicular to plume, and at shallow and deep portions of the aquifer to assist with understanding concentrations changes in the nominated transect alignments.
Lavis Lane	• Monitor the plume to the southeast of the Site and in the Lavis Lane area • Monitor groundwater adjacent to Fourteen Foot Drain • Monitor the isolated detections of PFAS in groundwater that have been considered to be associated with unconfirmed mechanisms This may include transport of PFAS via surface water, flooding or an unidentified source • Monitor potential changes in PFAS concentrations at the plume margins to refine model predictions and provide an indication of additional management of PFAS to groundwater users outside the current plume • Continue to monitor wells with existing temporal datasets to assist with better understanding of temporal patterns in PFAS concentrations. Wells within the Tilligerry Mud Member and the underlying sand aquifer will be included • Monitor groundwater on transects parallel and perpendicular to plume, and at shallow and deep portions of the aquifer to assist with understanding concentrations changes in the nominated transect alignments.
Salt Ash	• Further assess residential bore detections via resampling of select residential bores and monitoring wells in close proximity • Monitor the isolated detections of PFAS in groundwater in Salt Ash that have been considered to be associated with unconfirmed mechanisms. This may include transport of PFAS via surface water, flooding or an unidentified source • Monitor potential changes in PFAS concentrations at the plume margins to refine model predictions and provide an indication of additional management of PFAS to groundwater users outside the current plume • Continue to monitor wells with existing temporal datasets to assist with better understanding of temporal patterns in PFAS concentrations • Monitor groundwater on transects perpendicular to the plume, and at shallow and deep portions of the aquifer to assist with understanding concentrations changes in the nominated transect alignments.

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Area	Rationale
Fullerton Cove	• Confirm residential bore detections via resampling of select residential bores and monitoring wells in close proximity • Monitor the isolated detections of PFAS in groundwater that have been considered to be associated with unconfirmed mechanisms. This may include transport of PFAS via surface water, flooding or an unidentified source • Monitor potential changes in PFAS concentrations to refine model predictions and provide an indication of additional management of PFAS to groundwater users outside the current plume • Continue to monitor wells with existing temporal datasets to assist with better understanding of temporal patterns in PFAS concentrations.

4.3.2 Groundwater Sampling Locations

The groundwater locations to be monitored on a bi-annual (six-monthly) and/or annual basis are provided in **Table 5** below and are presented on **Figures 1** to **4** in **Appendix A**.

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Table 5 Groundwater Monitoring Locations

On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Top of Casing Elevation (m AHD)	Screen Interval (mbgl)	Sampling Frequency	Total
On-Site	Former Fire Training Area	MW166	-	390180.440	6371071.560	7.100	0.8 - 3.8	Bi-annual	5
		MW167	-	390173.610	6370916.820	7.190	0.7 - 3.7	Bi-annual	
		MW168	-	390283.560	6370972.820	6.780	0.7 - 3.7	Bi-annual	
		MW169D	MW169_D	390286.310	6370678.240	5.800	18 - 19.5	Bi-annual	
		MW169S	MW169_S	390286.100	6370676.810	5.830	0.7 - 3.7	Bi-annual	
	Former & Current Fire Station (Facility 165)	MW196	-	391067.540	6371029.000	6.760	0.8 - 3.8	Bi-annual	7
		MW198	-	391345.470	6370725.360	6.110	0.8 - 3.8	Bi-annual	
		MW200	-	390988.640	6370792.480	6.470	1 - 4	Annual	
		MW201D	MW201_D	391156.130	6370617.920	5.810	18.1 - 19.6	Annual	
		MW201S	MW201_S	391157.420	6370619.430	5.800	1 - 4	Annual	
		MW202D	MW202_D	391123.470	6370312.140	5.170	19.5 - 21	Bi-annual	
		MW202S	MW202_S	391124.490	6370312.950	5.210	0.8 - 3.8	Bi-annual	
	Former DEMS Landfill (Facility 394)	MW171D	MW171_D	390238.080	6370367.200	4.970	18.8 - 20.3	Annual	5
		MW171S	MW171_S	390238.630	6370369.860	5.020	0.7 - 3.7	Annual	
		MW240D	MW240_D	389953.970	6370418.760	5.742	18.5 - 20	Bi-annual	
		MW281S	MW281_S	390096.831	6370391.813	5.290	1 - 4	Bi-annual	
		MW282S	MW282_S	390029.022	6370401.492	5.370	1 - 4	Bi-annual	
	East of Former DEMS Landfill (Facility 394)	MW172	-	390381.890	6370326.900	4.880	0.7 - 3.7	Bi-annual	1
	HWC Pump Station 7 (PS7)	MW134D	MW134_D	390841.655	6371311.353	8.750	18.5 - 20	Bi-annual	6
		MW134I	MW134_I	390840.764	6371311.745	8.710	10 - 11.5	Bi-annual	
		MW245D	MW245_D	390873.232	6371892.027	9.311	18.5 - 20	Annual	

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On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Top of Casing Elevation (m AHD)	Screen Interval (mbgl)	Sampling Frequency	Total
On-Site		MW245S	MW245_S	390873.171	6371892.968	9.292	1 - 4	Annual	
		MW317D	MW317_D	391074.310	6371493.500	7.960	18.5 - 20	Annual	
		MW317S	MW317_S	391074.570	6371495.370	7.970	1 - 4	Annual	
	Lake Cochran	MW108D	MW108_D	390150.053	6369806.549	3.080	18.5 - 20	Bi-annual	8
		MW108S	MW108_S	390150.040	6369805.272	2.950	2 - 5	Bi-annual	
		MW109D	MW109_D	391022.625	6369664.782	3.157	18.5 - 20	Bi-annual	
		MW175D	MW175_D	390748.110	6369705.670	4.110	19.5 - 21	Bi-annual	
		MW179D	MW179_D	391061.230	6370026.550	4.760	18.5 - 20	Bi-annual	
		MW179S	MW179_S	391062.530	6370026.330	4.710	0.8 - 3.8	Bi-annual	
		MW466	W66	390771.594	6369702.376	4.320	unknown	Bi-annual	
		MW468	W68	390870.680	6369687.930	4.020	unknown	Bi-annual	
	North-East Landfill	MW156D	MW156_D	392731.610	6371574.390	7.340	19.5 - 21	Bi-annual	5
		MW209D	MW209_D	392638.240	6371418.900	6.530	18 - 19.5	Bi-annual	
		MW209S	MW209_S	392638.360	6371419.900	6.470	0.6 - 3.6	Bi-annual	
		MW406	W6	392381.420	6371741.140	8.270	unknown	Annual	
		MW433	W33	392726.012	6371549.782	6.926	unknown	Bi-annual	
	Ordnance Loading Area	MW244D	MW244_D	389840.584	6372113.901	9.457	18.5 - 20	Bi-annual	2
		MW244S	MW244_S	389840.826	6372113.024	9.603	1 - 4	Bi-annual	
	Trade Waste Treatment (Facility 480)	MW106D	MW106_D	392480.672	6370432.290	4.770	18.5 - 20	Bi-annual	6
		MW106S	MW106_S	392479.396	6370433.468	4.678	3.5 - 5	Bi-annual	
		MW155	MW155, MW155D	391628.530	6371705.370	7.960	1.5 - 3.8	Annual	

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On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Top of Casing Elevation (m AHD)	Screen Interval (mbgl)	Sampling Frequency	Total
		MW208	-	392206.680	6371122.880	6.990	1.2 - 4.2	Bi-annual	
		MW210D	MW210_D	392148.550	6370846.040	7.350	18.5 - 20	Annual	
		MW210S	MW210_S	392149.680	6370843.300	7.220	2 - 5	Annual	
Off-Site	Background	MW158D	MW158_D	393853.425	6371972.449	6.193	18.5 - 20	Annual	4
		MW158S	MW158_S	393854.390	6371971.100	6.260	1 - 4	Annual	
		MW264D	MW264_D	391342.219	6372823.069	9.347	18.5 - 20	Annual	
		MW264S	MW264_S	391341.189	6372822.252	9.492	1 - 4	Annual	
	Cabbage Tree Road	MW124		388956.782	6368599.356	2.420	6 - 7.5	Bi-annual	18
		MW125D	MW125_D	389753.894	6368475.203	2.173	18.5 - 20	Bi-annual	
		MW125S	MW125_S	389754.887	6368474.495	2.197	6 - 7.5	Bi-annual	
		MW126D	MW126_D	390861.585	6368364.380	1.794	18.5 - 20	Bi-annual	
		MW126S	MW126_S	390859.700	6368364.000	1.790	5.5 - 7	Bi-annual	
		MW137	-	386813.080	6368756.200	2.820	0.5 - 3.5	Annual	
		MW139	-	-	-	1.986	1 - 4	Bi-annual	
		MW140	-	388436.410	6368689.650	2.270	0.6 - 3.6	Annual	
		MW178	-	389989.490	6368679.850	1.760	1.2 - 4.2	Bi-annual	
		MW229D	MW229_D	389988.000	6368386.000	1.920	18.5 - 20	Annual	
		MW229S	MW229_S	389988.000	6368386.000	1.910	1 - 4	Annual	
		MW230S	MW230_S	-	-	0.939	2.5 - 4	Bi-annual	
		MW236D	MW236_D	-	-	2.715	18.5 - 20	Bi-annual	
		MW236S	MW236_S	-	-	2.707	1 - 4	Bi-annual	
		MW238D	MW238_D	-	-	2.211	18.5 - 20	Bi-annual	

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On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Top of Casing Elevation (m AHD)	Screen Interval (mbgl)	Sampling Frequency	Total
Off-Site		MW238S	MW238_S	-	-	2.270	1 - 4	Bi-annual	
		POT085	BWS085	-	-	n/a	n/a	Annual	
		POT107	BWS107	-	-	n/a	n/a	Annual	
	East of Site - HWC Pump Station 9 (PS9)	MW130D	MW130_D	393004.197	6371405.978	5.858	15 - 16.5	Bi-annual	12
		MW130S	MW130_S	393002.625	6371406.828	5.794	1 - 4	Bi-annual	
		MW132D	MW132_D	392897.695	6370765.961	6.138	15 - 16.5	Bi-annual	
		MW132S	MW132_S	392896.755	6370766.519	6.082	3 - 6	Bi-annual	
		MW159D	MW159_D	393918.000	6371319.400	5.260	18.5 - 20	Annual	
		MW159S	MW159_S	393918.570	6371319.290	4.987	0.7 - 3.7	Annual	
		MW160	-	393345.050	6370675.530	4.212	1 - 4	Bi-annual	
		MW318D	MW318_D	393430.690	6370254.380	2.630	18.5 - 20	Bi-annual	
		MW318S	MW318_S	393430.740	6370255.700	2.670	1 - 4	Bi-annual	
		MW829	PS9_BORE 30, MW652	393331.000	6370871.000	unknown	unknown	Bi-annual	
		MW842	SK3496_D	393087.000	6372057.000	unknown	unknown	Annual	
		MW844	SK3496_S	393087.000	6372057.000	unknown	unknown	Annual	
	East of Site – Moors Drain	MW161D	MW161_D	394144.090	6370281.980	2.057	18.8 - 23.3	Annual	5
		MW161S	MW161_S	394144.490	6370280.230	2.052	1 - 4	Annual	
		MW247D	MW247_D	393434.921	6369931.136	2.529	18.5 - 20	Bi-annual	
		MW247S	MW247_S	393437.342	6369931.614	2.468	1 - 4	Bi-annual	
		POT046	BWS046	-	-	n/a	n/a	Annual	
	East of Site – Nelson Bay Road	MW121	-	393402.288	6369534.793	1.589	4.5 - 6	Bi-annual	6
		MW122	-	395353.806	6370014.338	1.851	5.5 - 7	Bi-annual	

