# Technical Note

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| Project Title | Mobuoy PFAS | | | | |
| Project No. | 787-B030252 | | | | |
| Title | Mobuoy PFAS Technical Note | | | | |
| Date | 21/04/2026 | Revision | 1 | Status | Final |
| Prepared by | [redacted] | Checked by | [redacted] | Approved by | [redacted] |

## 1.0 Introduction

Tetra Tech Consulting (NI) Limited (Tetra Tech) were appointed by Northern Ireland Environment Agency (NIEA), an executive Agency within the Department of Agriculture Environment and Rural Affairs (DAERA) to produce a Technical Note following several rounds of PFAS monitoring undertaken to date in association with the project referred to as 'Mobuoy Road PFAS Monitoring.' A site location plan and monitoring location plans are shown on Figures 1-3.

### 1.1 Background

The Mobuoy site is located on the outskirts of the city of Derry/Londonderry on the Mobuoy Road. It encompasses an area of approximately 46ha and currently consists of two distinct parcels of land either side of Mobuoy Road identified as City Industrial Waste (CIW) and Campsie Sand and Gravels (CS&G) as shown on Figure 1.

The site has been subject to extensive investigation and assessment over the years due to the presence of large volumes of illegally deposited waste on the site. A Draft Remediation Strategy was prepared in June 2023 for the site which was subject to public consultation which opened on 13th June 2025 and closed on 2nd October 2025. Following public consultation on the draft Remediation Strategy, which is an outline of proposed remediation solutions for the site, it is recognised that further detailed design work is planned.

This report focusses on Per-and Polyfluoroalkyl Substances (PFAS) and their implications for the Remediation Strategy. PFAS are large family of synthetic compounds, used in industrial process since the 1940. The most studied PFAS compounds are Perfluorooctanesulphonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA), which can pose potentially significant risks to human health and the environment, and are therefore the subject of increasing regulatory focus in respect of their compliance with regulatory standards.

PFOS and PFOA are used in a wide variety of manufacturing processes which utilise electrochemical fluorination (ECF) and have had widespread use in everyday products like adhesives, fabrics, Teflon and fast-food wrappers as well as performance chemicals such as firefighting foams. Because they are highly resistant to degradation (persistent), highly water-soluble, and are prone to bind to soil organic matter, they can be extremely problematic to remove from the environment once released. Given the site history, the potential for PFAS contaminants to reside within waste derived leachate exists.

## 1.2 Aims and Objectives

The aim of this report is to complete a review of PFAS monitoring works completed at the Mobuoy site to date, including the sampling and associated laboratory analysis.

The objectives are as follows:

- Present and summarise the factual PFAS monitoring data for the Mobuoy site;
- Review the assessment methodology, including the assessment criteria for PFAS;
- Compare measured PFAS concentrations to appropriate screening criteria;
- Analyse trends in PFAS occurrence across the Mobuoy site to identify patterns, potential sources and likely migration pathways; and
- Provide recommendations for future PFAS works.

## 1.3 Terms and Conditions

Tetra Tech's Terms and conditions are available within Appendix A.

# 2.0 Summary of PFAS Monitoring Reports

PFAS monitoring data is available from the following previous reports completed for the Mobuoy site:

- Tetra Tech, PFAS Monitoring Factual Report, dated February 2022
- Tetra Tech, PFAS Monitoring Factual Report, dated April 2024
- Tetra Tech, PFAS Monitoring Factual Report, dated June 2024
- Tetra Tech, PFAS Monitoring Factual Report, dated September 2024
- Tetra Tech, PFAS Monitoring Factual Report, dated February 2025
- Tetra Tech, PFAS Monitoring Factual Report, dated September 2025
- Tetra Tech, PFAS Monitoring Factual Report, dated October 2025
- Tetra Tech, PFAS Monitoring Factual Report, dated March 2026

PFAS monitoring data was collected from both borehole and surface water locations. Samples were sent for either of the following laboratory analysis:

- Perflouroalkyl Substances (PFAS) Suite comprised a Target List of PFBA , PFBS , PFPeA , PFHpA, 4:2 FTS, PFHxA, PFOA, PFNA, PFDA , PFUnA, PFDoA, PFTrDA, PFPeS, 6:2 FTS, PFHxS PFHpS, FOSA, 8:2 FTS , PFNS, N-MeFOSA, N-EtFOSA, PFTA/PFTeA, PFOS, PFDS, 5:3FTCA .
- Total Oxidisable Precursors (TOP) Assay comprises an estimate of the presence of additional PFAS or other precursors which may be present and which may form PFOS/PFOA in the environment. Analysis included 5:3FTCA.
- The Perflouroalkyl Substances PFAS Target List (Low Level) comprised 53 substances by Solid Phase Extraction with the lowest available detection limits.

The PFAS monitoring data from previous reports is summarised in Table 2-1 below.

Table 2-1: Summary of PFAS Monitoring Data

| Report | Borehole locations sampled | Surface water locations sampled | Laboratory analysis |
|---|---|---|---|
| February 2022 | 4 no. landfill leachate monitoring wells (BHW1, BH213, BH214 and BH215) | 4 no. surface water locations (SW6 UPSTREAM and SW8 DOWNSTREAM, Culmore WWTW and Drumahoe DISCHARGE (TRIBUTARY)). | PFAS Suite and TOP Assay |
| April 2024 | 3 no. landfill leachate monitoring wells (BHW1, BH213 and | 3 no. surface water locations (SW6 UPSTREAM, SW8 | PFAS Target List (Low Level) |

| Report | Borehole locations sampled | Surface water locations sampled | Laboratory analysis |
|---|---|---|---|
| | BH215), 7 no. groundwater monitoring wells (BH06, BH107, BH206, BH207, BH403, BH411 and BH635D) | DOWNSTREAM and Culmore WWTW). | |
| June 2024 | 3 no. groundwater monitoring wells (BH06, BH411 and BH637) | 2 no. surface water locations (SW6 UPSTREAM and SW8 DOWNSTREAM). | PFAS Target List (Low Level) |
| September 2024 | 3 no. groundwater monitoring wells (BH06, BH411 and BH637) | 2 no. surface water locations (SW6 UPSTREAM and SW8 DOWNSTREAM). | PFAS Target List (Low Level) |
| February 2025 | 10 no. groundwater/leachate monitoring wells (BH06, BH107, BHW1, BH206, BH207, BH213, BH215, BH403, BH411, BH637) | 3 no. surface water locations (SW6 Upstream, SW8 Downstream and Cloghole). | PFAS Target List (Low Level) |
| September 2025 | 3 no. groundwater monitoring wells (BH06, BH411 and BH637) | 2 no. surface water locations (SW6 Upstream and SW8 Downstream) | PFAS Target List (Low Level) |
| October 2025 | 3 no. groundwater monitoring wells (BH06, BH411 and BH637) | 2 no. surface water locations (SW6 Upstream and SW8 Downstream). | PFAS Target List (Low Level) |
| March 2026 | 10 no. groundwater monitoring wells (BH06, BH107, BHW1, BH206, BH207, BH213, BH215, BH403, BH411 & BH637) | 3 no. surface water locations (SW6 Upstream, SW8 Downstream and Carmoney WTW). | PFAS Target List (Low Level) |

The previous reports listed at the beginning of Section 2.0, were largely factual and provided no data interpretation, except for the February 2022 report. With the recent publication in January 2026 by the Environment Agency of PFAS assessment criteria titled “Developing thresholds for managing PFAS in the water environment”, a review of all previous PFAS monitoring data is warranted and is presented in the following sections.

# 3.0 Assessment Methodology

## 3.1 Site Context

In order to determine the appropriate assessment methodology an understanding of the site context is required. The Mobuoy site is situated in an environmentally sensitive location. Its closest receptor is a surface water receptor known as the River Faughan. This river borders the west of site and has been shown to be hydraulically linked to groundwater leaving the site. The river is also ecologically sensitive whereby it lies within an Area of Special Scientific Interest (ASSI) and a Special Area of Conservation (SAC). The river is also classified under the Water Framework Directive (WFD) as having an overall moderate ecological status.

In addition, there is a public drinking water abstraction from the River Faughan at Cloghole located approximately 2.1 km downstream of site.

### 3.1.1 Monitoring Locations

PFAS monitoring was completed at both groundwater monitoring locations and surface water monitoring locations, as listed in Table 2-1 in Section 2.0 of this report. Monitoring locations are presented in Figure 2 and 3. It should be noted that monitoring locations are not distributed across the entire site; rather, they were selected on the basis of higher risk associated with the waste types identified in these areas. Accordingly, the findings of this assessment should not be considered representative of the site as a whole.

## 3.2 Assessment Criteria

The assessment methodology includes review of the laboratory testing completed, and comparison with currently available assessment criteria. The laboratory testing provided within the majority of previous reports was performed using USEPA-referenced LC–MS methods capable of quantifying a standard PFAS suite (50 analytes) in the parts-per-trillion (ppt) range, which remains the most up-to-date PFAS analysis method. Laboratory detection limits of PFAS compounds were largely suitable to assess compliance with the assessment criteria.

### 3.2.1 Drinking Water

There is currently no specific standard for PFAS compounds listed in the Northern Ireland Water Quality (Water Supply) Regulations 2017; therefore, the currently available drinking water guidelines relevant to this assessment are as follows:

- EU Drinking Water Guidelines - Directive (EU) 2020/2184 of the European Parliament and of the Council of 16 December 2020 on the quality of water intended for human consumption. In January 2026, new rules for monitoring PFAS against harmonised limits enforced.
- UK Drinking Water Inspectorate (DWI) - Guidance on the Water Supply (Water Quality) Regulations 2016 (as amended) for England and Water Supply (Water Quality) Regulations 2018 for Wales specific to PFAS (per- and polyfluoroalkyl substances) in drinking water, last updated March 2025.

### 3.2.2 Environmental Quality Standards

The EU Environmental Quality Standard (EQS) for Total PFOS in surface water is 0.00065 µg/L, to be achieved by 2027.

It should be noted that the EU has reached a provisional agreement (as of September 2025) to update water legislation, introducing a strict Environmental Quality Standard (EQS) for the "sum of 25 PFAS" of 0.0044 µg/L in surface waters.

Further assessment criteria include the Environment Agency (EA) research and analysis guidance[1] titled “Developing thresholds for managing PFAS in the water environment” published in January 2026. The EA derived four assessment water criteria referred to as Hazard quotient (HQ) which is a ratio that compares a measured concentration of a contaminant to a threshold concentration considered to be protective of the human health via the consumption of fish i.e secondary contamination.

These assessment criteria are listed below:

- PFOA — 0.0004 µg/L
- PFOS — 0.00015 µg/L
- PFNA — 0.0003 µg/L
- PFHxS — 0.0002µg/L

It is noted that the recent values derived for Total PFOS do not replace the existing statutory EQS for Total PFOS.

The results of the Tetra Tech data screening assessment are presented at Appendix B.

