# Small Streams Network Field & Laboratory Method Summary

## Pilot year (2023) and survey cycle year 1 (2024)

Date: December 2025

Version: 1

We are the Environment Agency. We protect and improve the environment.

We help people and wildlife adapt to climate change and reduce its impacts, including flooding, drought, sea level rise and coastal erosion.

We improve the quality of our water, land and air by tackling pollution. We work with businesses to help them comply with environmental regulations. A healthy and diverse environment enhances people's lives and contributes to economic growth.

We can't do this alone. We work as part of the Defra group (Department for Environment, Food & Rural Affairs), with the rest of government, local councils, businesses, civil society groups and local communities to create a better place for people and wildlife.

The Small Streams Network is a project funded by the UK Government through Defra's Natural Capital and Ecosystem Assessment programme (NCEA).

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## Contents

# Foreword

This document supports the Small Streams Network (SSN) by outlining the data collection and laboratory analysis methods used to collect and analyse the SSN data. The operational instructions and laboratory method statements referenced in this document are available on the Defra Data Services Platform.

# Data Collection Methods

This table sets out the data collection methods followed for the Natural Capital and Ecosystem Assessment Small Streams Network (SSN) and their corresponding quality assurance schemes where relevant. Summaries of the data parameters collected are provided below, along with the title of the internal operational instruction documents that detail how those data are collected. These operational instruction documents can be found on the Defra Data Services Platform.

| Parameter | Operational Instruction | Summary |
|---|---|---|
| Inorganic chemicals | LIT 11344 – Taking field measurements using a multi-parameter meter | Collection of temperature, conductivity, dissolved oxygen, and pH data using a calibrated meter in the field. |
| Organic chemicals and metals | LIT 12077 – Chemical and microbiological sampling of water | Measurement of trace metals (including copper, zinc, lead) and organic contaminants (including hydrocarbon, pesticides, and industrial compounds) |
| Freshwater macroinvertebrates | LIT 11610 - Freshwater macro-invertebrate sampling in rivers | Collection of macro-invertebrates using a 3-minute ‘kick sample’ and subsequent laboratory analysis |
| Quality assurance scheme for macro-invertebrates | LIT 15672 – Quality assurance for freshwater macro-invertebrate monitoring | Quality assurance scheme for data collected via LIT 11610 – Freshwater macro-invertebrate sampling in rivers |
| Phytobenthos | LIT 11460 -Sampling diatoms from rivers and lakes; LIT 12201 – Freshwater diatom monitoring | Collection of diatoms by scrubbing rocks or large plants and subsequent laboratory analysis<br><br>Note – these samples are now analysed internally, not sent to an external contractor |

| | | |
|---|---|---|
| Macrophytes | LIT 11513 - Surveying freshwater macrophytes in rivers | Aquatic Plant Survey Protocol<br>Survey Design<br>Surveys are conducted by an accredited macrophyte surveyor, typically accompanied by another team member for health and safety compliance. Each survey covers a 100 m stretch of river or stream, with observations recorded at 10 m intervals. Plant communities present are documented at each stop, and surveys generally proceed upstream to downstream to maintain biosecurity standards.<br><br>Repeat Surveys<br>Repeat surveys must use the same sampling equipment and methods to ensure consistency. While conducting surveys at the exact same time each year is preferable, this is often impractical due to the volume of fieldwork required within a short summer window. To minimize variation in plant diversity, surveys are restricted to June through the end of September, in line with UKTAG Water Framework Directive standards. This timing ensures plant communities are fully established before surveys begin and avoids the autumn period when species decline rapidly.<br><br>Quality Assurance (Sub-Sampling)<br>To maintain data integrity, at least one in every ten surveys must be independently verified by another accredited staff member. This process ensures differences between surveyors remain within acceptable limits and comply with official instruction documents. |
| Quality assurance scheme for macrophytes | LIT 13242 – Quality assurance scheme for macrophyte monitoring in rivers | Quality assurance for data collected via LIT 11513 – Surveying freshwater macrophytes in rivers |
| River habitat survey | LIT 11694 – River habitat surveys<br><br>River Habitat Survey in Britain and Ireland | Assessment of the physical structure and composition of river and stream habitats and calculation of RHS scores. |
| Quality assurance scheme for river habitat survey | LIT 12932 – Quality assurance scheme for river habitat survey | Quality assurance for data collected via LIT 11694 – River habitat surveys |

Table 1

# Laboratory Methods

This document sets out the laboratory methods followed for analysing the samples from the Natural Capital and Ecosystem Assessment Small Streams Network. Method summaries for each technique used have been provided below. These provide a summary of the techniques and performance characteristics of each method and are a small part of the overall document control and laboratory assurance required to achieve ISO17025 accreditation. Other assurance is achieved through participation in external proficiency testing, internal audits and validation to required targets through ‘Performance testing protocol for the analysis of waters’ or ‘Performance testing protocol for the analysis of solids’ as appropriate.