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On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Top of Casing Elevation (m AHD)	Screen Interval (mbgl)	Sampling Frequency	Total
Off-Site		MW150D	MW150_D	392214.992	6369348.446	2.143	18.5 - 20	Annual	
		MW150S	MW150_S	392215.800	6369349.000	2.111	0.6 - 3.6	Annual	
		MW162D	MW162_D	394497.850	6369568.440	2.876	18.6 - 20.1	Bi-annual	
		MW162S	MW162_S	394497.180	6369567.050	2.838	1.5 - 4.5	Bi-annual	
	Fullerton Cove	MW147D	MW147_D	-	-	0.810	23.7 - 26.7	Annual	11
		MW147S	MW147_S	-	-	0.710	1 - 4	Annual	
		MW231D	MW231_D	-	-	0.571	16 - 17.5	Bi-annual	
		MW231S	MW231_S	-	-	0.625	1 - 4	Bi-annual	
		MW232D	MW232_D	391685.900	6367694.410	1.324	18.5 - 20	Bi-annual	
		MW232S	MW232_S	391686.550	6367693.690	1.148	1 - 4	Bi-annual	
		MW270D	MW270_D	-	-	1.412	18.5 - 20	Annual	
		MW270S	MW270_S	-	-	1.411	2 - 4	Annual	
		POT236	BWS236	-	-	n/a	n/a	Annual	
		POT257	BWS257	-	-	n/a	n/a	Annual	
		POT382	-	-	-	n/a	n/a	Bi-annual	
	Lavis Lane	MW128D	MW128_D	392595.830	6368186.070	0.843	9.3 - 10.3	Bi-annual	6
		MW128S	MW128_S	392594.050	6368185.389	0.909	4.7 - 6.2	Bi-annual	
		MW163	-	393228.090	6368715.090	1.207	0.5 - 3.5	Bi-annual	
		MW195	-	391861.030	6368367.600	1.050	0.8 - 3.8	Annual	
		MW279S	MW279_S	392270.061	6368420.027	1.295	0.8 - 3.8	Bi-annual	
		MW316D	MW316_D, MW319D	393238.400	6368714.460	1.200	18 - 20	Bi-annual	

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On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Top of Casing Elevation (m AHD)	Screen Interval (mbgl)	Sampling Frequency	Total
Off-Site	Salt Ash	MW118	-	396874.979	6371821.789	1.674	4.5 - 6	Bi-annual	18
		MW123	-	396612.431	6371006.705	1.524	4.5 - 6	Bi-annual	
		MW252S	MW252_S	396036.337	6371201.447	1.103	1 - 4	Annual	
		MW255D	MW255_D	397301.190	6371001.280	1.260	18.5 - 20	Annual	
		MW255S	MW255_S	397301.590	6371002.620	1.258	1 - 4	Annual	
		MW256D	MW256_D	397345.350	6371814.030	1.534	18.5 - 20	Bi-annual	
		MW256S	MW256_S	397343.940	6371812.750	1.518	1 - 4	Bi-annual	
		MW257D	MW257_D	397433.640	6372046.790	1.819	18.5 - 20	Bi-annual	
		MW257S	MW257_S	397433.620	6372045.200	1.639	1 - 4	Bi-annual	
		MW258D	MW258_D	397451.890	6372575.910	2.903	18.5 - 20	Bi-annual	
		MW258S	MW258_S	397452.970	6372575.910	2.916	1 - 4	Bi-annual	
		MW260D	MW260_D	398217.180	6371740.430	2.080	18.5 - 20	Bi-annual	
		MW260S	MW260_S	398216.560	6371738.790	2.124	1 - 4	Bi-annual	
		MW263D	MW263_D	398469.130	6372538.100	1.314	18.5 - 20	Bi-annual	
		MW263S	MW263_S	398469.590	6372537.010	1.328	1 - 4	Bi-annual	
		POT087	BWS087	-	-	n/a	n/a	Annual	
		POT089	BWS089	-	-	n/a	n/a	Annual	
		POT144	BWS144	-	-	n/a	n/a	Annual	
	Southern Area	MW104D	MW104_D	-	-	3.919	18.5 - 20	Annual	5
		MW104S	MW104_S	-	-	3.955	3.5 - 5	Annual	
		MW184D	MW184_D	-	-	3.073	18.5 - 20	Annual	
		MW184S	MW184_S	-	-	3.106	1 - 4	Annual	

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On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Top of Casing Elevation (m AHD)	Screen Interval (mbgl)	Sampling Frequency	Total
Off-Site		MW188S	MW188_S	391077.170	6368465.490	1.439	0.8 - 3.8	Annual	
	Southern Area - Cabbage Tree Road	MW146AD	MW146D_A	390352.000	6368257.000	1.620	18.5 - 20	Bi-annual	7
		MW146S	MW146_S	390352.180	6368257.630	1.802	0.8 - 3.8	Bi-annual	
		MW188D	MW188_D	391078.557	6368466.180	1.354	18.5 - 20	Annual	
		MW271D	MW271_D	-	-	1.308	18.5 - 20	Bi-annual	
		MW271S	MW271_S	-	-	1.316	1 - 4	Bi-annual	
		MW278D	MW278_D	390668.714	6368270.854	1.289	18.5 - 20	Bi-annual	
		MW278S	MW278_S	390670.046	6368271.548	1.253	1.5 - 3	Bi-annual	
	West of Site	MW103D	MW103_D	389765.072	6370932.450	6.444	14.5 - 16	Annual	9
		MW103S	MW103_S	389766.490	6370932.506	6.572	2 - 5	Annual	
		MW107D	MW107_D	389492.110	6369998.764	3.362	18.5 - 20	Bi-annual	
		MW107S	MW107_S	389491.340	6369998.554	3.322	2 - 5	Bi-annual	
		MW241D	MW241_D	388917.523	6370209.919	5.449	18.5 - 20	Bi-annual	
		MW241S	MW241_S	388917.717	6370210.859	5.559	1 - 4	Bi-annual	
		MW280S	MW280S_LT, MW280_S	389373.293	6370090.665	3.831	1 - 4	Bi-annual	
		MW315D	MW315_D, MW320D	389591.670	6370649.350	6.160	18 - 20	Bi-annual	
		MW315S	MW315_S, MW320S	389591.670	6370649.350	6.180	1 - 4	Bi-annual	
Total									**147**

Note: Historical Name, Eastings, Northings, Top of Casing Elevation and Screen Interval are sourced from the Defence Esdat database. Some coordinates are not displayed for privacy reasons.

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4.3.3 Surface Water Sampling Locations

The surface water monitoring locations have been selected to maintain consistency with the monitoring completed during the 2017 Stage 2B EI and address the requirements of the NSW Government. Many of the locations have been previously sampled several times, and continued monitoring will provide additional data to assess temporal variability.

The locations to be monitored on a bi-annual (six monthly) basis are provided in **Table 6** below and are presented on **Figures 1** to **4** in **Appendix A**.

Table 6 Surface Water Monitoring Locations

On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Total
On-Site	Dawsons Drain	SW055	DD1	390150.677	6369798.630	1
	Lake Cochran	SW108	LC	391123.700	6369909.000	2
		SW110	LC_B	390783.280	6369838.664	
	On-Site Drain (North of Lake Cochran)	SW047	BD03	391110.917	6370186.229	1
	On-Site Drain (East of Former DEMS Landfill)	SW048	BD04	390594.587	6370302.505	1
Off-Site	Dawsons Drain	SW059	DD2	389781.611	6368463.966	2
		SW060	DD3	390896.510	6368398.705	
	Fourteen Foot Drain	SW062	DD5	391642.635	6367808.154	2
		SW600		-	-	
	Fullerton Cove Ring Drain	SW259	FCD4	-	-	1
	Moors Drain	SW001	MD1	392531.852	6370412.424	7
		SW005	MD5	398523.104	6372342.800	
		SW006	MD6	392391.918	6369501.696	
		SW007	MD7	392398.750	6369734.616	
		SW009	MD8	393389.182	6369933.826	
		SW011	MD10	395719.424	6370956.542	
		SW014	MD14	397430.793	6372140.735	
	Ten Foot Drain	SW081	TFD1	391369.231	6367128.789	1
	Tilligerry Creek	SW019	TC12	-	-	4
		SW023	TC6A	397274.000	6370916.000	
		SW024	TC7	398841.534	6371521.129	
		SW079	TC2	392602.731	6368195.612	
Total						**22**

Note: Historical Name, Eastings and Northings are sourced from the Defence Esdat database. Some coordinates are not displayed for privacy reasons.

4.3.4 Sediment Sampling Locations

Sediment sampling will be undertaken at the locations where surface water samples are collected as defined in **Section 4.3.3**.
The sediment sampling locations have been selected to maintain consistency with the sampling completed during the Stage 2B EI (AECOM, 2017). These locations have been sampled on several occasions, and therefore continued monitoring will provide additional information regarding temporal

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variability. Three additional locations (SD254, SD255, SD326) were added within Fullerton Cove near the tidal gate outlet from the ring drain.

The locations to be monitored on a bi-annual (six-monthly) basis are provided in **Table 7** below and are presented on **Figures 1** to **4** in **Appendix A**.

Table 7 Sediment Sample Locations

On/Off-Site	Area	Location ID	Historical Name	Easting	Northing	Total
On-Site	Dawsons Drain	SD055	DD1	390150.677	6369798.630	1
	Lake Cochran	SD108	LC	391123.700	6369909.000	2
		SD110	LC_B	390783.280	6369838.664	
	On-Site Drain (North of Lake Cochran)	SD047	BD03	391110.917	6370186.229	1
	On-Site Drain (East of Former DEMS Landfill)	SD048	BD04	390594.587	6370302.505	1
Off-Site	Dawsons Drain	SD059	DD2	389781.611	6368463.966	2
		SD060	DD3	390896.510	6368398.705	
	Fourteen Foot Drain	SD062	DD5	391642.635	6367808.154	2
		SD600		-	-	
	Fullerton Cove (tidal gate outlet)	SD254	FC1A	-	-	3
		SD255	FC1B	-	-	
		SD326	FC1C	-	-	
	Fullerton Cove Ring Drain	SD259	FCD4	-	-	1
	Moors Drain	SD001	MD1	392531.852	6370412.424	7
		SD005	MD5	398523.104	6372342.800	
		SD006	MD6	392391.918	6369501.696	
		SD007	MD7	392398.750	6369734.616	
		SD009	MD8	393389.182	6369933.826	
		SD011	MD10	395719.424	6370956.542	
		SD014	MD14	397430.793	6372140.735	
	Ten Foot Drain	SD081	TFD1	391369.231	6367128.789	1
	Tilligerry Creek	SD019	TC12	-	-	4
		SD023	TC6A	397274.000	6370916.000	
		SD024	TC7	398841.534	6371521.129	
		SD079	TC2	392602.731	6368195.612	
Total						**25**

Note: Historical Name, Eastings and Northings are sourced from the Defence Esdat database. Some coordinates are not displayed for privacy reasons.

4.3.5 Biota Sampling Locations

Sampling will target sentinel species in Fullerton Cove (refer to **Figure 1** in **Appendix A**) that have been identified by the former Risk Assessment Working Group (RAWG) that appear to accumulate elevated concentrations of PFAS relative to other species, namely:

- Dusky Flathead (Platycephalus fuscus)

- Luderick (Girella tricuspidata)
- School Prawn (Metapenaeus macleayi).