[1] https://www.gov.uk/government/publications/developing-thresholds-for-managing-pfas-in-the-water-environment/developing-thresholds-for-managing-pfas-in-the-water-environment-summary

## 4.0 PFAS Assessment

The results of 67 no. water samples (groundwater and surface water) taken from the previous PFAS monitoring dataset (2021–2025) have been screened against the available assessment criteria listed in Section 3.2. Based on known pollutant pathways at the Mobuoy site, the primary environmental receptor is considered to be the River Faughan therefore the EQS limit is considered the most applicable standard in this setting. Drinking water guidelines have also been considered, given the presence of the drinking water abstraction downstream of the site. It should be noted that drinking water guidelines apply to treated water and are therefore likely to be overly conservative when applied to raw groundwater and surface water samples, particularly in the absence of any specific standards for untreated water.

Table 4-1 provides a summary of the PFAS recorded at elevated concentrations and in exceedance of the available criteria. It should be noted that in some instances, laboratory limits of detection (LOD) were higher than the assessment criteria itself, particularly in the older dataset. As a result, where this occurred these results have not been flagged as exceedances, as the available analytical sensitivity was insufficient to confirm compliance against the relevant criterion.

Table 4-1: Summary of PFAS Exceedances

| Contaminant | Minimum concentration (µg/l) | Maximum concentration (µg/l) | Average (µg/l) | Assessment Criteria | Number of Exceedances |
|---|---|---|---|---|---|
| **PFOS** | <0.00065 | <1 | 0.0926 | EA HQ - 0.000015 µg/l | 20 out of 67 |
| | | | | EQS - 0.00065µg/l | 20 out of 67 |
| **PFOA** | <0.00065 | 0.26 | 0.0531 | EA HQ - 0.0004 µg/l | 42 out of 67 |
| **PFNA** | <0.001 | 0.05 | 0.0286 | EA HQ - 0.0003 µg/l | 7 out of 67 |
| **PFHxS** | <0.001 | 0.08 | 0.0306 | EA HQ - 0.0002 µg/l | 21 out of 67 |
| **Sum of DWI 48 PFAS Suite** | 0.00 | 1.28 | 0.3550 | UK DW - 0.1 µg/l | 8 out of 13 (March 2026 round only) |

The full PFAS screening assessment sheet is available at Appendix B. The UK drinking water guideline of 0.1µg/l is applicable to the sum of 48 PFAS substances but the guideline can

also be compared against individual PFAS substances. Several individual PFAS in groundwater exceed the screening criteria at certain boreholes. None of the surface water samples recorded individual PFAS substances above the drinking guideline of 0.1µg/l.

From a review of Table 4-1 and Appendix B, sampling locations BH06, BH411 and BH637 have been identified as locations that have consistently displayed exceedances above the assessment criteria. These locations have been further considered to identify possible trends in PFAS concentrations across the site. Figures 4-1, 4-2, 4-3 and 4-4 display Total PFOS, PFOA, PFNA and PFHxS concentrations at BH06, BH411, BH637 on four sampling dates in June 2024, February, August, October 2025 and March 2026. These dates were chosen for comparative analysis, with June 2024 marking the initial sampling date at BH411 and BH637, and March 2026 being the most recent sampling date. This allowed for clear comparison of data. It is noted that in June 2024, the laboratory LOD had lowered relative to previous rounds. It is understood that this is due to changes in laboratory analytical methodology, which has resulted in the reduction of the detection limit.

## 4.1 PFOS

### 4.1.1 Groundwater Assessment

PFOS data was assessed against the EQS of 0.00065 µg/l and the EA HQ of 0.000015µg/l. Figure 4-1 presents PFOS concentrations trends over time from select boreholes.

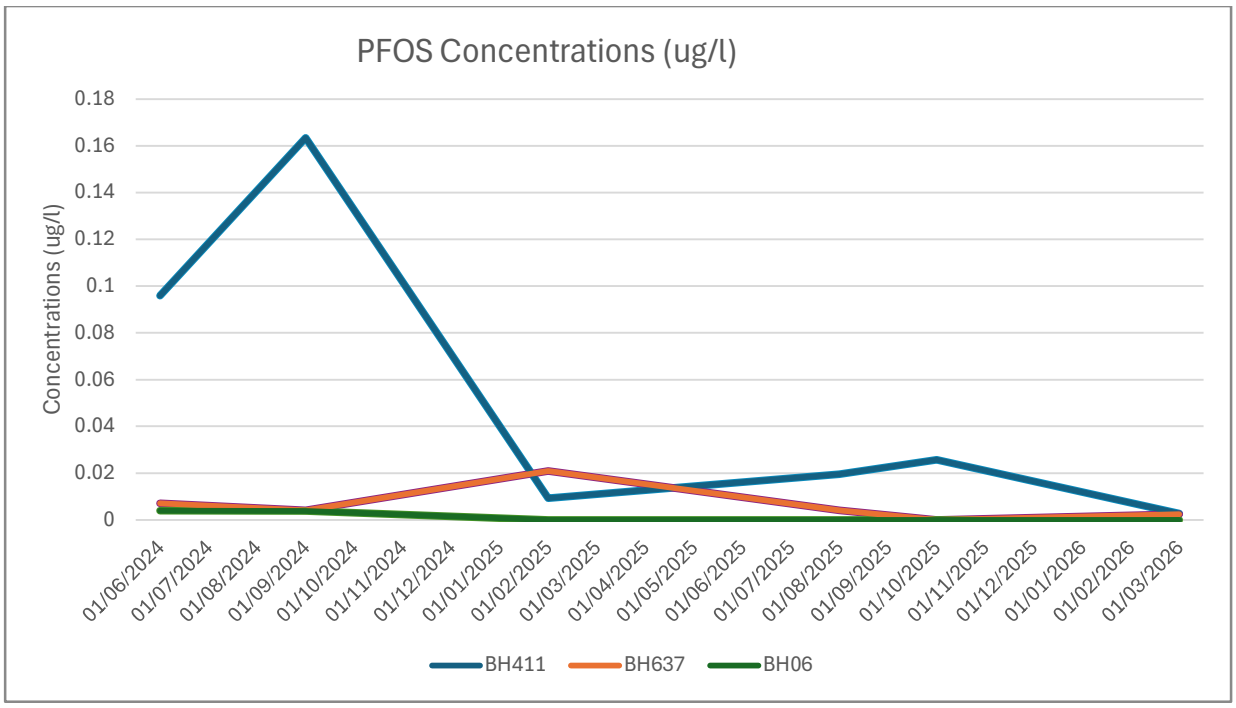


*Figure 4-1: Line graph showing PFOS concentrations over time.*

The maximum detectable PFOS concentrations was 0.1634µg/l (September 2024) in BH411 compared with a maximum reported concentration of 0.0004µg/l in BH06 and 0.0209µg/l in BH637. All of the aforementioned results are above the assessment criteria. Total PFOS concentrations in BH411 are shown to decrease until February 2025, before slightly increasing to 0.0258ug/l in October 2025. However, overall concentrations have declined between the initial monitoring round until the most recent.

Lower concentrations of PFOS are observed in February (BH06) and October 2025 (BH637). This is likely attributed to the adoption of analytical methodology (TM135/PM121) associated with a higher LOD. BH411 was consistently analysed with an analytical methodology (TM135/PM122) that has a lower LOD (higher sensitivity).

### 4.1.2 Surface Water Assessment

It is noted that surface water samples also exceeded the EQS for PFOS in SW6 and Cloghole in February 2025 and SW8 in August 2025, however reduced to below LOD in March 2026. SW6 is located upstream from the site, whereas SW8 and Cloghole (Carmoney WTW) is located downstream. The highest detected PFOS concentration in surface water was 0.0461ug/l recorded at SW6 (September 2025), which indicates a potential off-site PFOS source given that this location lies upstream of the site.

## 4.2 PFOA

### 4.2.1 Groundwater Assessment

PFOA results were assessed against the EA HQ of 0.0004ug/l. Figure 4-2 presents PFOA concentrations trends over time from select boreholes.

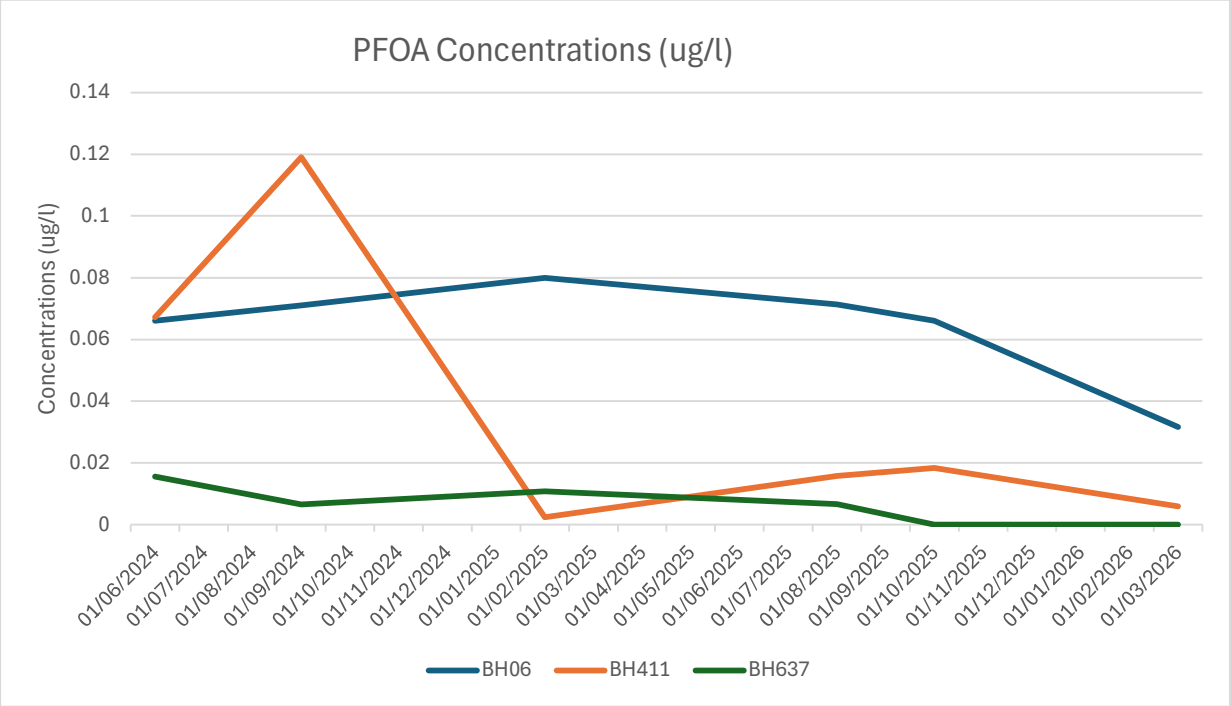



*Figure 4-2: Line graph showing PFOA concentrations over time.*

Figure 4-2 generally shows a slight decrease in PFOA concentrations at BH06, BH411 and BH637 which are assessed against the EA HQ criteria of 0.0004ug/l. The maximum detectable PFOA concentration was 0.26ug/l in BHW1 (August 2021) which is shown to decrease to 0.11ug/l (February 2024 and March 2026), however all are above the EA HQ criteria.