# Inorganic Chemistry

Inorganic chemistry (for instance nutrients and major ions) is analysed from a water sample taken from the river channel. This can show us impacts of a wide range of human activities, as well as the water type which would determine the expected plant and animal communities. Monthly samples are collected in each year the site is scheduled for monitoring (according to the panel design).

| Analysis | Laboratory Method Statement | Summary |
|---|---|---|
| Dissolved organic carbon mg/L | LIT 63077 - Dissolved organic carbon | Automated colorimetric method for the analysis of organic carbon in freshwater. |
| Nutrients mg/L | LIT 63225 - SX I Nutrients | Measurement of alkalinity, ammonia, chloride, nitrite, orthophosphate, silicate, Total Oxidised Nitrogen (TON) and nitrate in freshwater samples |
| Nutrients Low mg/L | LIT 63194 - SX I Very Low Nutrients | Measurement of low level ammonia, total oxidised nitrogen, nitrite, phosphate, silica |
| OES routine dissolved | LIT 60773 - SX M ICPOES Routine | Measurement of barium boron, calcium, iron, lithium magnesium, manganese, potassium, sulphates SO4, sulphur, sodium, strontium in freshwater. |
| ICPMS Low Level Dissolved ug/L | LIT 60747 - SX M ICPMS Low Level | Measurement of copper, lead, chromium, cadmium, nickel, zinc and aluminium |
| Alk pH 4.5 Grans Plot | LIT 66042 - LE I Grans Plot Alkalinity Method | Automatic Grans plot alkalinity |
| Suspended solids mg/L | LIT 63179 - SX I Suspended Solids Sum | Organic and inorganic matter which can be removed from water filtration. |
| P Total Low mg/L | LIT 72562 - LE I Low Level Total Phosphorus Method Summary | Low-level total phosphorous.<br><br>Range of application 0-0.1mg/L |
| Total N & P mg/L | LIT 63186 - SX I Total N and P Sum | Total Nitrogen as mg/L<br>Total phosphorus as mg/L |

Table 2

# Organic Chemistry

Organic chemistry (for instance pesticides, pharmaceuticals) analysis is carried out at 20% of sites from a water sample taken from the river channel. A semiquantitative scan to detect emerging substances will also be used. This can show us impacts of a wide range of human activities such as sewage, pollution incidents, and agriculture. Monthly samples are collected in each year the site is scheduled for monitoring (according to the panel design).

| Analysis | Laboratory Method Statement | Summary |
|---|---|---|
| Glyphosate & AMPA ug/L | LIT 62501 - LE O Glyphosate and AMPA by LCMS summary | Determination of glyphosate and its metabolite aminomethylphophoric acid (AMPA) in water using liquid chromatography mass spectrometry (tripe quadrupole) |
| PFAS in water ug/L full & semi quant | LIT 62389 - SX O PFAS-Summary | Determination of 44 PFAS compounds ( see method for full list) in water using liquid chromatography mass spectrometry (triple quadrupole) |
| LCMS Screen NCEA | LIT 75352 - Leeds LCMS TOF Screen summary | LCMS Screen - The QTOF system combines liquid chromatography for separating compounds and mass spectrometry for identifying and quantifying them. It provides high-resolution and accurate mass measurements<br>In a time-of-flight (TOF) mass analyser, a uniform electromagnetic force is applied to all the ions at the same time, causing them to accelerate through a flight tube.<br>Lighter ions travel faster and arrive at the detector first. The mass-tocharge (m/z) ratios of the ions are determined by their arrival times.<br>Time-of-flight (TOF) mass analysers can analyse ions over a wide mass range and measure arrival times with extreme precision, resulting in high resolution- |
| Diatoms | LIT 61799 Method Summary for the Sequencing and classification of Diatoms (NLS B Diatoms) | Sequencing diatom DNA using Next Generation Sequencing (NGS) provides a fast, objective method for species identification by targeting the rbcL gene, avoiding the limitations of traditional microscopy. Indexed, pooled samples are processed on Illumina platforms for high-throughput analysis, enabling accurate ecological assessments while minimizing cost and subjectivity. |