A description of these species is provided in **Table 8** below.

If the mean PFAS concentration reported potentially warrants reconsideration of previous risk findings (i.e. inconsistent with the 2017 HHRA assumptions), then sampling could be expanded for that year to encompass the broader set of species, and other areas of interest (such as Tilligerry Creek and Tomago).

Table 8 Aquatic Biota Description

Species	Description
Finfish	
Dusky Flathead (Platycephalus fuscus)	• Dusky Flathead PFAS levels in the Hunter River were considered to be elevated relative to other species, variable and did not follow spatial patterns evident in the other species. • Dusky Flathead is a target recreational and commercial species.
Luderick (*Girella tricuspidata)*	• Found primarily in estuaries and around nearshore rocky reefs. • Spawning occurs in surf zones near estuary entrances during winter, the larvae then enter estuaries and small juveniles live in sheltered shallow water habitats. Adults are mainly found in association with weedy habitats such as seagrass and rocky reefs. Adults migrate to near-coastal waters prior to spawning and may then return to estuaries. • Mainly herbivorous, feeding on seagrass and green algae, and sometimes small invertebrates. • Mature around 25 cm. Minimum legal length is 27 cm. • Important recreational species, minor commercial species.
Crustacea	
School Prawn (*Metapenaeus macleayi*)	• Inhabit estuaries and inshore ocean waters. • Spawn in near shore ocean waters between December and May. Post-larval prawns enter estuaries and move upstream. Following spring the adolescent prawns return down-stream and migrate to sea to mature and spawn. • Prefer soft, muddy substrates and areas of seagrass. • Eat a variety of small invertebrates and detritus. • Maximum length 16 cm. • Important domestic market.

It is noted that not all species above may be present at Fullerton Cove during the sampling event.

A summary of the sample numbers is provided in the **Table 9**.

Table 9 Summary of sample numbers

Species	Number of Composite Samples per Event	Total No of Individual Samples for each Composite
Dusky Flat Head	4	Up to 10
Luderick	4	Up to 10
School Prawn	4	Up to 10

4.4 Sample Collection and Handling

4.4.1 Sampling Methodology

The sampling methodology is presented in **Table 10**.

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Table 10 Groundwater Sampling Methodology and Schedule

Item	Details
Groundwater gauging	The depth to groundwater will be measured in each monitoring well prior to collection of groundwater samples. Additionally, during each sampling event a gauging round of selected groundwater locations will be conducted to enable groundwater contours to be developed. The selected locations for the targeted gauging event are as follows: • Shallow wells: MW106S, MW122, MW123, MW124, MW125S, MW126S, MW146S, MW158S, MW162S, MW188S, MW209S, MW229S, MW232S, MW247S, MW256S, MW257S, MW260S, and MW268S. • Deep monitoring wells: MW106D, MW125D, MW126D, MW146AD, MW158D, MW162D, MW188D, MW209D, MW229D, MW232D, MW247D, MW256D, MW257D, MW260D, and MW268D.
Groundwater Sample Collection Methodology	**Groundwater Monitoring Wells** Groundwater samples will be collected from monitoring wells using no-purge methodology with HydraSleeves™ which will be installed within the screened interval of the wells a minimum of 4 to 24 hours prior to sampling for the initial sampling round or when necessary to re-deploy. Care should be taken to avoid placing the base of the HydraSleeves™ at the base of the monitoring well, where a build-up of sediment may be present. The installation depth of the HydraSleeves™ is to be recorded (generally as HydraSleeve™ collar depth in metres below top of casing (mbTOC)). HydraSleeves™ are to be installed / deployed in monitoring wells for a minimum of 4 hours prior to sampling, when deployed with bottom weights only, and for a minimum of 24 hours prior to sampling, when deployed with both top and bottom weights, to allow re-stabilisation of the well following disturbance, and if applicable, for the top weight to compress. Following sampling, field parameters are recorded ex-situ, from any excess water available in the Hydrasleeve™. In the event that a HydraSleeve™ fails to deploy or has been removed inadvertently (i.e. by a non-OMP project), the sample will be collected using a dedicated disposable high-density polyethylene (HDPE) bailer, if time or access constraints do not permit re-deployment of the HydraSleeve™ and subsequent sampling in the same sampling event. When sampling with a bailer, a minimum of three well volumes should be purged and purging should be continued until stabilisation of water quality parameters (to be collected continuously ex-situ) is achieved. If recharge is insufficient during purging, care should be taken to avoid purging the well dry and collecting the sample when reasonable to do so. Once sampling is completed, a new HydraSleeve™ will be deployed at the screened interval depth at each location in preparation for the next scheduled sampling round, where practicable. HydraSleeve™ sampling will be completed in accordance with the manufacturer's guidance. Due to narrow PVC of monitoring wells MW842 and MW844, groundwater samples will be collected using a peristaltic pump. MW829 is a non-traditional well with no well cap or gatic (pump station bore/sampling point) and will be sampled using a bailer. **Residential Bores**

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Item	Details
	Bore water samples will be collected by placing the laboratory provided sample bottle beneath the tap outlet and the tap slowly opened to collect the "first flush" of water.
Surface Water Sample Collection Methodology	Surface water samples will be collected in accordance with the ASC NEPM (NEPC, 2013) and PFAS NEMP (HEPA, 2020). Samples will be collected from either mid-way through the water column or approximately 0.5 m below the surface (if possible) using a 'grab' sample method, without disturbing the bottom of the surface water body and without capturing any surface film, to minimise collection of sediment, or floating materials in the samples. At each location, a new, laboratory supplied container should be lowered into the water with the cap immediately applied once the container is full. Where sampling points cannot be accessed safely, surface water samples will be collected with use of a sampling pole. Description of each sampling location will be recorded (including physical setting, flow observations, presence of sheen or foam etc).
Sediment Sample Collection Methodology	Sediment samples will be collected in accordance with the ASC NEPM (NEPC, 2013) and PFAS NEMP (HEPA, 2020). Sediment samples are to be collected from a depth representative of potentially deposited sediments and collected from within the water body, if possible. Where embankment stability and surface water depth permits, sediment samples will be collected using a hand trowel to a maximum depth of 0.3 m below the sediment surface. Where access to sediment is restricted by bank instability or the presence of surface water, samples will be collected using a hand auger or Dormer Piston Sediment Sampler. A new laboratory supplied container will be used at each location for collection of samples, and any reusable sampling equipment utilised will be de-contaminated between locations. Description of each sampling location and the sample material will be recorded.
Biota Sample Collection Methodology	Samples will be captured utilising the following process, similar to the previous methodology during Stage 2B EI (AECOM, 2017a), and undertaken in accordance with the appropriate permits and ethics approval: Boats will be used to deploy mesh netting. Nets will be placed over night in the target locations and will be collected the following morning. Observations on the number of target species captured, bycatch and water quality will be recorded. Bycatch will be returned to the water, where possible. A prawn trawler will be used to trawl a net throughout the target area. At the end of each sampling run the net will be inspected. Observations on the number of target species captured, bycatch and water quality will be recorded. Bycatch will be returned to the water, where possible. All target specimens will be retrieved from the nets, euthanised, then prepared for processing to the laboratory. Target fish will be euthanized by blunt force trauma, followed by exsanguination. No compositing will be undertaken in the field. Four composite samples shall be collected per event, per target species. Each composite sample will comprise of up to 10 individual specimens and will be prepared at the laboratory under the laboratory's supervision. In addition to the composite samples, one fillet from each fish will be retained and frozen for future analysis should information on individual variation (or linking of PFAS

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Item	Details
	concentrations to biological attributes such as growth, sex etc.) be required at a later date. A detailed methodology for the collection of biota samples is presented in the Standard Operating Procedure for Aquatic Biota Sampling (**Appendix C**).
QA/QC Samples to be Collected	Field QA/QC samples are to include intra-laboratory duplicate and inter-laboratory duplicate samples (i.e. blind and split duplicates), as well as rinsate blank samples, as specified in **Section 4.12**. AECOM will collect extra sample volume to enable the laboratory to complete their internal QA/QC analysis. AECOM personnel will attempt to reduce potential heterogeneity in the sample media matrix by dividing the sample collected between primary and intra-laboratory jars or bottles during sampling. For biota matrices, no duplicate sampling is proposed as the samples are being composited. Individual specimens of the composite samples will be retained to validate composite results as required.
Field Parameters	Temperature, electrical conductivity (EC), dissolved oxygen (DO), ORP (oxidation-reduction potential), pH and observations of water quality will be recorded for all groundwater and surface water samples, including: • physical indicators such as the presence (and approximate proportion) of suspended solids, colour • the presence/absence and nature of odours and the presence/absence of slicks or sheens on water.
Sample Analysis	All primary samples will be submitted for PFAS extended suite using the standard levels of detection. For biota matrices, all composites will be prepared at the laboratory under the laboratory's supervision and will be tested for PFAS extended suite using the standard levels of detection. Biota sample preparation by the laboratory includes removal of scales/shell, head and internal organs. Fillets will be taken with skin intact and homogenised prior to sub-sampling and analysis.

4.4.1 Decontamination of sampling equipment

To avoid cross-contamination between samples and sample locations, all reusable sampling equipment, such as interface probe and trowel, will be de-contaminated between locations. The proposed method of decontamination is summarised below:

- Preliminary wash and scrub with tap water, after each sampling location
- Wash using Liquinox®
- Rinsed with tap water
- Rinsed with deionised water (supplied by the laboratory).

Clean, disposable nitrile gloves will be worn and replaced between each sample.

4.4.2 Sample Handling and Transport to Laboratory

All samples will be placed on ice in eskies immediately after sampling. All water and moist sediment samples should be kept, where possible, at low temperatures (≤6°C) during transit to the laboratory, in accordance with ASC NEPM (NEPC, 2013).

Samples will be transported directly to the laboratory for analytical testing under standard chain of custody (CoC) procedures. Primary and associated duplicate QA/QC samples will be analysed by Australian Laboratory Services (ALS). The inter-laboratory duplicate samples will be analysed by

Envirolab Services (Envirolab). For biota matrices, samples will be analysed by the National Measurement Institute (NMI).

4.5 Calibration

The calibration of the water quality meter will be tested each day via a "bump test" prior to the commencement of field activities with relevant solutions, including pH, EC and ORP. The calibration will be in accordance with manufacturers' instructions or National Association of Testing Authorities (NATA)publication "General Requirements for Registration: Supplementary Requirement: Chemical Testing (NATA 1993) and Technical Note N0. 19 (NATA 1994)". Where satisfactory calibration cannot be achieved, the water quality data will not be used for interpretive purposes.

Calibration details will be recorded on field sheets and included in the Sampling Event Factual Reports for each sampling round.

4.6 Logistics

The laboratory sample containers will be shipped from the laboratory to the AECOM office in Sydney or Newcastle prior to the commencement of fieldwork. All samples will be transported by field staff or couriered directly to the relevant laboratory, at the completion of fieldwork. All inter-laboratory duplicate samples will be submitted under a separate CoC for analysis.

4.7 Analytical Suite and Laboratory Analysis Methods

4.7.1 Laboratory NATA Accreditation Details

The laboratory is required to use NATA accredited methods based on NEPM, US EPA, Table B 15 of the US Department of Defence/Department of Energy (US DOD/DoE) and American Society for Testing and Materials (ASTM) methods as appropriate.