BH06 and BH411 record high concentrations of 0.08ug/l and 0.1191ug/l respectively, decreasing to 0.066ug/l and 0.0184ug/l, respectively. BH637 also indicates decreasing concentrations with a peak of 0.0156 ug/l before declining to below LOD (<0.050ug/l). However, lower concentrations of PFOA observed in BH637 in October 2025 likely attributed to the change in analytical methodology with a higher LOD.

### 4.2.2 Surface Water Assessment

It is noted that surface water samples also exceeded the EA HQ for PFOA in SW8 in September 2024, SW6 and Cloghole in February 2025 and SW6 in October 2025, however reduced to below LOD in March 2026. Elevated PFOA in SW6 indicates a potential off-site PFOA source given that this location lies upstream of the site. However, this does not discount that the Mobuoy site itself presents as PFOA source as the downstream location

SW8 records higher PFOA in September 2024 and September 2025 than SW6, which may derive from the landfill wastes on the Mobuoy site.

## 4.3 PFNA

### 4.3.1 Groundwater Assessment

PFNA results were assessed against the EA HQ of 0.0003ug/l. Figure 4-3 presents PFNA concentrations trends over time from select boreholes.

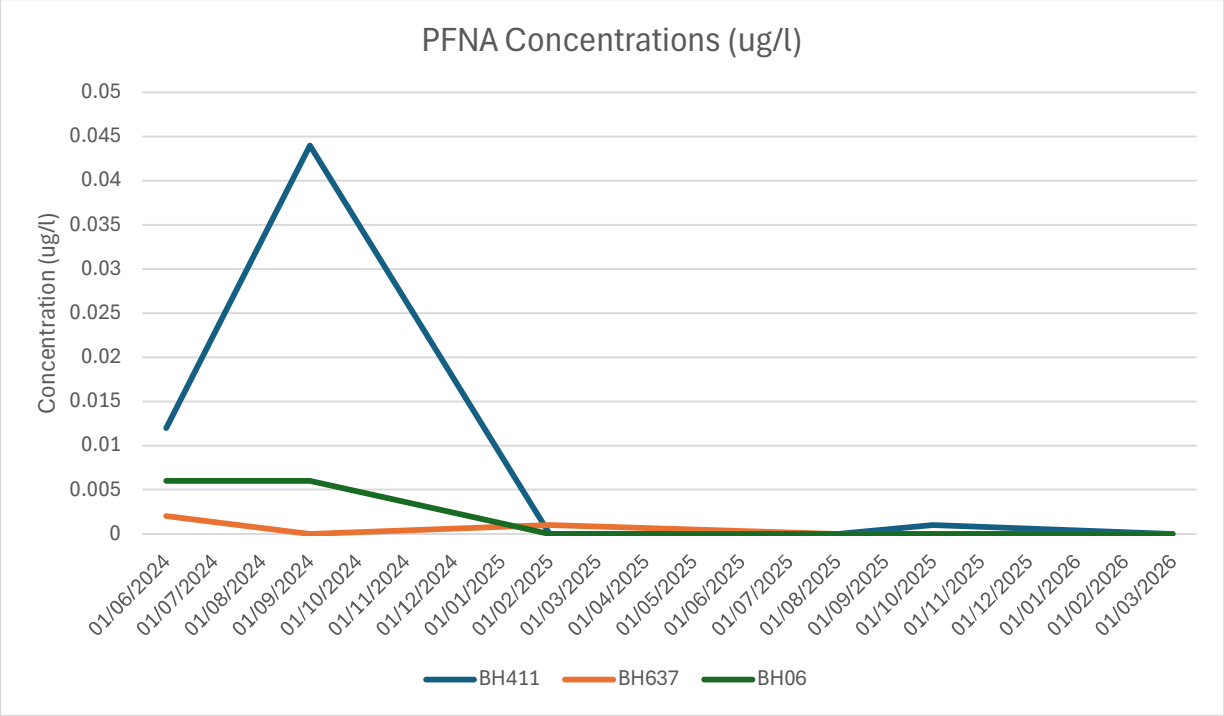



*Figure 4-3: Line graph showing PFNA concentrations over time.*

Figure 4-3 indicates that BH411 exhibits the highest PFNA concentrations, with a maximum concentration of 0.044ug/l (September 2024). By comparison, PFNA in BH06 and BH637 is typically low when detected, however some exceedances of the EA HQ are observed. PFNA concentrations at BH411 declined to non-detect in the February 2025, August 2025 and the most recent sampling round in March 2026. Overall PFNA concentrations have the least number of exceedances (refer to table 4-1) and have generally fallen since initial monitoring.

### 4.3.2 Surface Water Assessment

It is noted that surface water samples did not exceed the EA HQ for PFNA across any of the monitoring data. PFNA results were all below the LOD for upstream and downstream samples, indicating that PFNA is not migrating from groundwater on site into the River Faughan.

## 4.4 PFHxS

### 4.4.1 Groundwater Assessment

PFHxS data was assessed against the EA HQ of 0.0002ug/l. Figure 4-4 presents PFHxS concentrations trends over time from select boreholes.

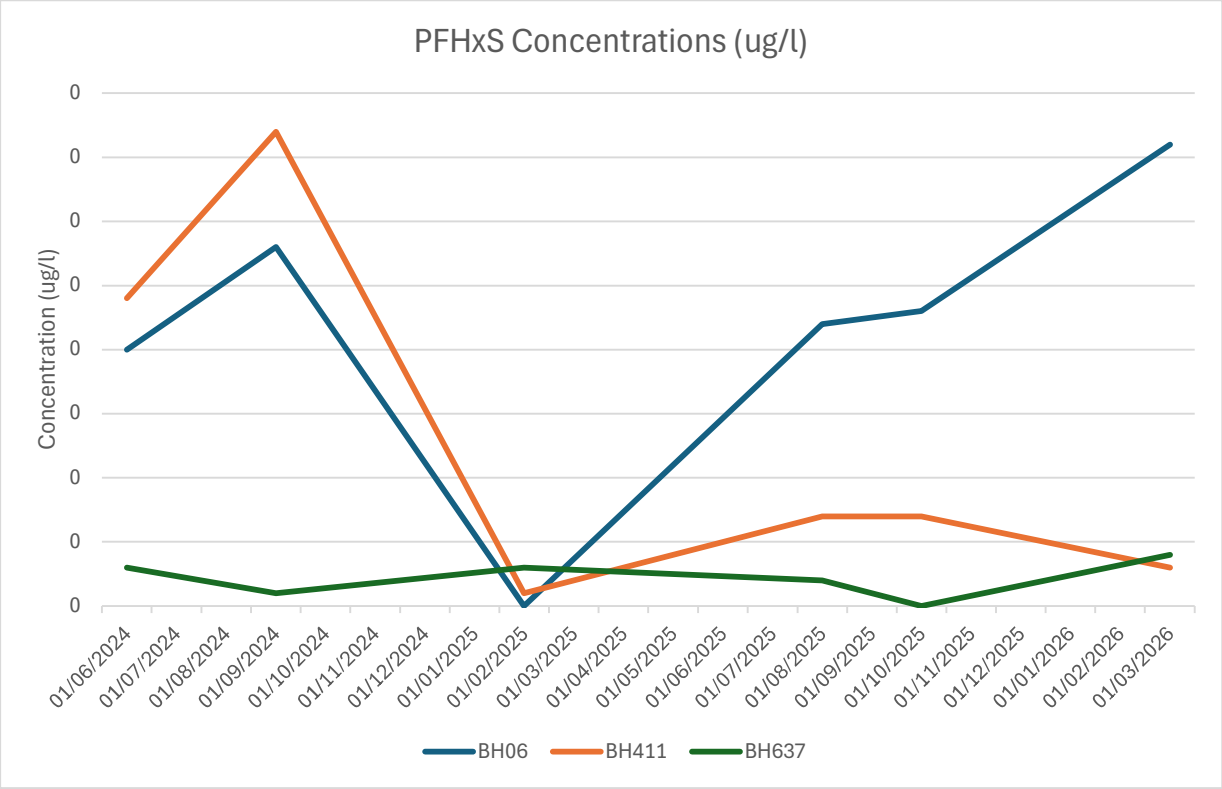



*Figure 4-4: PFHxS concentrations over time*

Figure 4-4 shows PFHxS concentrations in BH06, BH411 and BH637 exceeding the EA HQ criteria of 0.0002ug/l in June, September 2024, and August 2025. BH06 and BH411 have the highest values, while BH637 concentrations are lower.

BH06 (February 2025), and BH637 (October 2025), were analysed using a higher laboratory LOD (<0.05ug/l), and will not have detected low-level PFHxS that previous, more sensitive analyses (<0.001ug/l) would. BH06, February 2025 (using the higher LOD), was the only

monitoring round to have concentrations below the EA HQ criteria and LOD, whereas rounds post February 2025, observed concentrations of 0.022ug/l and 0.023ug/l, respectively.

At BH411, there has been an evident decrease in PFHxS concentrations from 0.024ug/l to 0.003g/l.

### 4.4.2 Surface Water Assessment

It is noted that surface water samples also exceeded the EA HQ for PFHxS in SW6 in February 2025, however reduced to below LOD in March 2026. There are very few surface water exceedances for PFHxS, except at SW6, which indicates a potential off-site PFHxS, source given that this location lies upstream of the site.

## 4.5 Sum of DWI 48 PFAS Suite

A review of PFAS concentrations shows raw water samples from groundwater and surface water locations exceeding the overly conservative drinking water guideline of 0.1µg/l in March 2026. The maximum sum of 48 PFAS was recorded as 1.28µg/l within groundwater from BH403 which is in exceedance of the overly conservative drinking water guideline. The surface water samples from SW6, SW8 and Carmoney WTW were recorded below 0.1µg/l, therefore there is not an unacceptable risk posed to the drinking water abstraction.

## 4.6 Top Assay

In February 2022 samples were also analysed using the total oxidisable precursor (TOP) Assay Method. Using TOP Assay, the following PFAS precursors were identified:

- BHW1 had 23% more PFAS detected in the form of PFAA precursors.
- BH213 had 86% more PFAS detected in the form of PFAA precursors.
- BH214 had 72% more PFAS detected in the form of PFAA precursors.
- BH215 had 51% more PFAS detected in the form of PFAA precursors.

Graph 4-5 presents the TOP assay results for BHW1 which shows detection of PFAAs pre-TOP assay digest, which represent those PFAAs present in solution, with perfluorooctanoic acid (PFOA) being recorded at 200 ng/L, representing the highest concentration of a PFAA.