Table 3

## .Minimum Reporting Value

| Test Name | Analyte | MRV | Units | Det Code |
|---|---|---|---|---|
| Alk pH4.5 Grans Plot | Alk pH4.5 Grans Plot | -5 | mg/l | 7610 |
| Dissolved Organic Carbon mg/l | Carbon Org Diss | 0.2 | mg/l | 301 |
| Glyphosate & AMPA ug/l | AMPA | 0.1 | ug/l | 7125 |
| Glyphosate & AMPA ug/l | Glyphosate | 0.1 | ug/l | 3007 |
| ICPMS Low Level Dissolved ug/l | Aluminium Dissolved | 20 | ug/l | 6037 |
| ICPMS Low Level Dissolved ug/l | Cadmium Dissolved | 0.01 | ug/l | 106 |
| ICPMS Low Level Dissolved ug/l | Chromium Dissolved | 0.5 | ug/l | 3409 |
| ICPMS Low Level Dissolved ug/l | Copper Dissolved | 0.1 | ug/l | 6450 |
| ICPMS Low Level Dissolved ug/l | Lead Dissolved | 0.1 | ug/l | 52 |
| ICPMS Low Level Dissolved ug/l | Nickel Dissolved | 0.5 | ug/l | 3410 |
| ICPMS Low Level Dissolved ug/l | Zinc Dissolved | 0.5 | ug/l | 3408 |
| ICPMS Low Level Total ug/l | Aluminium | 20 | ug/l | 6057 |
| ICPMS Low Level Total ug/l | Cadmium | 0.01 | ug/l | 108 |

| | | | | |
|---|---|---|---|---|
| ICPMS Low Level Total ug/l | Chromium | 0.5 | ug/l | 3164 |
| ICPMS Low Level Total ug/l | Copper | 0.1 | ug/l | 6452 |
| ICPMS Low Level Total ug/l | Lead | 0.1 | ug/l | 50 |
| ICPMS Low Level Total ug/l | Nickel | 0.5 | ug/l | 6462 |
| ICPMS Low Level Total ug/l | Zinc | 0.5 | ug/l | 6455 |
| ICPMS Routine Dissolved ug/l | Aluminium Dissolved | 20 | ug/l | 6037 |
| ICPMS Routine Dissolved ug/l | Cadmium Dissolved | 0.1 | ug/l | 106 |
| ICPMS Routine Dissolved ug/l | Chromium Dissolved | 0.5 | ug/l | 3409 |
| ICPMS Routine Dissolved ug/l | Copper Dissolved | 1 | ug/l | 6450 |
| ICPMS Routine Dissolved ug/l | Lead Dissolved | 2 | ug/l | 52 |
| ICPMS Routine Dissolved ug/l | Nickel Dissolved | 1 | ug/l | 3410 |
| ICPMS Routine Dissolved ug/l | Zinc Dissolved | 5 | ug/l | 3408 |
| ICPMS Routine Total ug/l | Aluminium | 20 | ug/l | 6057 |
| ICPMS Routine Total ug/l | Cadmium | 0.1 | ug/l | 108 |
| ICPMS Routine Total ug/l | Chromium | 0.5 | ug/l | 3164 |

| | | | | |
|---|---|---|---|---|
| ICPMS Routine Total ug/l | Copper | 1 | ug/l | 6452 |
| ICPMS Routine Total ug/l | Lead | 2 | ug/l | 50 |
| ICPMS Routine Total ug/l | Nickel | 1 | ug/l | 6462 |
| ICPMS Routine Total ug/l | Zinc | 5 | ug/l | 6455 |
| N and P Total mg/l | N Total as N | 0.1 | mg/l | 9686 |
| N and P Total mg/l | Phosphorus Tot as P | 0.01 | mg/l | 348 |
| Nutrients Low mg/l | Ammoniacal N | 0.002 | mg/l | 111 |
| Nutrients Low mg/l | N Total Ox as N | 0.005 | mg/l | 116 |
| Nutrients Low mg/l | Nitrite as N | 0.001 | mg/l | 118 |
| Nutrients Low mg/l | oPhosphate rv as P | 0.001 | mg/l | 180 |
| Nutrients Low mg/l | Silicate rv SiO2 | 0.01 | mg/l | 182 |
| Nutrients mg/l | Alk pH4.5 CaCO3 | 8 | mg/l | 162 |
| Nutrients mg/l | Ammoniacal N | 0.03 | mg/l | 111 |
| Nutrients mg/l | Chloride | 1 | mg/l | 172 |
| Nutrients mg/l | N Total Ox as N | 0.2 | mg/l | 116 |
| Nutrients mg/l | Nitrite as N | 0.004 | mg/l | 118 |
| Nutrients mg/l | oPhosphate rv as P | 0.01 | mg/l | 180 |
| Nutrients mg/l | Silicate rv SiO2 | 0.2 | mg/l | 182 |
| OES Routine Dissolved ug and mg/l | Barium Dissolved | 10 | ug/l | 9446 |