The primary and secondary laboratories selected for this program are ALS (NATA Accreditation Number 825), NMI (NATA Accreditation Number 198), and Envirolab (NATA Accreditation Number 2901).

4.7.2 Analytical Schedule

All media sampled will be analysed for the extended PFAS suite in accordance with the Defence (2022) *Standard PFAS Analytical Suite - Guidance Document E* (**Appendix D**).

The current standard laboratory LOR for the primary laboratories are described in **Table 11** below.

Table 11 Laboratory Limits of Reporting

Sample Media	Parameter	Technique/Method Reference	LOR
Water	Extended PFAS Suite	LCMS	0.01 – 0.1 µg/L
Sediment	Extended PFAS Suite	LCMS	0.0002 – 0.001 mg/kg
Biota	PFAS (full suite)	AUTLO7 Reference methods USEPA537/821	0.0003 – 0.001 mg/kg

LCMS = Liquid chromatography mass spectrometry

4.7.3 Validation of Analytical Results

Validation of analytical results may be required in the form of re-analysis by the reporting laboratory or through re-sampling and analysis, to confirm original results.

The requirement for re-sampling and/or re-analysis will be determined in consultation with Defence and will generally apply to results that are first-time detections of PFAS in water matrices, new exceedances of human health guidelines or consecutive increases of PFAS concentrations in sediments.

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4.8 Sample Nomenclature

In order to meet Defence data management requirements, a consistent sample nomenclature has been adopted for the Program. All primary samples will be labelled using the following naming convention:

PPPP_XX000_ZZZ_YYMMDD

[property ID]_[type of sample][THREE DIGIT sample number]_[top of sample depth]_[yearmonthday]

e.g. 0908_MW001_230515

Location types and codes are prescribed by the Defence Contamination Management Manual, Annex L Data Management (Defence, June 2021) and the Site's investigation history.

Location types relevant to this SAQP include :

- MW = monitoring well
- SW = surface water
- SD = sediment
- BIOAFA = biota aquatic fauna (school prawn, dusky flathead, luderick)

QA/QC Samples will be labelled in accordance with the following convention:

- Blind duplicate (intra-laboratory duplicate): PPPP_QC1XX_YYMMDD
- Split duplicate (inter-laboratory duplicate): PPPP_QC2XX_YYMMDD
- Rinsate blank: PPPP_QC3XX_YYMMDD.

4.9 Defence ESdat Requirements

Defence has contracted Earth Science Information Systems (EScIS), to provide contamination data management services through a cloud instance of its Esdat product.

All field and laboratory data collected by AECOM will be uploaded, stored and managed in Defence's Environmental Data Management System (EDMS (ESdat)) in accordance with Section 6 of Annex L to the Defence Contamination Management Manual. AECOM will refer to historical investigation data to ensure consistent location codes are used to enable analysis of data trends. Where required under Annex L, non-compliant location codes will be resolved under direction from Defence.

AECOM will ensure that electronic data deliverables (EDDs) from the laboratory include required information for automatic upload into the EDMS, such as including the correct Project ID in Esdat files and including the Defence ESdat auto-upload email address (DERP.LabReports@esdat.com.au) in the laboratory report recipient list.

AECOM will ensure that field data is uploaded, and laboratory data is uploaded and approved into the EDMS and that QA/QC data is correctly reconciled for each monitoring event.

4.10 Adopted Screening Criteria

Adopted screening criteria references national guidance in the form of the PFAS National Environmental Management Plan, Defence estate and environmental strategies, and Defence PFAS-specific strategies and guidance.

At the time of preparing this SAQP, a number of relevant guidance documents were in circulation in Australia including:

- PFAS National Environmental Management Plan (NEMP) Version 2.0, Heads of EPA (HEPA) Australia and New Zealand. January 2020 (HEPA, 2020)
- Department of Health (DoH), 2017. Health Based Guidance Values for PFAS for use in site investigations in Australia. April 2017 (FSANZ, 2017)
- National Health and Medical Research Council (NHMRC), 2019. Guidance on PFAS in Recreational Water. August 2019 (NHMRC, 2019)

- National Environment Protection (Assessment of Site Contamination) Measure 1999, Schedule B1, as amended in 2013 (ASC NEPM, 2013)

The screening criteria adopted to assess the data generated as part of this SAQP are presented in **Table 12** and **Table 13** below, for human and ecological receptors, respectively. Note that the HEPA NEMP 2.0 (2020) does not provide screening criteria for PFAS in sediments.

Table 12 PFAS Adopted Screening Criteria – Human Receptors

Media	Pathway	Compound	Criteria	Comment/Reference
Water – Groundwater and Surface Water	Drinking water	PFOS + PFHxS	0.07 µg/L	The values presented in the PFAS NEMP (HEPA, 2020) are from DoH (2017) which published final health-based guidance values for PFAS for use in site investigations in Australia. DoH utilised the tolerable daily intake (TDI) for PFOS and PFOA from FSANZ (2017) and the methodology described in Chapter 6.3.3 of the National Health and Medical Research Council's (NHMRC) Australian Drinking Water Guidelines (ADWG, 2022) to determine drinking water values. *All groundwater and surface water results will be compared to these criteria.*
		PFOA	0.56 µg/L	
Water – Surface Water	Recreational use	PFOS + PFHxS	2 µg/L	In August 2019, NHMRC released guidance on the assessment of PFAS in surface water. Rather than adopting an ingestion rate of 0.2 L of water per day (as per the ADWG formula), NHMRC adjusted this rate with consideration of an event frequency (150 events/year) to calculate an annual ingestion rate of 30 L per year. These values were adopted by the HEPA NEMP 2.0 (2020). *All surface water results will be compared to these criteria.*
		PFOA	10 µg/L	

Table 13 PFAS Adopted Screening Criteria - Ecological Receptors

Media	Pathway	Compound	Criteria	Comment/Reference
Water – Groundwater and Surface Water	Freshwater	PFOS	0.00023 µg/L	The values are from the PFAS NEMP (HEPA, 2020) which endorsed the Australian and New Zealand Guidelines for Fresh and Marine Water Quality – draft default guideline values. AECOM understands that these guidelines are currently being reviewed and will consider the appropriateness of considering any future revision. The 99% species protection level has been applied for high value conservation systems. This approach is generally adopted for chemicals that bioaccumulate and biomagnify in wildlife. It is proposed that the laboratory LOR is adopted for the purposes of preliminary screening of analytical water results, rather than sole use of the criteria value. *All surface water and groundwater results will be compared to these criteria.*
		PFOA	19 µg/L	

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The adopted screening criteria for aquatic biota sampling are sourced from the Food Standards Australia New Zealand (FSANZ) *Perfluorinated chemicals in food* (FSANZ, 2017) and are summarised in **Table 14** below.

Table 14 PFAS Screening Criteria - Aquatic Biota

Compound	Criteria	Comment
FSANZ 2017 2-6 years Crustaceans (all species)		
PFOS	0.065 mg/kg	*All school prawn sample results will be compared against these criteria*
PFHxS	0.065 mg/kg	
PFOA	0.52 mg/kg	
FSANZ 2017 2-6 years Finfish (all species)		
PFOS	0.0052 mg/kg	*All luderick and dusky flathead sample results will be compared against these criteria*
PFHxS	0.0052 mg/kg	
PFOA	0.041 mg/kg	

4.11 Waste Management

Due to the proposed “no purge” sampling methodology adopted for the majority of the groundwater monitoring locations and the grab samples from the designated surface water sampling locations, it is not anticipated that significant volumes of liquid waste would be generated that would require on-Site management and disposal.

All consumables (i.e. HydraSleeves™, general rubbish) will be bagged and placed in on-Site general waste bins for disposal.

4.12 Field Quality Assurance/Quality Control Sampling

4.12.1 Intra-laboratory and Inter-laboratory Duplicate Samples

Intra-laboratory (blind) duplicate samples and inter-laboratory (split) duplicate samples will be collected and analysed at a minimum frequency of 1 in 10 primary samples, in accordance with the quality control and quality assurance requirements outlined in OMP (Defence, 2019a to 2019c) and HEPA (2020).

4.12.2 Rinsate Samples

Rinsate blank samples will be collected and analysed at a minimum frequency of 1 per day of fieldworks, in accordance with the quality control and quality assurance requirements outlined in OMP (Defence, 2019a to 2019c) and HEPA (2020).

Rinsate blanks will be collected by pouring laboratory supplied deionised water over decontaminated gauging and sampling equipment that will be re-used (e.g. interface probe, trowel).

4.13 Fieldwork Documentation

4.13.1 Field Notes

Field notes will be maintained to record all field sampling events and include observations made at each sample location. Field notes will include general site setting, location information, and information specific to the sample media, as follows:

- Weather conditions, and visual or olfactory conditions at the location
- Location coordinates and means of access, and any changes from previous access to a specific location
- Groundwater samples – the observed characteristics of the sample (e.g. colour, turbidity, presence/absence and nature of odours, presence/absence of slicks or sheens) and measured

field water quality parameters (pH, EC, DO, ORP, temperature) will be recorded. Condition of monitoring wells and gauging details will also be recorded.

- Surface water samples – the observed characteristics of the sample (e.g. colour, turbidity, presence/absence and nature of odours, presence/absence of slicks or sheens) and field water quality parameters (pH, EC, DO, ORP, temperature) will be recorded. Additionally, a description of each surface water sampling location will be recorded, such as indicating the waterbody type (lake, stream, etc.), presence/absence of water flow, and waterbody width.
- Sediment samples – the observed characteristics of the sample (e.g. colour, soil type, moisture, presence/absence and odours) and the depth will be recorded.
- The quality control (e.g. duplicate and inter-laboratory duplicate) sample details be recorded.

AECOM's tablet-based Environmental Data Collection and Analysis ('EDCA') tool (or equivalent) may be utilised by field staff to capture consistent field data based on project specific requirements, minimise potential data transcription errors, allow on-the-spot identification of potentially erroneous data in comparison to historical data and facilitate efficient data transfer to multiple data systems including Esdat.

4.13.2 Sample Labels

Sample containers will be labelled, as a minimum, with the following information:

- AECOM project number
- Name of sampler
- Sample ID
- Date of sample collection

An indelible felt pen will be used for labelling, to ensure that the lettering is not erased during transit to the laboratory. Sample containers that are sent to the primary laboratory, ALS, will also be scanned into the laboratory's custom-built mobile app (by scanning the barcode applied to each laboratory-supplied container) for streamlined labelling and Chain of Custody (CoC) creation and to ensure compliant sample IDs are used in the field.

4.13.3 Chain of Custody Forms

A CoC form will be completed, documenting the sample identification number and analytes. The CoC documents the chain of events from sample collection to delivery at the laboratory and provides a traceable account of sample handling. The CoC form will be signed by both the sample collector and the receiving laboratory.

The CoC form will include the following information:

- Job number
- Date and time of sample collection
- Sample ID
- Type of containers
- Name of sampler
- Laboratory to be used
- Analyses required
- Any comments
- Signatures of the sampler and laboratory receiver.

In the event that additional samples are collected during the field investigations due to observations made by the Field Team, (i.e. samples not proposed in this SAQP), Defence will be provided the rationale for collection of those samples and proposed laboratory analyses. Defence approval will be sought to include these samples on the CoC and to dispatch these samples to the laboratory.

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Upon receipt of the original documents accompanying the samples at the laboratory, the laboratory will provide a sample receipt document (noting the temperature of samples upon receipt, analyses required and any non-conformances) and return the signed CoC form and sample receipt notification (SRN) to confirm analyses to be performed and the due date for the analytical results.