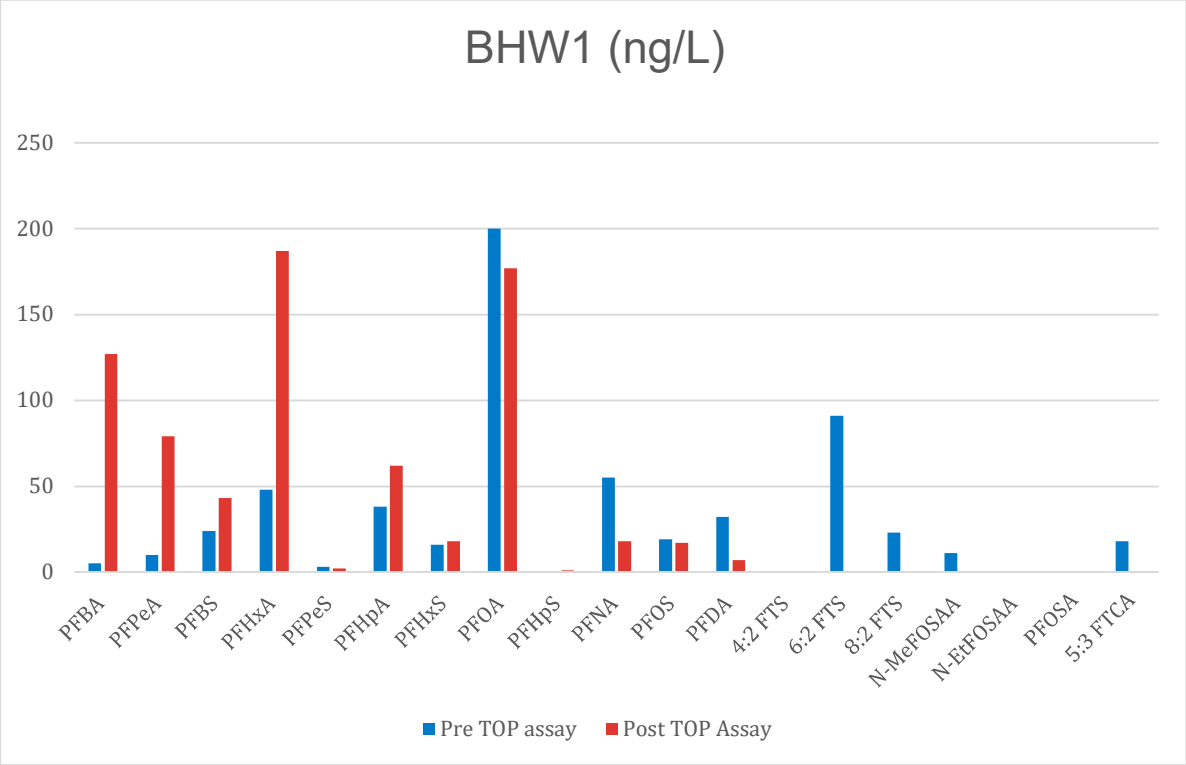



*Figure 4-5: top Assay in BHW1*

## 4.7 PFAS Environmental Summary

The PFOS, PFOA, PFNA and PFHxS concentrations in BH06, BH411, BH637 show concentrations are variable from the initial June 2024 round through to the most recent March 2026 dataset.

PFOS exhibits the most notable exceedances, with the highest concentrations recorded in BH411. However, concentrations at this location are generally variable since September 2024. BH06 and BH637 also show PFOS detections above the relevant assessment criteria, but at lower concentrations than BH411.

PFOA concentrations at BH06, BH411 and BH637 similarly show variability between rounds, with exceedances of the EA HQ criterion recorded in BH06 and BH411. Overall, the results indicate persistent but broadly stable concentrations across the monitored boreholes.

PFNA concentrations are generally lower than PFOS and PFOA, but exceedances of the EA HQ criterion were recorded in September 2024, particularly at BH411. Concentrations at BH411 were then measured non-detect in the February 2025, August 2025 and March 2026 monitoring rounds. BH06 and BH637 typically show low-level detections where present, with overall stable concentrations.

PFHxS also shows variability across the monitoring rounds, with the highest concentrations recorded at BH06 and BH411 and lower concentrations at BH637. Some apparent reductions, particularly for BH06 in February 2025 and BH637 in October 2025, are likely influenced by the higher laboratory LOD applied to those samples.

Overall, the PFAS groundwater data indicate that BH06, BH411 and BH637 remain the principal locations of concern, with persistent exceedances of the applicable screening criteria, particularly for PFOS and PFOA. However, given the presence of higher LODs in some rounds means that some apparent improvements may partly reflect analytical sensitivity rather than a complete absence of low-level PFAS contamination.

## 4.8 PFAS Drinking Water Summary

Drinking water is not considered the primary receptor for the site, but there is a public drinking water abstraction at Cloghole (Carmoney WTW) approximately 2.1 km downstream. Surface water samples collected from Cloghole were all below the drinking water criteria (sum of PFAS), whereas a number of on-site samples exceeded that value including BHW1, BH06, BH213, BH215, BH403, BH411, BH206, BH207. No exceedances were recorded at downstream monitoring points or at Cloghole during the monitoring period; therefore, based on the available data, there is no evidence that the drinking water abstraction at Cloghole is currently impacted by PFAS.

## 5.0 Conclusion and Recommendations

Following an assessment of previous PFAS monitoring data within groundwater and surface water associated with the Mobuoy site, the following conclusions have been identified:

- PFAS substances are present within groundwater on site and surface water from the River Faughan above the level of available EQS criteria which presents a potential contamination risk to the River Faughan.
- PFAS substances are present within groundwater on site above the level of available DWS criteria, however this criteria is relevant to treated drinking water only, whereas the samples have been taken from raw untreated groundwater in the absence of any criteria specific to raw untreated water therefore is considered overly conservative. On that basis, the available data do not indicate a current unacceptable risk to the drinking water abstraction at Cloghole (Carmoney WTW).
- PFAS substances measured within surface water were all below the DWS criteria which are considered overly conservative due to samples taken from raw untreated water, therefore there is not considered to be a current impact to the drinking water abstraction at Cloghole (Carmoney WTW).
- The assessment of PFAS was not included in the Updated Detailed Quantitative Risk Assessment (DQRA), dated October 2022, because, at that time, the PFAS dataset was extremely limited and only one PFAS monitoring round had been completed. In addition, the PFAS regulatory and assessment framework was still developing, and there was limited criteria available to support meaningful quantitative risk assessment at that stage. The current review therefore provides the first more comprehensive evaluation of PFAS in the context of the site remediation strategy.

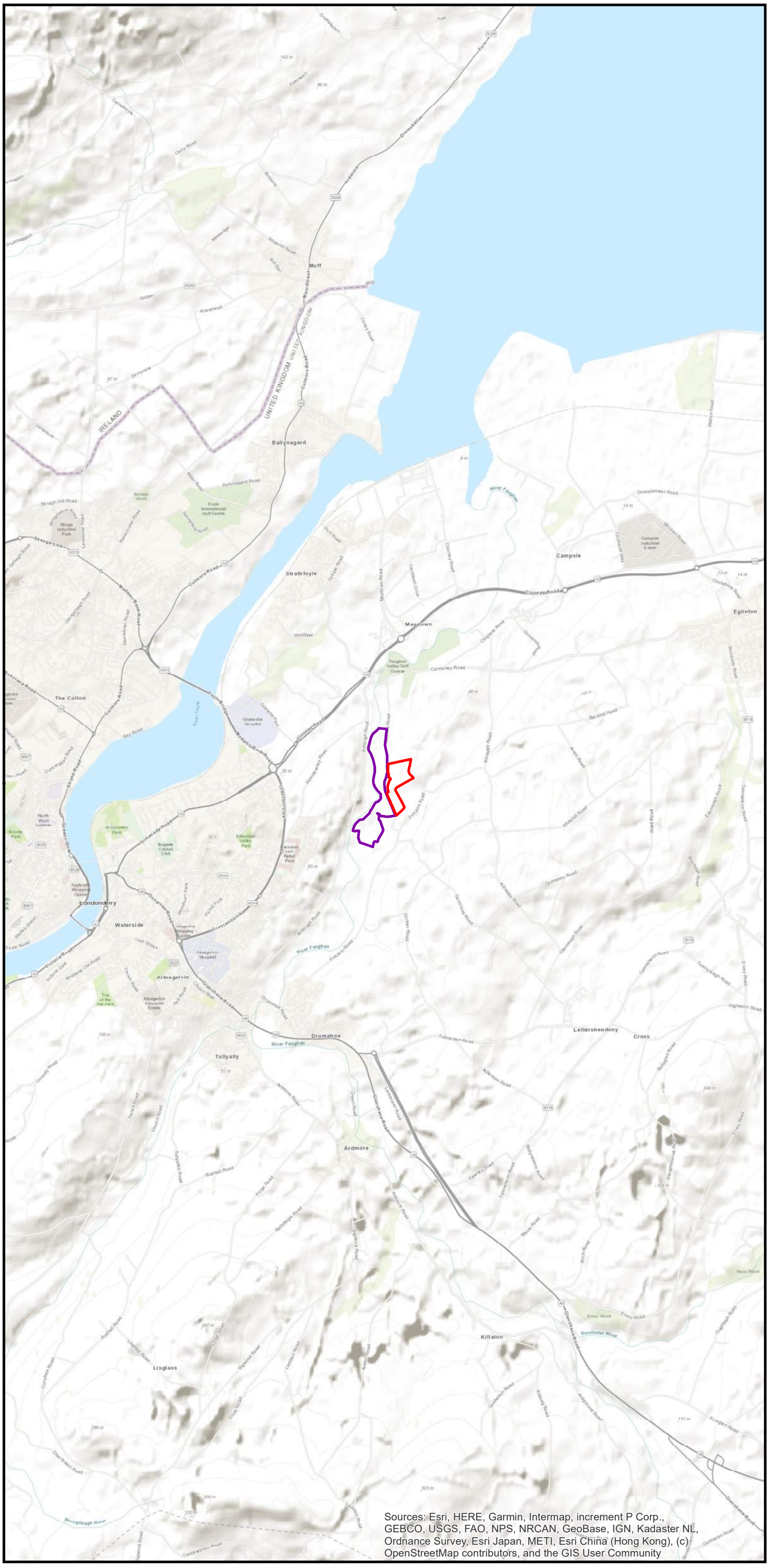
With regard to remediation planning, the available data indicate that any future remediation design should give specific consideration to PFAS, particularly where there is potential for mobilisation via leachate, groundwater or surface water pathways. In practical terms, this may include review of whether proposed measures such as leachate treatment, interception systems, reactive barriers, or other containment/treatment technologies could be engineered to address PFAS, either directly or in combination with other contaminants. However, the suitability of any such technology would need to be confirmed through detailed design, treatability testing and consideration of PFAS-specific behaviour, including the potential for short-chain compounds and precursors to bypass conventional treatment processes.