4.14 Reporting

4.14.1 Sampling Event Factual Report

AECOM will prepare and submit a Sampling Event Factual Report to Defence following the completion of each sampling event. The Sampling Event Factual Report will include:

- details of the scope completed
- a description of the sampling methodologies used
- identification of any components of the scope that could not be completed
- a summary of field observations (e.g. any visual or olfactory observations that may indicate impacts to surface water or groundwater) and water quality parameter measurements
- evaluation of the applicability of adopted assessment levels
- a presentation of the analysis results in a table that includes comparisons with PFAS guidelines
- a presentation of groundwater levels for the event on a figure with inferred contours and inferred groundwater flow direction
- review of the suitability of the data for assessment purposes (QA/QC evaluation)
- inclusion of the following information as attachments:
    - Field data including field water quality parameter and gauging measurements
    - Chain of custody forms
    - Laboratory analytical certificates
    - Equipment calibration certificates.

The Sampling Event Factual Report will be provided to Defence no later than four weeks after completion of the field component. AECOM will inform Defence in the case of delays in laboratory results.

4.14.2 Annual Interpretive Report

At the end of each 12-month monitoring period, AECOM will prepare and submit an Annual Interpretive Report to Defence. These reports will include:

- evidence of compliance with the requirements of the SAQP and meeting stated objectives of the OMP (AECOM, 2019a to 2019c)
- identification of any components of the scope that could not be completed
- a summary of any changes to the monitoring network condition that may affect data integrity, or require rectification works, and recommendations for repair, replacement or decommissioning of a location
- relevant figures depicting sampling locations and site-specific hydrogeological features
- laboratory results and analysis including comparison with relevant screening criteria
- assessment and commentary on appropriate QA/QC procedures
- data interpretation, including trends in groundwater concentration, gradient and flow directions
- assessment of statistically based trends (as described in Step 3 and 5 of the DQOs) that may inform decision making when it comes to the revision of the OMP (AECOM, 2019a to 2019c) including whether a review of the Conceptual Site Model is required or whether the risk profile has

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changed overall, or for any specific location at the Site, and a recommendation as to whether this should trigger an OMP and/or PMAP review, or other action.

- Inclusion of the following information as attachments:
  - Field data including field water quality parameter and gauging measurements
  - Chain of custody forms
  - Laboratory analytical certificates
  - Equipment calibration certificates.

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5.0 Deviations from OMP

While the scope of works and methodology described in this SAQP are generally consistent with that presented in the OMP (AECOM, 2019a), a number of points of deviation are noted (refer to **Table 15** below).

Table 15 Deviations from OMP

No.	Description	Rationale
1	Use of HydraSleeves™ rather than low flow/bladder pumps for the collection of groundwater samples	The OMP (AECOM, 2019a) specified that groundwater samples were to be collected using low flow sampling method. As part of AECOM's tender submission for the Defence OMP Program in March 2019, it was proposed to complete groundwater sampling across all Defence regions utilising no-purge HydraSleeves™. In addition to time and cost saving considerations, the adoption of HydraSleeves™ across the broader program was aimed to improve consistency, quality and comparability of groundwater data across sites and regions.
2	Download of data loggers to occur on a six-monthly basis	The OMP (AECOM, 2019a) specified that data loggers were to be downloaded on a 3 monthly-basis. In order to streamline the download of the data with other Site activities, AECOM proposed to download the logger data during the biannual groundwater sampling events (every 6 months).
3	Adoption of Revised Recreational Screening Criteria for PFOS+PFHxS and PFOA	Following the release of the OMP (AECOM, 2019a) in August 2019, the National Health and Medical Research Council (NHMRC), published guidance on PFAS in Recreational Water. The adopted screening criteria for PFOS+PFHxS and PFOA in surface water have therefore been revised to 2 µg/L and 10 µg/L, respectively. This is reflected in **Table 12**.
4	Alternative groundwater sampling locations for MW240S and MW276S	During the June 2019 monitoring (AECOM, 2019d), AECOM observed that the following monitoring wells had either been destroyed or could not be sampled: • MW240S • MW276S Following a review of the existing monitoring well network, AECOM identified the following alternative sampling locations that are suitably located to meet the project objectives: • MW280S (alternative for MW240S) • MW120 (alternative for MW276S).
5	Monitoring locations removed from OMP – POT252, MW233S and MW233D	In August 2019, AECOM supervised the decommissioning of off-site monitoring wells MW233S and MW233D at the request of the private property owner. No suitable alternative sampling locations are present within proximity to this property
6	Monitoring locations removed from OMP – POT024	During the June 2019 monitoring (AECOM 2019d), AECOM observed that private bore POT024 had been disconnected given that the private property had been connected to town water and was not able to be sampled. Given the proximity of other existing monitoring wells, no alternative sampling location is required.
7	Monitoring locations removed from OMP – MW187S and MW187D	In December 2019, AECOM supervised the decommissioning of off-site monitoring wells MW187S and MW187D at the request of the private property owner. No suitable alternative sampling locations are present within proximity to this property.

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No.	Description	Rationale
8	Non-PFAS Analysis	On 27 January 2021, Defence instructed AECOM to discontinue the analysis of samples for non-PFAS analytes unless it was specifically requested in the OMP or approved by Defence.
9	Monitoring location removed from OMP – POT059	During the June 2019-June 2020 monitoring period, private landowner declined the sample location to be shown on a map. Discontinue monitoring as nearby monitoring well MW121 provides data for this area.
10	Monitoring location removed from OMP – POT156	During the June 2019-June 2020 monitoring period, private landowner declined the sample location to be shown on a map. No alternate location required given that POT156 was considered to be an isolated detection of PFAS.
11	Monitoring location removed from OMP – MW259S	During the June 2019-June 2020 monitoring period, private landowner declined the sample location to be shown on a map. Discontinue monitoring as nearby monitoring well MW255S is suitably located to assess PFAS plume in this area.
12	Monitoring locations removed from OMP – MW219S/D, MW274S/D, MW275S	During the November 2020 sampling event, the private land holder declined sampling and future involvement in the OMP. No alternate locations are required as the following monitoring wells within the OMP are considered to provide adequate coverage in this area: MW188S/D, MW126S/D and MW278S/D
13	Monitoring location removed from OMP – MW279D	During the June 2019-June 2020 monitoring period, MW279D was observed to be destroyed. No alternate location are required as MW128D, which is part of the OMP, provides adequate coverage in this area.
14	Monitoring location removed from OMP – MW832	During the May 2020 and November 2020 monitoring events, MW832 was not able to be located and appears to have been buried under sand. No alternate locations are required as MW132D, which is part of the OMP, provides adequate coverage in this area.
15	Monitoring location removed from OMP – MW165	MW165 has not been located since the May 2019 sampling event. No alternate locations are required as this location was sampled five times between 2016 and 2019 and results were consistently below LOR.
16	Monitoring location removed from OMP – MW205	MW205 has not been located since the OMP started and was last sampled in 2017. No alternate locations are required as MW208 and MW210S/D provide adequate coverage in this area.
17	Monitoring location removed from OMP – MW276D	MW276D has been destroyed. No alternate locations are required as MW128D and MW316D provide adequate coverage in this area.
18	Monitoring location removed from OMP – POT184	During the May 2020 sampling event, the private land holder declined sampling and future involvement in the OMP. No alternate locations are required as MW260D is considered to provide adequate coverage in this area.
19	Removal of MW120, MW177, MW226S, MW226D MW266S, MW266D, MW814 and MW826	In the *Sampling Event Factual Report – May 2022*, AECOM recommended the removal of these eight monitoring locations from the OMP scope of works given that they have not been able to be sampled over successive sampling events and, in some cases, since 2018-2019. These locations are either lost, destroyed or unable to be accessed in the long term.
20	Addition of MW150S and MW150D	In the *Sampling Event Factual Report – May 2022*, AECOM recommended the addition of these two monitoring wells to replace MW120 as more suitable locations.

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No.	Description	Rationale
21	Removal of private property sampling locations MW235D, MW235S, MW267D, MW267S, SW072, SD072, SW082 and SD082	In the *Sampling Event Factual Report – May 2022*, AECOM recommended that these eight private property sampling locations be removed as the property owners have opted out of participating in the OMP and have not provided consent to access their properties for sampling.
22	Addition of SW600 and SD600	In the *Sampling Event Factual Report – May 2022*, AECOM recommended that these co-located surface water and sediment sampling locations be added to the OMP scope of works to replace former sampling locations SW072 and SD072 as they are more accessible.
23	Removal of Section 4.6 – Mass Flux Sampling and Assessment	Given that the surface water mass flux scope of works defined in the OMP was completed during the initial three-year implementation period, this section has been removed from the SAQP as it is no longer applicable.
24	Removal of Section 4.7 – Opportunistic Flood Sampling	Given that the opportunistic flood sampling scope of works defined in the OMP was completed during the initial three-year implementation period, this section has been removed from the SAQP as it is no longer applicable.
25	Removal of Section 4.8 – Continuous Surface Water and Groundwater Level Logging	In consultation with the Lead Consultant (AECOM), it was agreed that the requirement to collect continuous water level data at selected groundwater and surface water locations for a minimum period of 12 months has been fulfilled. The continuous water level logger data collected between November 2019 and May 2022 was considered to provide a sufficiently representative data set for the purposes of the OMP, and therefore can be discontinued. Therefore, this task has been removed from the updated SAQP.
26	Removal of Section 4.24.4 – Event Based Sampling Reporting	Given that the event based sampling defined in the OMP was completed during the initial three-year implementation period, this section has been removed from the SAQP as it is no longer applicable.

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Appendix A

Figures

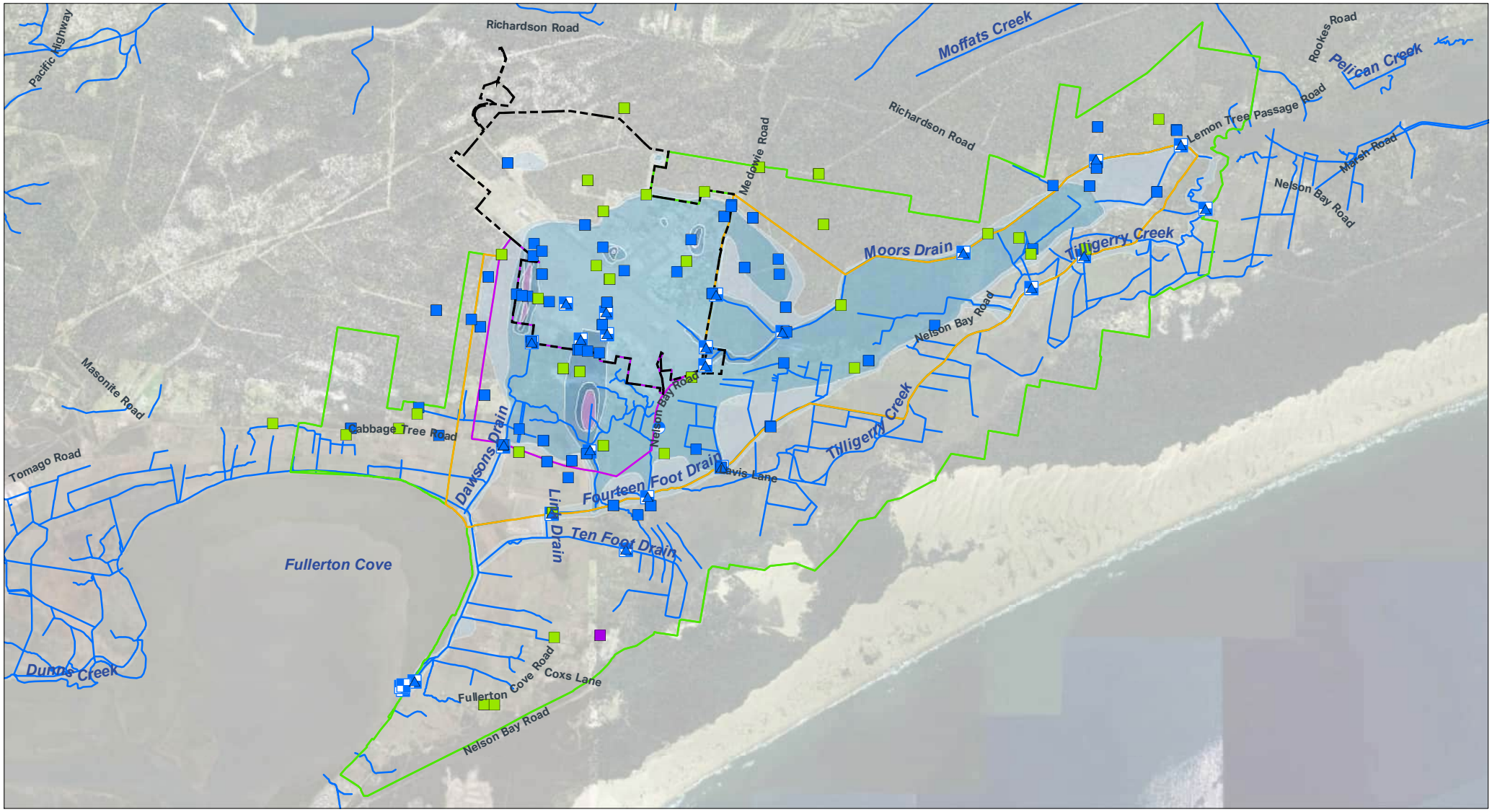

FIGURE F1: MONITORING LOCATIONS - OVERVIEW

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- Drainage
- Sediment
- Groundwater
- Surface Water
- Annual Sampling
- Bi-annual Sampling
- Gauge Only

Interpreted PFOS + PFHxS Concentration Ranges (µg/L)

- >100
- >50 - 100
- >10 - 50
- >0.07 - 10
- > Limit of Reporting - 0.07

N

0 0.5 1 km

AECOM

PROJECT NAME:
PFAS OMP
REPORT NAME:
Sampling and Analysis Quality Plan
RAAF Base Williamtown (0908)
PROJECT NUMBER:
60612562
CLIENT
Department of Defence

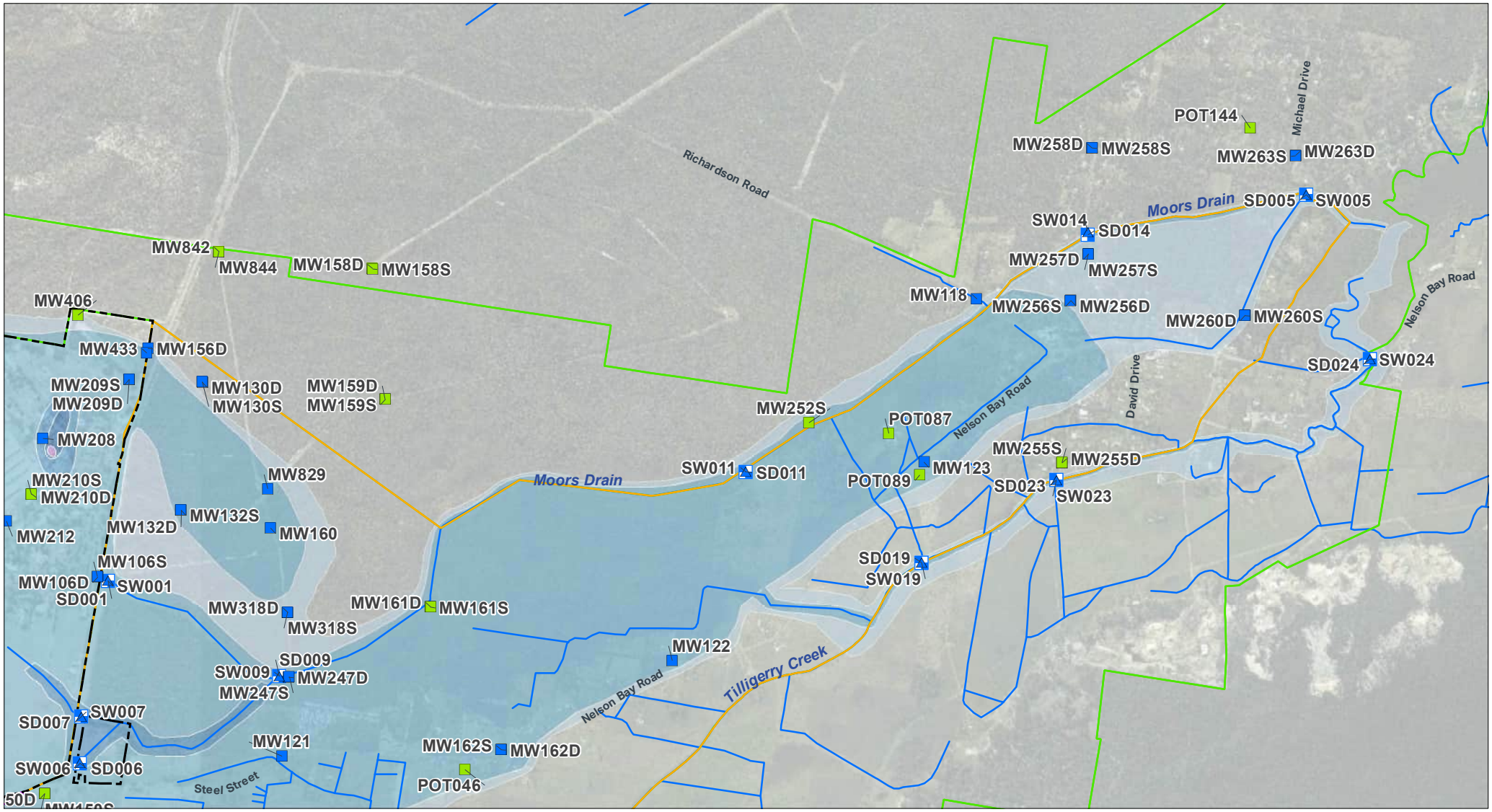

FIGURE F2: MONITORING LOCATIONS - EAST

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- Drainage
- Sediment
- Groundwater
- Surface Water
- Annual Sampling
- Bi-annual Sampling
- Gauge Only

Interpreted PFOS + PFHxS Concentration Ranges (µg/L)

- >100
- >50 - 100
- >10 - 50
- >0.07 - 10
- > Limit of Reporting - 0.07

N

0 0.5 1 km

AECOM

PROJECT NAME:
PFAS OMP
REPORT NAME:
Sampling and Analysis Quality Plan
RAAF Base Williamtown (0908)
PROJECT NUMBER:
60612562
CLIENT
Department of Defence

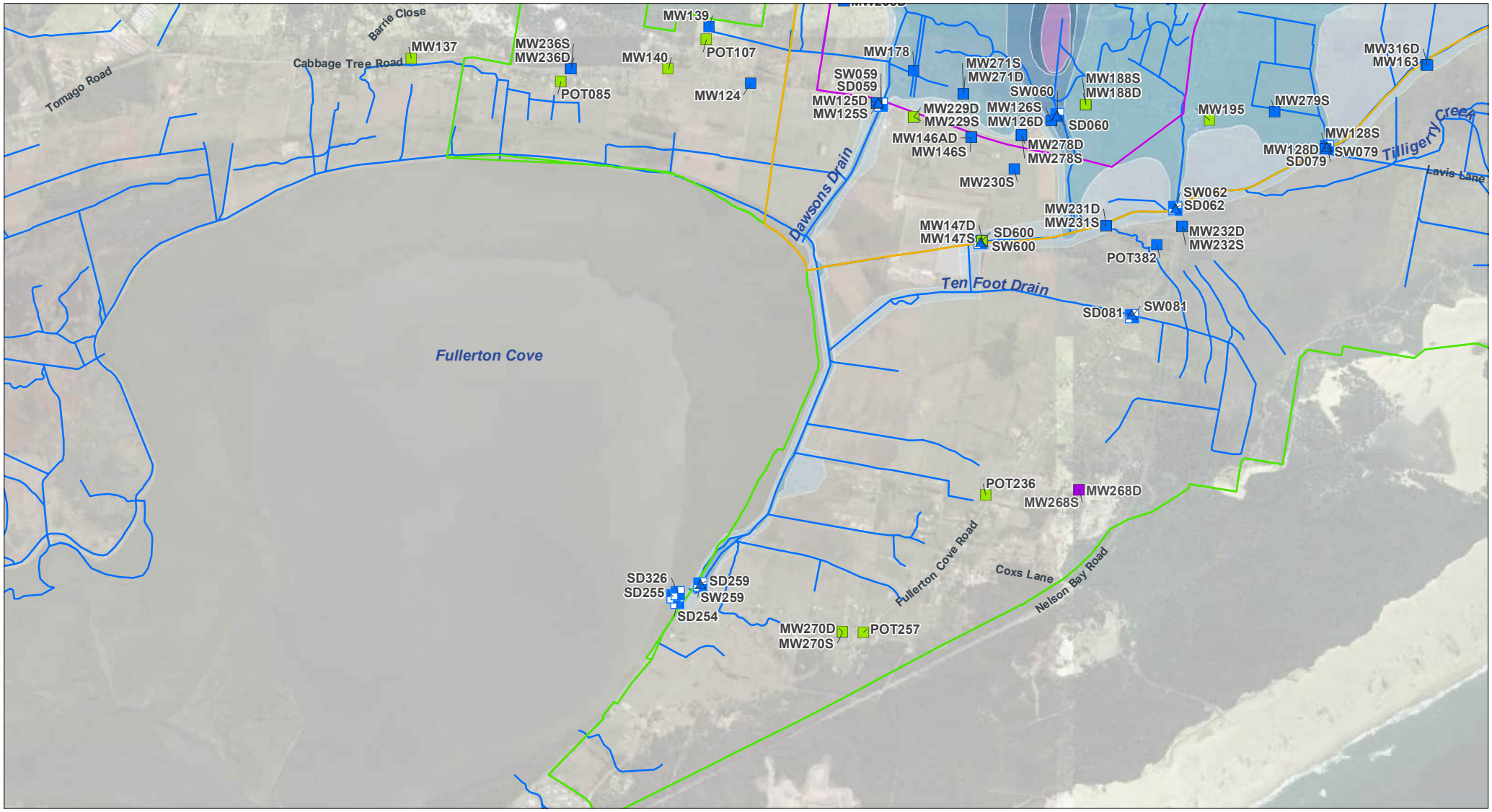

FIGURE F3: MONITORING LOCATIONS - SOUTH

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- Drainage
- Sediment
- Groundwater
- Surface Water
- Annual Sampling
- Bi-annual Sampling
- Gauge Only

Interpreted PFOS + PFHxS Concentration Ranges (µg/L)