Recommendations for future PFAS work include:

- Continued groundwater and surface analysis for low level PFAS at the key locations identified in this report, with particular focus on BH06, BH411, BH637, SW6 and SW8, and any other locations considered relevant during detailed design.
- Maintain use of low-level PFAS analytical methods wherever possible to ensure that trends can be assessed consistently and that results are comparable between rounds.
- Remain vigilant to future changes to regulatory framework and review results on an ongoing basis against the latest regulatory guidance, EQS values and drinking water criteria, noting that the PFAS framework continues to evolve.
- Consider PFAS explicitly within future remediation design development, including assessment of whether proposed treatment or containment measures could be adapted to manage PFAS in leachate and/or groundwater.

# Figures

# Figure 1. Site Location Plan




Note:

Drawn by: [redacted]

Checked by: [redacted]

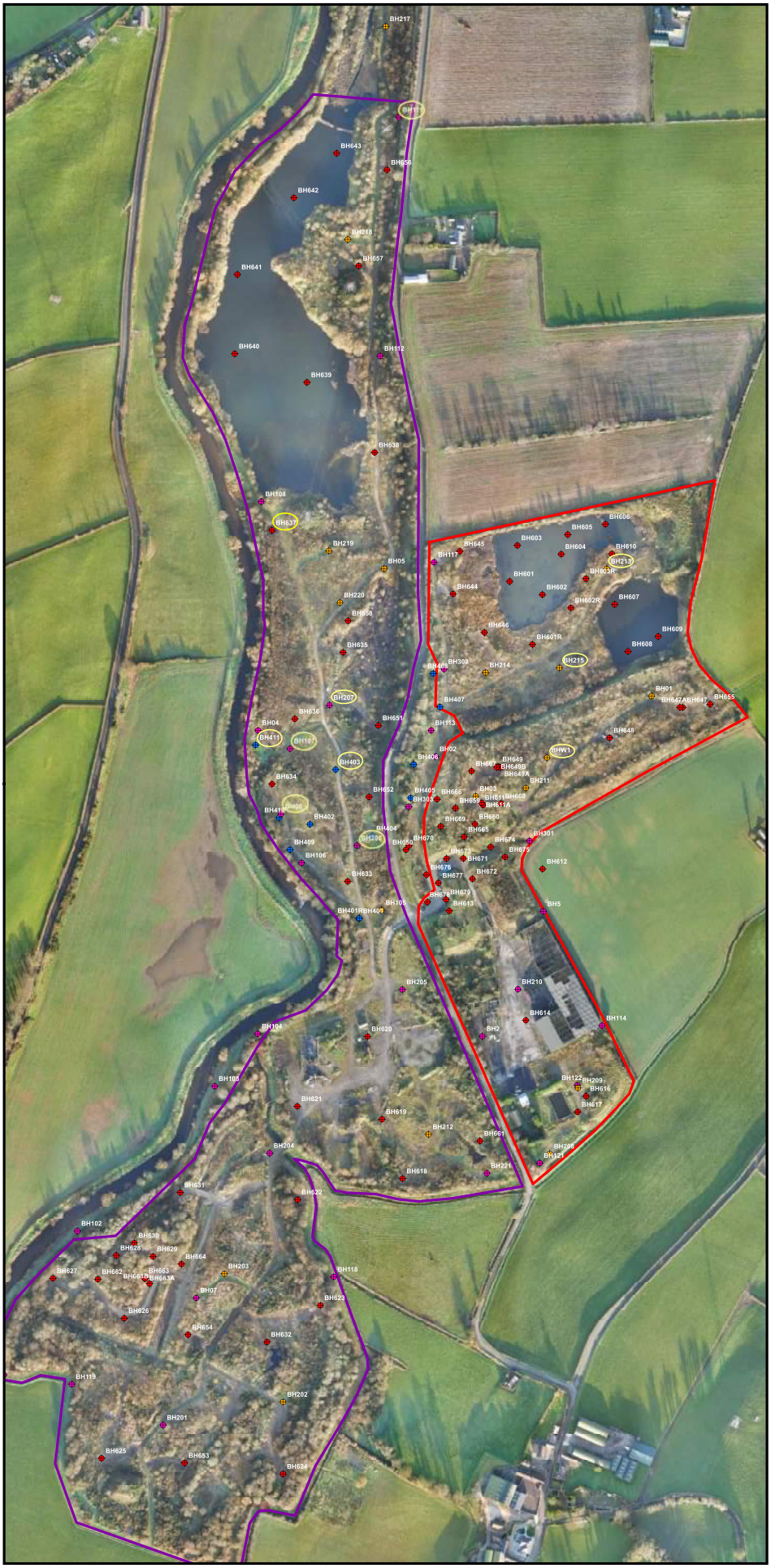
Office: Belfast Revision: No.1

Client: NIEA Project: B030252 - Mobuoy Road Remediation

0 850 1,700 3,400 Meters

Date: 30/06/2022

Locksley Business Park
Montgomery Road
Belfast
BT6 9UP
Tel: 028 9070 6000
Email: ireland@tetratech.com



# Site Investigation Plan

PFAS Groundwater Monitoring Feb/ March 2026

N

## Legend

- Waste Wells
- Groundwater Wells
- BHs (400 Series)
- BHs (2021 - 2022)
- City Industrial Waste
- Campsie Sand Gravel
- PFAS Round Feb/ March 2026

Notes:

[redacted]

Revision: No.1

Project: B065016 - Mobuoy MNA

130 260 Meters

[redacted]1/2025

Locksley Business Park
Montgomery Road
Belfast
BT6 9UP
Tel: 028 9070 6000
Email: ireland@tetratech.com

**Surface Water Monitoring Locations**

# Appendix A – Report Conditions

This report is produced solely for the benefit of NIEA, and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report is prepared for the proposed uses stated in the report and should not be used in a different context without reference to Tetra Tech. In time improved practices, fresh information or amended legislation may necessitate a re-assessment. Opinions and information provided in this report are on the basis of Tetra Tech using due skill and care in the preparation of the report.

This report refers, within the limitations stated, to the environment of the site in the context of the surrounding area at the time of the inspections. Environmental conditions can vary, and no warranty is given as to the possibility of changes in the environment of the site and surrounding area at differing times.

This report is limited to those aspects reported on, within the scope and limits agreed with the client under our appointment. It is necessarily restricted, and no liability is accepted for any other aspect. It is based on the information sources indicated in the report. Some of the opinions are based on unconfirmed data and information and are presented as the best obtained within the scope for this report.

Reliance has been placed on the documents and information supplied to Tetra Tech by others but no independent verification of these has been made and no warranty is given on them. No liability is accepted, or warranty given in relation to the performance, reliability, standing etc of any products, services, organisations or companies referred to in this report.

Whilst skill and care have been used, no investigative method can eliminate the possibility of obtaining partially imprecise, incomplete or not fully representative information. Any monitoring or survey work undertaken as part of the commission will have been subject to limitations, including for example timescale, seasonal and weather-related conditions.

Although care is taken to select monitoring and survey periods that are typical of the environmental conditions being measured, within the overall reporting programme constraints, measured conditions may not be fully representative of the actual conditions. Any predictive or modelling work, undertaken as part of the commission will be subject to limitations including the representativeness of data used by the model and the assumptions inherent within the approach used. Actual environmental conditions are typically more complex and variable than the investigative, predictive and modelling approaches indicate in practice, and the output of such approaches cannot be relied upon as a comprehensive or accurate indicator of future conditions.

The potential influence of our assessment and report on other aspects of any development or future planning requires evaluation by other involved parties.

The performance of environmental protection measures and of buildings and other structures in relation to acoustics, vibration, noise mitigation and other environmental issues is influenced to a large extent by the degree to which the relevant environmental considerations are incorporated into the final design and specifications and the quality of workmanship and compliance with the specifications on site during construction. Tetra Tech accepts no liability for issues with performance arising from such factors.