- >100
- >50 - 100
- >10 - 50
- >0.07 - 10
- > Limit of Reporting - 0.07

N

0 0.5 1 km

AECOM

PROJECT NAME:
PFAS OMP
REPORT NAME:
Sampling and Analysis Quality Plan
RAAF Base Williamtown (0908)
PROJECT NUMBER:
60612562
CLIENT
Department of Defence

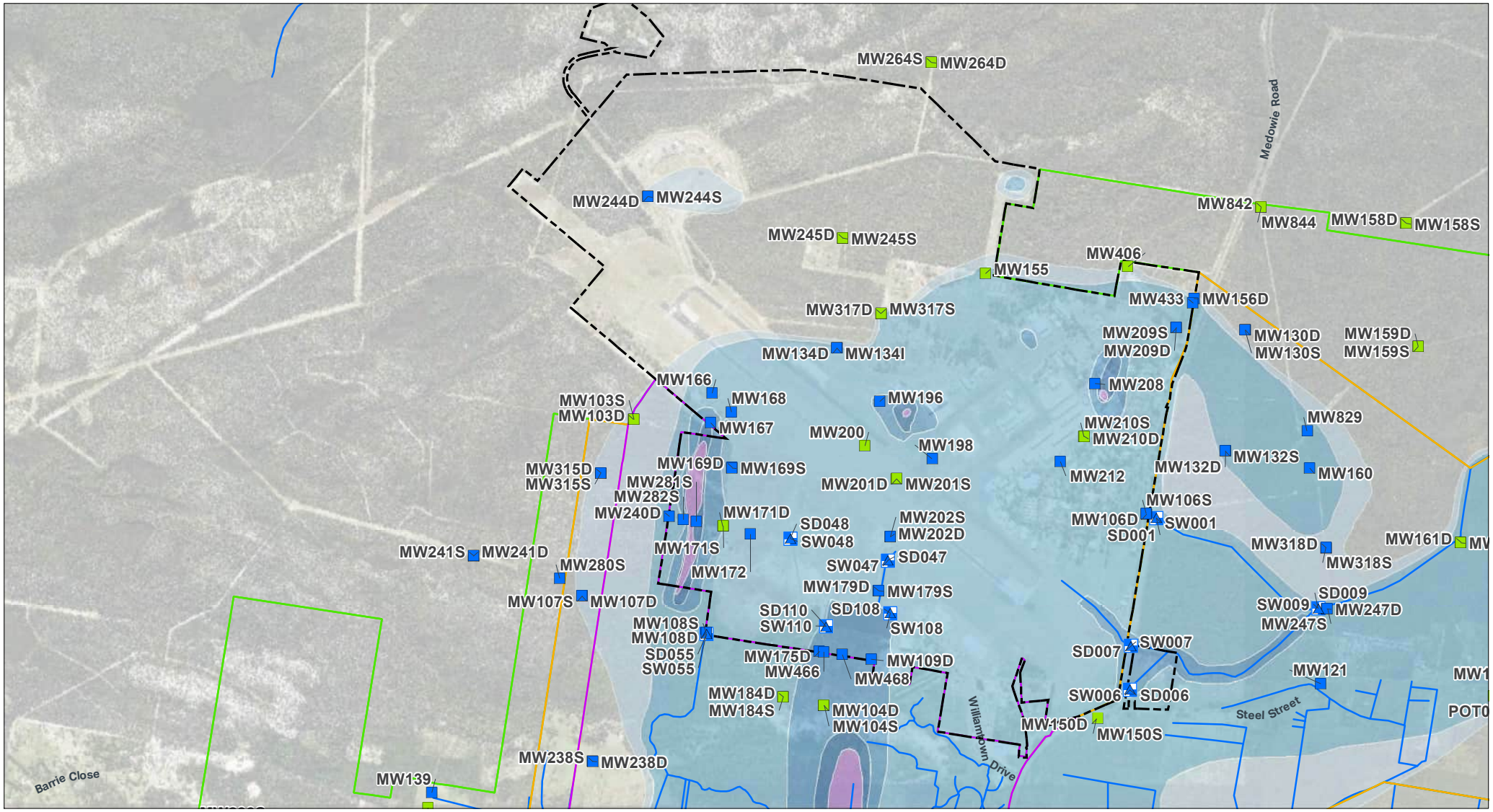

FIGURE F4: MONITORING LOCATIONS - BASE AND WEST

Legend

- RAAF Base Williamtown
- Primary Management Zone
- Secondary Management Zone
- Broader Mangement Zone
- Drainage
- Sediment
- Groundwater
- Surface Water
- Annual Sampling
- Bi-annual Sampling
- Gauge Only

Interpreted PFOS + PFHxS Concentration Ranges (µg/L)

- >100
- >50 - 100
- >10 - 50
- >0.07 - 10
- > Limit of Reporting - 0.07

N

0 0.5 1 km

AECOM

PROJECT NAME:
PFAS OMP
REPORT NAME:
Sampling and Analysis Quality Plan
RAAF Base Williamtown (0908)
PROJECT NUMBER:
60612562
CLIENT
Department of Defence

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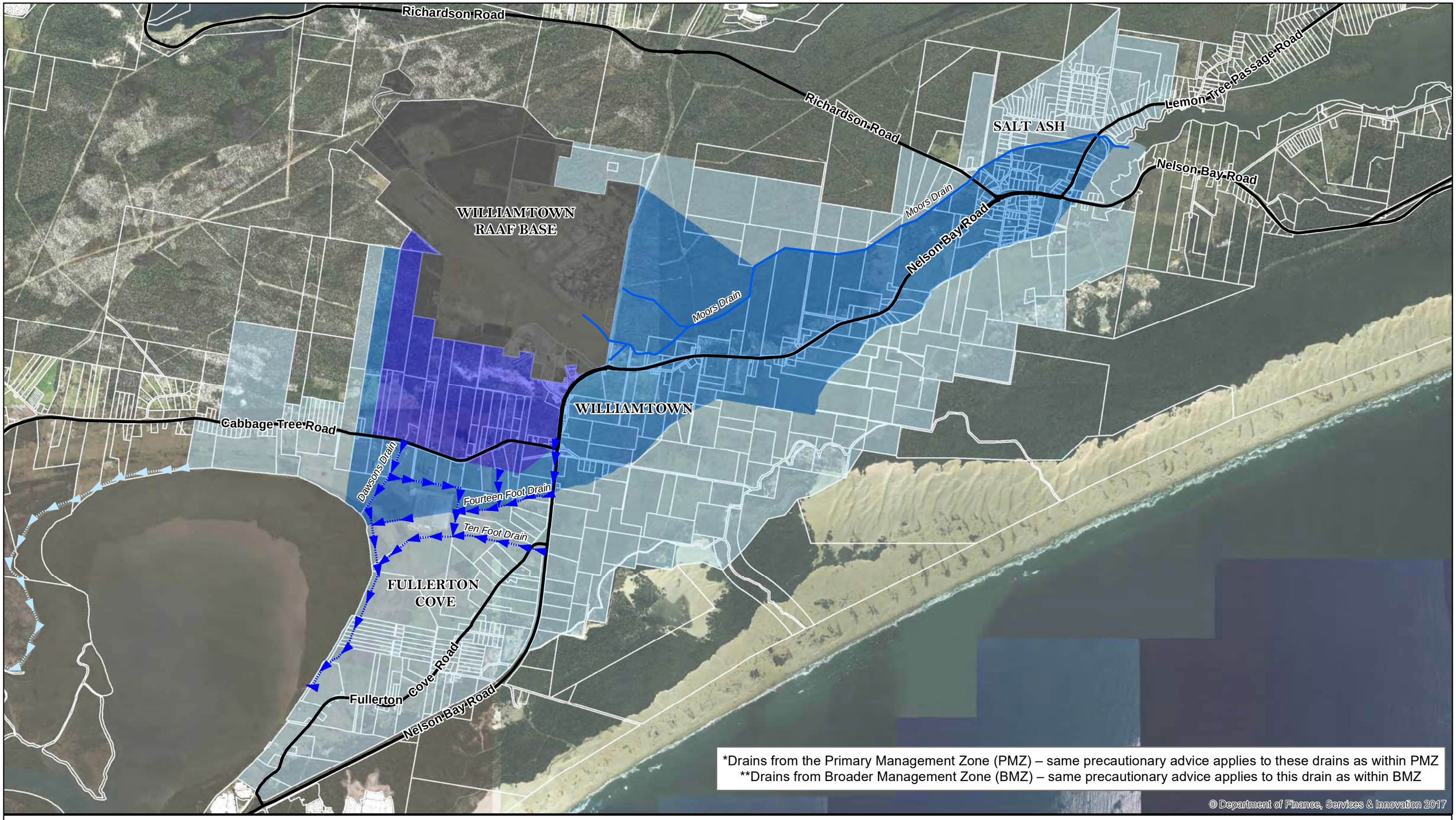
Appendix B

Williamtown Management Area



Primary Management Zone
Secondary Management Zone
Broader Management Zone
Williamtown RAAF Base
Property Boundary
Roads
Moors Drain
Drains from Primary Management Zone*
Drains from Broader Management Zone**

Williamtown Management Area

Map Created: 19/12/2017

Base imagery: Nearmap 17 November 2017

N

0 1,000 2,000 Metres

Coordinate System: GDA 1994 MGA Zone 56

NSW GOVERNMENT

DRAFT

Appendix C

SOP for Aquatic Biota Sampling

APPENDIX A:

Standard Operating Procedure for Aquatic Biota Sampling

1.0 Introduction

This procedure describes the methods for collecting representative aquatic biota samples from Fullerton Cove. If followed properly, use of this procedure will promote consistency in sampling collection and ensure regulatory compliance across Australia where best practice guidelines have been developed.

It is assumed that an appropriately experienced sub-contractor will be engaged to undertake the sampling. The subcontractor should hold the appropriate sampling permits and ethics approvals for the specific activity that is being undertaken. The sub-contractor engaged will supply all the necessary equipment to catch and store the samples on the vessel.

It is anticipated that an Environmental Scientist will be present at all times during the sampling stage of the works. In instances where this may not be possible due to the restrictions of the vessel, the sub-contractor will be fully briefed by the Environmental Consultant as to the procedure required.

2.0 Health and Safety

Health and Safety Plan (HASP) and task specific Safe Work Method Statements (SWMS) will be prepared prior to field works. The SWMS or Job Safety Analysis (JSA) will also be prepared by the sub-contractor for their specific tasks.

Prior to commencement of the works the project team will review the SWMS/JSA and discuss the potential hazards and mitigation measures.

Once the project team arrive at the sampling location, the hazards must be identified and adequate precautions must be taken to ensure the safety of the sampling team.

All sampling personnel must wear personal flotation devices (life vests). In addition it is assumed that the majority of the sampling will be from a boat, where appropriate protective measures must be identified and implemented in accordance with reviewed and approved HASP and SWMS/JSA. In addition, the use of electronic position indicating radio beacons (EPIRBs) will be considered.

3.0 Equipment

Equipment needed by the Environmental Consultant for collection of aquatic biota samples, may include:

- Stainless steel buckets.
- Two stainless steel identification board.
- Stainless steel ruler.
- Laboratory supplied polypropylene containers.
- GPS.
- Camera.
- Clipboard.
- Analytical-quality de-ionised water (15 L).
- Notebook / Felt-tipped markers / Waterproof labels.
- Digital scales.
- Cool box and ice.

- Figures of the sampling sites.
- Life vests.

4.0 Procedure

The following steps will be performed:

Monitoring

The following monitoring will be undertaken:

- Target sentinel species, namely School Prawn, Luderick and Dusky Flathead.
- Collection 4 composites of up to 10 individuals be prepared for each species.
- Monitor in Fullerton Cove.
- Monitor in December / January, on an annual basis.

The annual monitoring will continue for at least 3 years, and reviewed as outlined in this Addendum OMP.

Planning, Mobilisation and Setup

- Prior to mobilisation, the sampling team will review the *Addendum OMP – Biota Sampling* to ensure they are familiar with the sampling plan, the sampling methods to be employed, and the types and amounts of equipment and supplies needed. This will be conducted by a project kick-off meeting.
- A kick-off meeting will also be conducted with the sub-contractor to ensure that the appropriate documentation in terms of permits are in place.
- The laboratory will be contacted at a minimum of one week prior to the intended sampling date to confirm the mass of tissue required and to ensure that the laboratory has the appropriate personnel available for preparation.
- Field staff will arrange field sampling equipment, as required.
- Weather forecast will be checked in the lead up to the sampling event. In the event that the forecast indicates stormy conditions, the sampling will be postponed until the weather clears.

On Arrival to Site/ Daily

- The conditions on arrival at site will be evaluated and discussed during the Toolbox talk. The sampling team will review the HASP and any modifications to the HASP and SWMS/JSA will be documented.
- Date, time of arrival on site, and site conditions (including weather) will be recorded.
- General locations for sampling will be marked or identified on a site map with a geo-reference to landmarks/topography. GPS coordinates will be recorded for each location. As required, the proposed locations may be adjusted based on site conditions and access.
- Photographs of the sampling locations and surrounding conditions will be taken.

Sampling

- Prior to sampling all dissection equipment will be decontaminated using laboratory supplied deionized water and three separate rinse stages. Sampling and monitoring equipment will also be decontaminated between sampling events at the same location, and following completion of the sampling event.
- Buckets will be prepared for sample holding and cleaning. One bucket (Bucket 1) will be filled with the local water and labelled and a second (Bucket 2) and third bucket (Bucket 3) with DI water. Scrubbing brushes will be used to clean the sample, where required. All scrubbing brushes will be kept in their appropriate buckets – labelling buckets and scrubbing brushes will ensure they are not mixed.

- Samples will be captured utilising the following process, similar to the previous methodology during Stage 2B investigations, and undertaken in accordance with the appropriate permits and ethics approval:
    - Boats will be used to deploy mesh netting. Nets will be placed over night in the target locations and will be collected the following morning. Observations on the number of target species captured, bycatch and water quality will be recorded. Bycatch will be returned to the water, where possible.
    - A prawn trawler will be used to trawl a net throughout the target area. At the end of each sampling run the net will be inspected. Observations on the number of target species captured, bycatch and water quality will be recorded. Bycatch will be returned to the water, where possible.
    - All target specimens will be retrieved from the nets, euthanised, then prepared for processing to the laboratory. Target fish will be euthanized by blunt force trauma, followed by exsanguination. No compositing will be undertaken in the field.
- Whole samples will be placed on the first identification board, and assigned one of three groupings; Group PR, Group GX or Group GY by the environmental consultant. Groupings are presented in **Table 1**. The species will be logged and measured to confirm if the sample is the legal length, where applicable.
- Where sample does not meet the legal requirements, the sample details will still be recorded, but returned to the water.
- If sample meets the appropriate requirements, it will be placed in Bucket 1 and rinsed of foreign matter.
- The sample will be assigned a sample ID, as per the sample naming system presented in **Table 2** below. The sample will be moved from Bucket 1 and euthanized.
- The sample will be weighed and the weight recorded together with the biometric information as per **Table 3**. Where the specie is from one of the sample groups that are to be composited, sufficient species will be grouped together, with sufficient mass, to form the one sample (with one sample ID).
- After weighing, the sample will be placed in Bucket 2 (containing DI water), scrubbed with a brush and rinsed, the sample will then be rinsed in Bucket 3. The sample will be photographed after it is rinsed. Rinsate samples will be collected as documented in the OMP.
- The sample will be placed into the appropriate sample containers and labelled with the ID. In addition, the sample will also be labelled with the time the sample was bagged and weight of the sample. The sample will be photographed after it is bagged.
- Samples will be placed on ice, the chain of custody (CoC) documentation completed including the job number. Date and time of sample collection, sample ID, name of sampler, laboratory to be used, analyses required, any comments and signatures of the sampler and laboratory receiver.
- The samples will be transported to the laboratory as soon as practicable.
- Upon receipt of the original documents accompanying the samples at the laboratory, the laboratory will provide a sample receipt document (noting temperature of samples upon receipt, analyses required and any non-conformances) and return the signed CoC form to confirm analyses to be performed. Subject to laboratory processing times the samples will be processed and dissected on the day following capture (within the laboratory).

On Leaving Site

- Place all specimens in appropriate containers and chilled.
- Ensure all samples are appropriately labelled and kept out of sunlight once sampled.
- Call the laboratory and let them know that the samples are being delivered.
- Follow the communications plan detailed in the HASP on demobilisation from site.

5.0 Sample Preparation

As noted in **Section 4.0**, samples are caught whole, washed at the point of sampling and then transported to the laboratory.

The samples will be registered in line with the laboratory procedures (as noted in **Section 4.0**).

Two types of sample preparation will be required depending on the Biota Group:

- Group PR will be prepared as composite samples as detailed in **Section 5.1**; and
- Group X and Group Y will be prepared as whole samples.

5.1 Composite sampling (prawns)

This step relates to samples with an ID relating to Group PR.

The sample will be removed from its storage container and deshelled. The edible portion of the sample will removed from the remainder of the sample. The portion of the sample removed from the shell will be weighed and recorded.

The deshelled potion will be placed into an appropriate container.

All surfaces and equipment discarded or cleaned with scrubbing and clean water between each sample. Knife mill and homogeniser cleaned with PFAS-free detergent and clean water.

All samples to be held will be placed into appropriate storage containers and placed in freezers in the laboratory.

5.2 Whole samples (fillets)

This step relates to samples with an ID relating to Group GX and Group GY.

The sample will be descaled and gutted.

If the contents of the gut are identifiable, it will be recorded.

Where fish gonads (i.e. roe and milt) are present, they will be removed from the fish and recorded. The fish gonads will be placed in separate containers and assigned an ID of the parent fish, with a sub ID GONADS. The sample will be frozen and placed on hold and will be analysed, pending discussion with project team.

Once the sample is descaled and gutted, the sample will be filleted with the skin intact. The right side fillet will be used as the primary sample and the left side fillet will be placed on hold. Where a fish is earmarked for duplicate or triplicate analysis the left fillet of the primary will be used.

All surfaces and equipment discarded or cleaned with scrubbing and clean water between each sample. Knife mill and homogeniser cleaned with PFAS-free detergent and clean water.

5.3 Sample Details

The length for each species is provided in **Table 1**, below.

Table 1 Species List and Groupings

Species	Legal length* cm Saltwater
PR	
School Prawn (Metapenaeus macleayi)	-
Group GX	
Dusky Flathead (Platycephalus fuscus)	36
Group GY	
Luderick (Girella tricuspidata)	27

*Legal Length (should be confirmed with NSW DPI website at the time of sampling)

The sample nomenclature is presented in **Table 2**, the example shows that sampling occurs in Fullerton Cove (FC) with one dusky flathead, one luderick and one school prawn caught.

Table 2 Sampling Nomenclature

Site	Species Group	Sample number	Date	Sample ID	Comment
FC	PR	002	20180111	FC_PR_002_20180111	school prawn
FC	GX	003	20180111	FC_GX_003_20180111	Dusky Flathead
FC	GY	003	20180111	FC_GY_003_20180111	Luderick

The information that is required to be recorded is provided in **Table 3**, below.

Table 3 Information to be recorded per sample

Item
Sampling Location
Date
Time
Weather conditions
Species: Name
Photo
Length
Weight
Observations:
Abundance of species in the area?
Sample Preparation
How was sample caught
Was sample washed
All whole samples will be filleted in the primary laboratory.

DRAFT

Appendix D

Standard PFAS Analytical Suite Guidance

Australian Government
Defence

Department of Defence

PFAS INVESTIGATION AND MANAGEMENT

GUIDANCE DOCUMENT E
STANDARD PFAS ANALYTICAL SUITE

Document Version History

Document Reference	Revision	Date
AF29889468	1	10 July 2017
AF32594670	2	21 March 2018
AF32594670	3	6 April 2018
BS24034025	4	1 October 2021
BS24034025	5	29 June 2022

Analytical laboratories analyse a range of PFAS which includes a small subset of all possible PFAS. These analytical suites vary between laboratories and over time as new chemical standards become available. The minimum suite required for Defence PFAS investigations and management is listed in Table 1.

Table 1 Minimum PFAS analytical suite for Defence PFAS investigations and management

Group	Acronym	Chemical Compound	CAS No.
Perfluoroalkane Sulfonic Acids	PFBS	Perfluorobutane sulfonic acid	375-73-5
	PFPeS	Perfluoropentane sulfonic acid	2706-91-4
	PFHxS	Perfluorohexane sulfonic acid	355-46-4
	PFHpS	Perfluoroheptane sulfonic acid	375-92-8
	PFOS	Perfluorooctane sulfonic acid	1763-23-1
	PFDS	Perfluorodecane sulfonic acid	335-77-3
Perfluoroalkane Carboxylic Acids	PFBA	Perfluorobutanoic acid	375-22-4
	PFPeA	Perfluoropentanoic acid	2706-90-3
	PFHxA	Perfluorohexanoic acid	307-24-4
	PFHpA	Perfluoroheptanoic acid	375-85-9
	PFOA	Perfluorooctanoic acid	335-67-1
	PFNA	Perfluorononanoic acid	375-95-1
	PFDA	Perfluorodecanoic acid	335-76-2
	PFUnDA	Perfluoroundecanoic acid	2058-94-8
	PFDoDA	Perfluorododecanoic acid	307-55-1
	PFTrDA	Perfluorotridecanoic acid	72629-94-8
	PFTeDA	Perfluorotetradecanoic acid	376-06-7
Perfluoroalkyl Sulfonamides	FOSA	Perfluorooctane sulfonamide	754-91-6
	MeFOSA	N-Methyl perfluorooctane sulfonamide	31506-32-8
	EtFOSA	N-Ethyl perfluorooctane sulfonamide	4151-50-2
	MeFOSE	N-methyl perfluorooctane sulfonamidoethanol	24448-09-7
	EtFOSE	N-Ethyl perfluorooctane sulfonamidoethanol	1691-99-2
	MeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid	2355-31-9
	EtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6
(n:2) Fluorotelomer Sulfonic Acids	4:2 FTS	4:2 Fluorotelomer sulfonic acid	757124-72-4
	6:2 FTS	6:2 Fluorotelomer sulfonic acid	27619-97-2
	8:2 FTS	8:2 Fluorotelomer sulfonic acid	39108-34-4
	10:2 FTS	10:2 Fluorotelomer sulfonic acid	120226-60-0

The minimum PFAS analytical suite is based on consideration of analytical capability and the dominant PFAS that are likely to be present in environmental media due to legacy contamination from AFFF used by Defence. In specific instances, for example analysis of AFFF concentrates, it may be necessary to use other methods such as the TOP and/or TOF assays. In these cases, the analytical methods need to be established by data quality objectives (DQOs) for the project.

The laboratory is required to use NATA accredited methods for PFAS quantification based on guidance in the *PFAS National Environmental Management Plan* (NEMP, 2020).

END OF TEXT