# Appendix B – Screening Assessment

| ID | EU Drinking Water Guideline | UK Drinking Water Guideline | EQS Inland Surface Waters | Proposed EQS Inland Surface Waters | EA HQ | BHW1 | BH213 | BH214 | BH215 | SW6 U/S | SW8 D/S | CULMORE WWTW | DRUMAHOE DISCHARGE (TRIBUTARY) | BH06 | BH206 | BH403 | BH107 | BH411 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | | | | | | 20/08/2021 | 20/08/2021 | 20/08/2021 | 20/08/2021 | 19/08/2021 | 19/08/2021 | 19/09/2021 | 19/09/2021 | 29/02/2024 | 29/02/2024 | 29/02/2024 | 29/02/2024 | 29/02/2024 |
| Lab Report | ug/l | ug/l | ug/l | ug/l | ug/l | 21/12958 | 21/12958 | 21/12958 | 21/12958 | 21/12823 | 21/12823 | 21/14933 | 21/14933 | 24/3749 | 24/3749 | 24/3749 | 24/3749 | 24/3749 |
| PFBA | - | - | - | - | - | <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 |
| PFPeA | - | - | - | - | - | <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 |
| PFHxA | - | - | - | - | - | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.09 | 0.06 | 0.14 | 0.16 | <0.05 |
| PFHpA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.1 | <0.05 | <0.05 |
| PFOA | - | - | - | - | 0.0004 | 0.26 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.06 | 0.16 | <0.05 | <0.05 |
| PFNA | - | - | - | - | 0.0003 | <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 |
| PFDA | - | - | - | - | - | <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 |
| PFUnA | - | - | - | - | - | <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 |
| PFDoA | - | - | - | - | - | <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 |
| PFTrDA | - | - | - | - | - | <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 |
| PFTeDA | - | - | - | - | - | <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 |
| PFHxDA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| PFODA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| PFBS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.09 | 0.06 | 0.05 | <0.05 | <0.05 |
| PFPeS | - | - | - | - | - | <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 |
| PFHxS | - | - | - | - | 0.0002 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | - | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| PFHpS | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFOS | - | - | 0.00065 AA 36 MAC | - | 0.000015 | <1 | <1 | <1 | <1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFNS | - | - | - | - | - | <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 |
| PFDS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | <0.05 |
| PFUnDS | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFDoDS | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFTrDS | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| HFPO-DA (Gen X) | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| HFPO-TA | - | - | - | - | - | - | - | - | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 |
| DONA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFMOPrA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| NFDHA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| PFMOBA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFECHS | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 3:3 FTCA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| 5:3 FTCA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | <0.5 | 0.6 | <0.5 | <0.5 |
| 7:3 FTCA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| PFEESA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 9Cl-PF3ONS | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 11Cl-PF3OUdS | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 4:2 FTS | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| 6:2 FTS | - | - | - | - | - | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| 8:2 FTS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.10 | <0.10 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| FBSA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| FHxSA | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| FOSA | - | - | - | - | - | - | - | - | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 |
| N-MeFOSA | - | - | - | - | - | - | - | - | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 |
| N-EtFOSA | - | - | - | - | - | - | - | - | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 |
| Me-FOSE | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Et-FOSE | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| N-MeFOS | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| N-EtFOS | - | - | - | - | - | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <1 | <1 | <1 | <1 | <1 |
| 8:2diPAP | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| FOUEA | - | - | - | - | - | - | - | - | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 |
| 6:2 FT (Capstone B) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EEA-NH4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFOSA | - | - | - | - | - | - | - | - | - | <1 | <1 | <1 | <1 | - | - | - | - | - |
| 10:2 FTS | | | | | | | | | | | | | | | | | | |
| Sum of PFAS | - | - | - | - | - | 3.69 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.7 | 3.7 | 10.64 | 10.59 | 10.91 | 10.66 | 10.55 |
| Sum of PFAS - 20 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of DWI 48 PFAS Suite | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of PFAS - 24 | - | - | - | 0.0044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFAS Total | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| ID | EU Drinking Water Guideline | UK Drinking Water Guideline | EQS Inland Surface Waters | Proposed EQS Inland Surface Waters | EA HQ | BH635D | BH207 | BH213 | BH215 | BHW1 | Cloghole | SW6 | SW8 | BH06 | BH411 | BH637 | SW6 | SW8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | | | | | | 29/02/2024 | 29/02/2024 | 29/02/2024 | 29/02/2024 | 29/02/2024 | 29/02/2024 | 29/02/2024 | 29/02/2024 | 10/06/2024 | 10/06/2024 | 10/06/2024 | 10/06/2024 | 10/06/2024 |
| Lab Report | ug/l | ug/l | ug/l | ug/l | ug/l | 24/3749 | 24/3749 | 24/3749 | 24/3749 | 24/3749 | 24/3749 | 24/3749 | 24/3749 | 24/9963 | 24/9963 | 24/9963 | 24/9963 | 24/9963 |
| PFBA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.08 | 0.036 | 0.022 | 0.006 | 0.01 |
| PFPeA | - | - | - | - | - | <0.05 | <0.05 | 0.11 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.005 | 0.043 | 0.007 | <0.001 | <0.001 |
| PFHxA | - | - | - | - | - | <0.05 | <0.05 | 0.28 | 0.09 | 0.07 | <0.05 | <0.05 | <0.05 | 0.13 | 0.091 | 0.016 | <0.005 | <0.005 |
| PFHpA | - | - | - | - | - | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.022 | 0.03 | 0.004 | <0.001 | <0.001 |
| PFOA | - | - | - | - | 0.0004 | <0.05 | 0.05 | 0.12 | 0.08 | 0.11 | <0.05 | <0.05 | <0.05 | 0.0661 | 0.0672 | 0.0156 | <0.00065 | <0.00065 |
| PFNA | - | - | - | - | 0.0003 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.006 | 0.012 | 0.002 | <0.001 | <0.001 |
| PFDA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.005 | 0.001 | 0.003 | <0.001 | <0.001 |
| PFUnA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFDoA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFTrDA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.006 | <0.006 | <0.006 | <0.006 | <0.006 |
| PFTeDA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFHxDA | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| PFODA | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 |
| PFBS | - | - | - | - | - | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.08 | 0.023 | 0.008 | 0.011 | 0.01 |
| PFPeS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.006 | 0.003 | <0.001 | <0.001 | <0.001 |
| PFHxS | - | - | - | - | 0.0002 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.02 | 0.024 | 0.003 | <0.001 | <0.001 |
| PFHpS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| PFOS | - | - | 0.00065 AA 36 MAC | - | 0.000015 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.004 | 0.0959 | 0.0071 | <0.00065 | <0.00065 |
| PFNS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFDS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFUnDS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFDoDS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFTrDS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| HFPO-DA (Gen X) | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| HFPO-TA | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| DONA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFMOPrA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | NDP | NDP |
| NFDHA | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| PFMOBA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| PFECHS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | 0.003 | 0.001 | <0.001 | <0.001 |
| 3:3 FTCA | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 5:3 FTCA | - | - | - | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 7:3 FTCA | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| PFEESA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 9Cl-PF3ONS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11Cl-PF3OUdS | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 4:2 FTS | - | - | - | - | - | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| 6:2 FTS | - | - | - | - | - | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | 0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| 8:2 FTS | - | - | - | - | - | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| FBSA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| FHxSA | - | - | - | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| FOSA | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| N-MeFOSA | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| N-EtFOSA | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| Me-FOSE | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| Et-FOSE | - | - | - | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| N-MeFOS | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| N-EtFOS | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| 8:2diPAP | - | - | - | - | - | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| FOUEA | - | - | - | - | - | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| 6:2 FT (Capstone B) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EEA-NH4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFOSA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10:2 FTS | | | | | | | | | | | | | | | | | | |
| Sum of PFAS | - | - | - | - | - | 10.55 | 10.55 | 10.95 | 10.62 | 10.63 | 10.55 | 10.55 | 10.55 | 0.7031 | 0.6881 | 0.3477 | 0.2913 | 0.2943 |
| Sum of PFAS - 20 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of DWI 48 PFAS Suite | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of PFAS - 24 | - | - | - | 0.0044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFAS Total | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| ID | EU Drinking Water Guideline | UK Drinking Water Guideline | EQS Inland Surface Waters | Proposed EQS Inland Surface Waters | EA HQ | BH06 | BH411 | BH637 | SW6 | SW8 | BH637 | BH207 | BH107 | BH411 | BH403 | BH206 | BH06 | BW1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | | | | | | 02/09/2024 | 02/09/2024 | 02/09/2024 | 02/09/2024 | 02/09/2024 | 10/02/2025 | 10/02/2025 | 10/02/2025 | 10/02/2025 | 10/02/2025 | 10/02/2025 | 10/02/2025 | 10/02/2025 |
| Lab Report | ug/l | ug/l | ug/l | ug/l | ug/l | 24/15059 | 24/15059 | 24/15059 | 24/15059 | 24/15059 | 25/2011 | 25/2011 | 25/2011 | 25/2011 | 25/2011 | 25/2011 | 25/2011 | 25/2011 |
| PFBA | - | - | - | - | - | 0.224 | 0.04 | 0.005 | <0.005 | <0.005 | 0.007 | <0.05 | 0.11 | 0.001 | <0.10 | <0.05 | 0.07 | <0.05 |
| PFPeA | - | - | - | - | - | <0.010 | 0.06 | 0.004 | <0.001 | <0.001 | 0.011 | <0.05 | <0.05 | 0.001 | <0.05 | <0.05 | <0.05 | 0.06 |
| PFHxA | - | - | - | - | - | 0.213 | 0.106 | 0.007 | <0.001 | <0.001 | 0.012 | <0.05 | 0.13 | 0.002 | 0.1 | <0.05 | 0.09 | 0.07 |
| PFHpA | - | - | - | - | - | 0.031 | 0.048 | 0.002 | <0.001 | <0.001 | 0.007 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFOA | - | - | - | - | 0.0004 | 0.0711 | 0.1191 | 0.0066 | <0.00065 | 0.0008 | 0.0109 | 0.05 | 0.05 | 0.0024 | 0.15 | 0.07 | 0.08 | 0.11 |
| PFNA | - | - | - | - | 0.0003 | 0.006 | 0.044 | <0.001 | <0.001 | <0.001 | 0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFDA | - | - | - | - | - | <0.001 | 0.004 | 0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFUnA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFDoA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFTrDA | - | - | - | - | - | <0.006 | <0.006 | <0.006 | <0.006 | <0.006 | <0.006 | <0.05 | <0.05 | <0.006 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFTeDA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFHxDA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.1 | <0.01 | <0.1 | <0.1 | <0.1 | <0.1 |
| PFODA | - | - | - | - | - | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.1 | <0.1 | <0.025 | <0.1 | <0.1 | <0.1 | <0.1 |
| PFBS | - | - | - | - | - | 0.093 | 0.035 | 0.004 | 0.001 | 0.001 | 0.003 | <0.05 | <0.05 | 0.002 | <0.05 | <0.05 | 0.1 | <0.05 |
| PFPeS | - | - | - | - | - | 0.007 | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFHxS | - | - | - | - | 0.0002 | 0.028 | 0.037 | 0.001 | <0.001 | <0.001 | 0.003 | <0.05 | <0.05 | 0.001 | 0.06 | 0.06 | <0.05 | <0.05 |
| PFHpS | - | - | - | - | - | <0.001 | 0.004 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFOS | - | - | 0.00065 AA 36 MAC | - | 0.000015 | 0.0038 | 0.1634 | 0.004 | <0.00065 | <0.00065 | 0.0209 | <0.05 | <0.05 | 0.0093 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFNS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFDS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFUnDS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFDoDS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFTrDS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| HFPO-DA (Gen X) | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <1 | <1 | <0.001 | <1 | <1 | <1 | <1 |
| HFPO-TA | - | - | - | - | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 |
| DONA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFMOPrA | - | - | - | - | - | <0.001 | <0.005 | 0.006 | 0.005 | <0.005 | <0.001 | <0.1 | <0.1 | <0.001 | <0.1 | <0.1 | <0.1 | <0.1 |
| NFDHA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFMOBA | - | - | - | - | - | <0.001 | 0.006 | 0.005 | 0.008 | 0.007 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFECHS | - | - | - | - | - | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.1 | <0.1 | <0.001 | <0.1 | <0.1 | <0.1 | <0.1 |
| 3:3 FTCA | - | - | - | - | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.5 | <0.5 | <0.02 | 0.6 | <0.5 | <0.5 | <0.5 |
| 5:3 FTCA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.1 | <0.01 | <0.1 | <0.1 | <0.1 | <0.1 |
| 7:3 FTCA | - | - | - | - | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 |
| PFEESA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| 9Cl-PF3ONS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.05 | <0.05 | <0.05 |
| 11Cl-PF3OUdS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.2 | <0.2 | <0.001 | <0.2 | <0.2 | <0.2 | <0.2 |
| 4:2 FTS | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.2 | <0.2 | <0.005 | <0.2 | <0.2 | <0.2 | <0.2 |
| 6:2 FTS | - | - | - | - | - | 0.221 | 0.059 | 0.008 | 0.013 | <0.005 | 0.006 | <0.2 | <0.2 | <0.005 | <0.2 | <0.2 | <0.2 | <0.2 |
| 8:2 FTS | - | - | - | - | - | <0.005 | 0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | <0.05 |
| FBSA | - | - | - | - | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 |
| FHxSA | - | - | - | - | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <1 | <1 | <0.02 | <1 | <1 | <1 | <1 |
| FOSA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <1 | <1 | <1 |
| N-MeFOSA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <1 | <1 | <1 |
| N-EtFOSA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.1 | <0.1 | <0.005 | <0.1 | <0.1 | <0.1 | <0.1 |
| Me-FOSE | - | - | - | - | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.1 | <0.1 | <0.02 | <0.1 | <0.1 | <0.1 | <0.1 |
| Et-FOSE | - | - | - | - | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.1 | <0.1 | <0.02 | <0.1 | <0.1 | <0.1 | <0.1 |
| N-MeFOS | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <1 | <1 | <1 |
| N-EtFOS | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <1 | <1 | <1 |
| 8:2diPAP | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.2 | <0.2 | <0.005 | <0.2 | <0.2 | <0.2 | <0.2 |
| FOUEA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <1 | <1 | <1 |
| 6:2 FT (Capstone B) | - | - | - | - | - | - | - | - | - | - | <0.08 | <4 | <4 | <0.08 | <4 | <4 | <4 | <4 |
| EEA-NH4 | - | - | - | - | - | - | - | - | - | - | <0.008 | <0.5 | <0.5 | <0.008 | <0.5 | <0.5 | <0.5 | <0.5 |
| PFOSA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10:2 FTS | | | | | | | | | | | | | | | | | | |
| Sum of PFAS | - | - | - | - | - | 1.1629 | 0.9885 | 0.3076 | 0.2923 | 0.28345 | 0.4178 | 15.1 | 15.13 | 0.3687 | 15.31 | 15.13 | 15.17 | 15.19 |
| Sum of PFAS - 20 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of DWI 48 PFAS Suite | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of PFAS - 24 | - | - | - | 0.0044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFAS Total | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |



Compiled by: [redacted]
Date: March 2026

| ID | EU Drinking Water Guideline | UK Drinking Water Guideline | EQS Inland Surface Waters | Proposed EQS Inland Surface Waters | EA HQ | BH213 | BH215 | SW8 | SW6 | Cloghole | BH637 | BH411 | BH06 | SW8 | SW6 | BH06 | BH637 | BH411 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | | | | | | 10/02/2025 | 10/02/2025 | 10/02/2025 | 10/02/2025 | 10/02/2025 | 14/08/2025 | 14/08/2025 | 14/08/2025 | 14/08/2025 | 14/08/2025 | 06/10/2025 | 06/10/2025 | 06/10/2025 |
| Lab Report | ug/l | ug/l | ug/l | ug/l | ug/l | 25/2011 | 25/2011 | 25/2011 | 25/2011 | 25/2011 | 25/13427 | 25/13427 | 25/13427 | 25/13427 | 25/13427 | 25/16622 | 25/16622 | 25/16622 |
| PFBA | - | - | - | - | - | <0.10 | <0.05 | - | <0.005 | <0.005 | <0.010 | 0.014 | 0.121 | <0.010 | <0.010 | 0.023 | <0.05 | 0.012 |
| PFPeA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | 0.004 | 0.015 | <0.025 | <0.001 | <0.001 | 0.022 | <0.05 | 0.015 |
| PFHxA | - | - | - | - | - | 0.12 | 0.07 | - | 0.001 | <0.001 | 0.006 | 0.022 | 0.119 | <0.001 | <0.001 | 0.086 | <0.05 | 0.019 |
| PFHpA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | 0.002 | 0.008 | 0.033 | <0.001 | <0.001 | 0.03 | <0.05 | 0.007 |
| PFOA | - | - | - | - | 0.0004 | 0.13 | 0.14 | - | 0.0014 | 0.001 | 0.0067 | 0.0158 | 0.0714 | 0.0013 | <0.00065 | 0.066 | <0.05 | 0.0184 |
| PFNA | - | - | - | - | 0.0003 | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.010 | <0.001 | <0.001 | <0.010 | <0.05 | 0.001 |
| PFDA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFUnA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFDoA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFTrDA | - | - | - | - | - | <0.05 | <0.05 | - | <0.006 | <0.006 | <0.006 | <0.006 | <0.006 | <0.006 | <0.006 | <0.006 | <0.05 | <0.006 |
| PFTeDA | - | - | - | - | - | <0.05 | <0.05 | NDP | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFHxDA | - | - | - | - | - | <0.1 | <0.1 | NDP | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.01 |
| PFODA | - | - | - | - | - | <0.1 | <0.1 | NDP | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.01 | <0.1 | <0.01 |
| PFBS | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | 0.003 | 0.01 | 0.11 | <0.001 | <0.001 | 0.108 | <0.05 | 0.011 |
| PFPeS | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | 0.002 | 0.011 | <0.001 | <0.001 | <0.010 | <0.05 | 0.001 |
| PFHxS | - | - | - | - | 0.0002 | <0.05 | <0.05 | - | 0.004 | <0.001 | 0.002 | 0.007 | 0.022 | <0.001 | <0.001 | 0.023 | <0.05 | 0.007 |
| PFHpS | - | - | - | - | - | <0.05 | <0.05 | - | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFOS | - | - | 0.00065 AA 36 MAC | - | 0.000015 | 0.09 | <0.05 | - | 0.0461 | 0.0013 | 0.0041 | 0.0196 | <0.00650 | 0.0009 | <0.00065 | <0.00650 | <0.05 | 0.0258 |
| PFNS | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFDS | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFUnDS | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFDoDS | - | - | - | - | - | <0.05 | <0.05 | NDP | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFTrDS | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| HFPO-DA (Gen X) | - | - | - | - | - | <1 | <1 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| HFPO-TA | - | - | - | - | - | <0.05 | <0.05 | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <1 | <0.01 |
| DONA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFMOPrA | - | - | - | - | - | <0.1 | <0.1 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| NFDHA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.1 | <0.001 |
| PFMOBA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| PFECHS | - | - | - | - | - | <0.1 | <0.1 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| 3:3 FTCA | - | - | - | - | - | <0.5 | <0.5 | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <0.1 | <0.01 |
| 5:3 FTCA | - | - | - | - | - | <0.1 | <0.1 | - | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.5 | <0.01 |
| 7:3 FTCA | - | - | - | - | - | <0.05 | <0.05 | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <0.1 | <0.01 |
| PFEESA | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| 9Cl-PF3ONS | - | - | - | - | - | <0.05 | <0.05 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| 11Cl-PF3OUdS | - | - | - | - | - | <0.2 | <0.2 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.05 | <0.001 |
| 4:2 FTS | - | - | - | - | - | <0.2 | <0.2 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.2 | <0.005 |
| 6:2 FTS | - | - | - | - | - | <0.2 | <0.2 | - | <0.005 | <0.005 | <0.005 | <0.005 | 0.027 | <0.005 | <0.005 | 0.028 | 0.2 | 0.014 |
| 8:2 FTS | - | - | - | - | - | <0.05 | <0.05 | - | 0.011 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.2 | <0.005 |
| FBSA | - | - | - | - | - | <0.05 | <0.05 | - | <0.005 | <0.005 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <0.05 | <0.01 |
| FHxSA | - | - | - | - | - | <1 | <1 | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <0.05 | <0.01 |
| FOSA | - | - | - | - | - | <1 | <1 | - | <0.02 | <0.02 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <0.005 |
| N-MeFOSA | - | - | - | - | - | <1 | <1 | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <0.005 |
| N-EtFOSA | - | - | - | - | - | <0.1 | <0.1 | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <0.005 |
| Me-FOSE | - | - | - | - | - | <0.1 | <0.1 | - | <0.005 | <0.005 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <0.1 | <0.01 |
| Et-FOSE | - | - | - | - | - | <0.1 | <0.1 | - | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <0.1 | <0.01 |
| N-MeFOS | - | - | - | - | - | <1 | <1 | - | <0.02 | <0.02 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <0.005 |
| N-EtFOS | - | - | - | - | - | <1 | <1 | NDP | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <0.005 |
| 8:2diPAP | - | - | - | - | - | <0.2 | <0.2 | - | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.2 | <0.005 |
| FOUEA | - | - | - | - | - | <1 | <1 | NDP | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <1 | <0.005 |
| 6:2 FT (Capstone B) | - | - | - | - | - | <4 | <4 | NDP | <0.005 | <0.005 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.005 | <1 | <0.005 |
| EEA-NH4 | - | - | - | - | - | <0.5 | <0.5 | NDP | <0.08 | <0.08 | - | - | - | - | - | - | - | - |
| PFOSA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10:2 FTS | | | | | | | | | | | | | | | | | | |
| Sum of PFAS | - | - | - | - | - | 15.24 | 15.21 | 0 | 0.3534 | 0.3503 | 0.3098 | 0.3834 | 0.302 | 0.2892 | 0.2883 | 0.203 | 11.55 | 0.2942 |
| Sum of PFAS - 20 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of DWI 48 PFAS Suite | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of PFAS - 24 | - | - | - | 0.0044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFAS Total | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| ID | EU Drinking Water Guideline | UK Drinking Water Guideline | EQS Inland Surface Waters | Proposed EQS Inland Surface Waters | EA HQ | SW6 | SW8 | BH06 | BH107 | BHW1 | BH206 | BH207 | BH213 | BH215 | BH403 | BH411 | BH637 | SW6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | | | | | | 06/10/2025 | 06/10/2025 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 | 02/03/2026 |
| Lab Report | ug/l | ug/l | ug/l | ug/l | ug/l | 25/16622 | 25/16622 | 26/3319 | 26/3319 | 26/3319 | 26/3319 | 26/3319 | 26/3319 | 26/3319 | 26/3319 | 26/3319 | 26/3319 | 26/3319 |
| PFBA | - | - | - | - | - | <0.005 | <0.005 | 0.033 | 0.09 | <0.05 | 0.046 | <0.05 | 0.069 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFPeA | - | - | - | - | - | <0.005 | <0.001 | 0.021 | <0.05 | 0.09 | 0.02 | <0.05 | 0.024 | <0.05 | 0.05 | <0.005 | 0.002 | <0.005 |
| PFHxA | - | - | - | - | - | <0.001 | <0.001 | 0.043 | 0.16 | 0.1 | 0.033 | <0.05 | 0.042 | 0.1 | 0.12 | <0.005 | <0.005 | <0.001 |
| PFHpA | - | - | - | - | - | <0.001 | <0.001 | 0.015 | 0.06 | 0.06 | 0.013 | <0.05 | 0.014 | <0.05 | 0.07 | <0.005 | <0.001 | <0.001 |
| PFOA | - | - | - | - | 0.0004 | 0.0008 | <0.00065 | 0.0317 | 0.05 | 0.11 | 0.0408 | <0.05 | 0.0475 | 0.08 | 0.16 | 0.006 | <0.00325 | <0.00065 |
| PFNA | - | - | - | - | 0.0003 | <0.001 | <0.001 | <0.010 | <0.05 | <0.05 | <0.005 | <0.05 | <0.010 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFDA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.005 | <0.05 | 0.013 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFUnA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFDoA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFTrDA | - | - | - | - | - | <0.006 | <0.006 | <0.006 | <0.05 | <0.05 | <0.006 | <0.05 | <0.006 | <0.05 | <0.05 | <0.006 | <0.006 | <0.006 |
| PFTeDA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFHxDA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.1 | <0.1 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.01 | <0.01 | <0.01 |
| PFODA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.1 | <0.1 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.01 | <0.01 | <0.01 |
| PFBS | - | - | - | - | - | <0.001 | <0.001 | 0.076 | <0.05 | <0.05 | 0.017 | <0.05 | 0.008 | <0.05 | <0.05 | 0.001 | 0.002 | <0.001 |
| PFPeS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.005 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFHxS | - | - | - | - | 0.0002 | <0.001 | <0.001 | 0.036 | <0.05 | <0.05 | <0.005 | <0.05 | <0.005 | <0.05 | 0.08 | 0.003 | 0.004 | <0.001 |
| PFHpS | - | - | - | - | - | <0.001 | <0.001 | <0.005 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFOS | - | - | 0.00065 AA 36 MAC | - | 0.000015 | <0.00065 | <0.00065 | <0.00650 | <0.05 | 0.06 | 0.0248 | <0.05 | 0.0497 | <0.05 | <0.05 | 0.0027 | 0.0024 | <0.00065 |
| PFNS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFDS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.005 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFUnDS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.005 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFDoDS | - | - | - | - | - | <0.001 | <0.001 | <0.005 | <0.05 | <0.05 | <0.005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFTrDS | - | - | - | - | - | <0.001 | <0.001 | <0.005 | <0.05 | <0.05 | <0.005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| HFPO-DA (Gen X) | - | - | - | - | - | <0.001 | <0.001 | <0.005 | <0.05 | <0.05 | <0.005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| HFPO-TA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <1 | <1 | <0.01 | <1 | <0.01 | <1 | <1 | <0.01 | <0.01 | <0.01 |
| DONA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFMOPrA | - | - | - | - | - | <0.005 | <0.001 | <0.005 | <0.05 | <0.05 | <0.001 | <0.05 | <0.005 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| NFDHA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.1 | <0.1 | <0.001 | <0.1 | <0.001 | <0.1 | <0.1 | <0.001 | <0.001 | <0.001 |
| PFMOBA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| PFECHS | - | - | - | - | - | <0.001 | <0.001 | <0.005 | <0.05 | <0.05 | <0.005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.005 | <0.001 | <0.001 |
| 3:3 FTCA | - | - | - | - | - | <0.01 | <0.01 | <0.05 | <0.1 | <0.1 | <0.01 | <0.1 | <0.05 | <0.1 | <0.1 | <0.01 | <0.01 | <0.01 |
| 5:3 FTCA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.5 | <0.5 | <0.01 | 0.6 | <0.01 | 0.5 | 0.8 | <0.01 | <0.01 | <0.01 |
| 7:3 FTCA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.1 | <0.1 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.01 | <0.01 | <0.01 |
| PFEESA | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| 9Cl-PF3ONS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| 11Cl-PF3OUdS | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.05 | <0.05 | <0.001 | <0.05 | <0.001 | <0.05 | <0.05 | <0.001 | <0.001 | <0.001 |
| 4:2 FTS | - | - | - | - | - | <0.005 | <0.005 | <0.025 | <0.2 | <0.2 | <0.005 | <0.2 | <0.005 | <0.2 | <0.2 | <0.005 | <0.005 | <0.005 |
| 6:2 FTS | - | - | - | - | - | <0.001 | <0.001 | 0.081 | <0.2 | <0.2 | <0.010 | <0.2 | 0.015 | <0.2 | <0.2 | <0.001 | <0.001 | <0.001 |
| 8:2 FTS | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <0.2 | <0.2 | <0.025 | <0.2 | <0.025 | <0.2 | <0.2 | <0.005 | <0.005 | <0.005 |
| FBSA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.05 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.05 | <0.01 | <0.01 | <0.01 |
| FHxSA | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.05 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.05 | <0.01 | <0.01 | <0.01 |
| FOSA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <0.005 | <1 | <1 | <0.005 | <0.005 | <0.005 |
| N-MeFOSA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <0.025 | <1 | <1 | <0.005 | <0.005 | <0.005 |
| N-EtFOSA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <0.005 | <1 | <1 | <0.005 | <0.005 | <0.005 |
| Me-FOSE | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.1 | <0.1 | <0.01 | <0.1 | <0.01 | 0.1 | <0.1 | <0.01 | <0.01 | <0.01 |
| Et-FOSE | - | - | - | - | - | <0.01 | <0.01 | <0.01 | <0.1 | <0.1 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.01 | <0.01 | <0.01 |
| N-MeFOS | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <0.005 | <1 | <1 | <0.005 | <0.005 | <0.005 |
| N-EtFOS | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <0.025 | <1 | <1 | <0.005 | <0.005 | <0.005 |
| 8:2diPAP | - | - | - | - | - | <0.005 | <0.005 | <0.025 | <0.2 | <0.2 | <0.005 | <0.2 | <0.005 | <0.2 | <0.2 | <0.005 | <0.005 | <0.005 |
| FOUEA | - | - | - | - | - | <0.005 | <0.005 | <0.005 | <1 | <1 | <0.005 | <1 | <0.005 | <1 | <1 | <0.005 | <0.005 | <0.005 |
| 6:2 FT (Capstone B) | - | - | - | - | - | <0.005 | <0.005 | <0.025 | <1 | <1 | 0.289 | <1 | 0.049 | <1 | <1 | <0.005 | <0.005 | <0.005 |
| EEA-NH4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFOSA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10:2 FTS | | | | | | | | <0.005 | <0.2 | <0.2 | <0.005 | <0.2 | <0.005 | <0.2 | <0.2 | <0.005 | <0.005 | <0.005 |
| Sum of PFAS | - | - | - | - | - | 0.18245 | 0.1843 | 0.6532 | 11.71 | 11.72 | 0.7226 | 11.65 | 0.6402 | 11.63 | 12.08 | 0.2107 | 0.19865 | 0.1893 |
| Sum of PFAS - 20 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sum of DWI 48 PFAS Suite | - | 0.1 | - | - | - | - | - | 0.3367 | 0.36 | 0.42 | 0.4836 | 0.6 | 0.3312 | 0.78 | 1.28 | 0.0127 | 0.0104 | 0 |
| Sum of PFAS - 24 | - | - | - | 0.0044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PFAS Total | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| ID | EU Drinking Water Guideline | UK Drinking Water Guideline | EQS Inland Surface Waters | Proposed EQS Inland Surface Waters | EA HQ | SW8 | CARMONEY WTW |
|---|---|---|---|---|---|---|---|
| Date | | | | | | 02/03/2026 | 02/03/2026 |
| Lab Report | ug/l | ug/l | ug/l | ug/l | ug/l | 26/3319 | 26/3319 |
| PFBA | - | - | - | - | - | <0.005 | <0.005 |
| PFPeA | - | - | - | - | - | <0.005 | <0.001 |
| PFHxA | - | - | - | - | - | <0.001 | <0.001 |
| PFHpA | - | - | - | - | - | <0.001 | <0.001 |
| PFOA | - | - | - | - | 0.0004 | <0.00065 | <0.00065 |
| PFNA | - | - | - | - | 0.0003 | <0.001 | <0.001 |
| PFDA | - | - | - | - | - | <0.001 | <0.001 |
| PFUnA | - | - | - | - | - | <0.001 | <0.001 |
| PFDoA | - | - | - | - | - | <0.001 | <0.001 |
| PFTrDA | - | - | - | - | - | <0.006 | <0.006 |
| PFTeDA | - | - | - | - | - | <0.001 | <0.001 |
| PFHxDA | - | - | - | - | - | <0.01 | <0.01 |
| PFODA | - | - | - | - | - | <0.01 | <0.01 |
| PFBS | - | - | - | - | - | <0.001 | <0.001 |
| PFPeS | - | - | - | - | - | <0.001 | <0.001 |
| PFHxS | - | - | - | - | 0.0002 | <0.001 | <0.001 |
| PFHpS | - | - | - | - | - | <0.001 | <0.001 |
| PFOS | - | - | 0.00065 AA 36 MAC | - | 0.000015 | <0.00065 | <0.00065 |
| PFNS | - | - | - | - | - | <0.001 | <0.001 |
| PFDS | - | - | - | - | - | <0.001 | <0.001 |
| PFUnDS | - | - | - | - | - | <0.001 | <0.001 |
| PFDoDS | - | - | - | - | - | <0.001 | <0.001 |
| PFTrDS | - | - | - | - | - | <0.001 | <0.001 |
| HFPO-DA (Gen X) | - | - | - | - | - | <0.001 | <0.001 |
| HFPO-TA | - | - | - | - | - | <0.01 | <0.01 |
| DONA | - | - | - | - | - | <0.001 | <0.001 |
| PFMOPrA | - | - | - | - | - | <0.001 | <0.001 |
| NFDHA | - | - | - | - | - | <0.001 | <0.001 |
| PFMOBA | - | - | - | - | - | <0.001 | <0.001 |
| PFECHS | - | - | - | - | - | <0.001 | <0.001 |
| 3:3 FTCA | - | - | - | - | - | <0.01 | <0.01 |
| 5:3 FTCA | - | - | - | - | - | <0.01 | <0.01 |
| 7:3 FTCA | - | - | - | - | - | <0.01 | <0.01 |
| PFEESA | - | - | - | - | - | <0.001 | <0.001 |
| 9Cl-PF3ONS | - | - | - | - | - | <0.001 | <0.001 |
| 11Cl-PF3OUdS | - | - | - | - | - | <0.001 | <0.001 |
| 4:2 FTS | - | - | - | - | - | <0.005 | <0.005 |
| 6:2 FTS | - | - | - | - | - | <0.001 | <0.001 |
| 8:2 FTS | - | - | - | - | - | <0.005 | <0.005 |
| FBSA | - | - | - | - | - | <0.01 | <0.01 |
| FHxSA | - | - | - | - | - | <0.01 | <0.01 |
| FOSA | - | - | - | - | - | <0.005 | <0.005 |
| N-MeFOSA | - | - | - | - | - | <0.005 | <0.005 |
| N-EtFOSA | - | - | - | - | - | <0.005 | <0.005 |
| Me-FOSE | - | - | - | - | - | <0.01 | <0.01 |
| Et-FOSE | - | - | - | - | - | <0.01 | <0.01 |
| N-MeFOS | - | - | - | - | - | <0.005 | <0.005 |
| N-EtFOS | - | - | - | - | - | <0.005 | <0.005 |
| 8:2diPAP | - | - | - | - | - | <0.005 | <0.005 |
| FOUEA | - | - | - | - | - | <0.005 | <0.005 |
| 6:2 FT (Capstone B) | - | - | - | - | - | <0.005 | <0.005 |
| EEA-NH4 | - | - | - | - | - | - | - |
| PFOSA | - | - | - | - | - | - | - |
| 10:2 FTS | | | | | | <0.005 | <0.005 |
| Sum of PFAS | - | - | - | - | - | 0.1933 | 0.1893 |
| Sum of PFAS - 20 | 0.1 | - | - | - | - | - | - |
| Sum of DWI 48 PFAS Suite | - | 0.1 | - | - | - | 0 | 0 |
| Sum of PFAS - 24 | - | - | - | 0.0044 | - | - | - |
| PFAS Total | 0.5 | - | - | - | - | - | - |



Compiled by: [redacted]
Date: March 2026