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|---|---|---|---|---|
| OES Routine Dissolved ug and mg/l | Boron Dissolved | 100 | ug/l | 9447 |
| OES Routine Dissolved ug and mg/l | Calcium Dissolved | 1 | mg/l | 239 |
| OES Routine Dissolved ug and mg/l | Iron Dissolved | 30 | ug/l | 6460 |
| OES Routine Dissolved ug and mg/l | Lithium Dissolved | 100 | ug/l | 4201 |
| OES Routine Dissolved ug and mg/l | Magnesium Dissolved | 0.3 | mg/l | 235 |
| OES Routine Dissolved ug and mg/l | Manganese Dissolved | 10 | ug/l | 6458 |
| OES Routine Dissolved ug and mg/l | Potassium Dissolved | 0.1 | mg/l | 209 |
| OES Routine Dissolved ug and mg/l | Sodium Dissolved | 2 | mg/l | 205 |
| OES Routine Dissolved ug and mg/l | Strontium Dissolved | 20 | ug/l | 6693 |
| OES Routine Dissolved ug and mg/l | Sulphate Diss as SO4 | 10 | mg/l | 7859 |
| OES Routine Total ug and mg/l | Barium | 10 | ug/l | 6062 |
| OES Routine Total ug and mg/l | Boron | 100 | ug/l | 6059 |
| OES Routine Total ug and mg/l | Calcium | 1 | mg/l | 241 |
| OES Routine Total ug and mg/l | Iron | 30 | ug/l | 6051 |
| OES Routine Total ug and mg/l | Lithium | 100 | ug/l | 6064 |

| | | | | |
|---|---|---|---|---|
| OES Routine Total ug and mg/l | Magnesium | 0.3 | mg/l | 237 |
| OES Routine Total ug and mg/l | Manganese | 10 | ug/l | 6050 |
| OES Routine Total ug and mg/l | Potassium | 0.1 | mg/l | 211 |
| OES Routine Total ug and mg/l | Sodium | 2 | mg/l | 207 |
| OES Routine Total ug and mg/l | Strontium | 20 | ug/l | 6063 |
| OES Routine Total ug and mg/l | Sulphate as SO4 | 10 | mg/l | 183 |
| P Total Low mg/l | Phosphorus Tot as P | 0.001 | mg/l | 348 |
| PFAS in water ug/l full & semi quant | 10:2 Fluorotelomer sulfonic acid | 2 | ng/L | 2994 |
| PFAS in water ug/l full & semi quant | 11-chloroeicosafluoro-3-oxaundecane-1sulfonic acid | 1 | ng/L | 2993 |
| PFAS in water ug/l full & semi quant | 2-(N-Ethylperfluorooctanesulfonamido)acetic acid | 1 | ng/L | 2991 |
| PFAS in water ug/l full & semi quant | 2-(N-Ethylperfluorooctanesulfonamido)acetic acid B | 1 | ng/L | 2942 |
| PFAS in water ug/l full & semi quant | 2-(N-Methylperfluorooctanesulfonamido)ac ac (B) | 0.5 | ng/L | 2943 |
| PFAS in water ug/l full & semi quant | 2-(N-Methylperfluorooctanesulfonamido)acetic acid | 0.5 | ng/L | 2990 |
| PFAS in water ug/l full & semi quant | 2H,2H,3H,3H-Perfluorooctanoic acid | 1 | ng/L | 2989 |
| PFAS in water ug/l full & semi quant | 2H-Perfluoro-2-decenoic acid | 1 | ng/L | 2888 |

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|---|---|---|---|---|
| PFAS in water ug/l full & semi quant | 3:3 Fluorotelomer carboxylic acid | 4 | ng/L | 2926 |
| PFAS in water ug/l full & semi quant | 3-Perfluoroheptylpropanoic acid | 0.5 | ng/L | 2925 |
| PFAS in water ug/l full & semi quant | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | 1 | ng/L | 2988 |
| PFAS in water ug/l full & semi quant | 4:2 Fluorotelomer sulfonic acid | 0.5 | ng/L | 2987 |
| PFAS in water ug/l full & semi quant | 5:1:2 Fluorotelomer betaine | 0.5 | ng/L | 2887 |
| PFAS in water ug/l full & semi quant | 5:3 Fluorotelomer betaine | 0.5 | ng/L | 2886 |
| PFAS in water ug/l full & semi quant | 6:2 Fluorotelomer phosphate diester | 4 | ng/L | 2986 |
| PFAS in water ug/l full & semi quant | 6:2 Fluorotelomer sulfonamide amine oxide | 1 | ng/L | 2841 |
| PFAS in water ug/l full & semi quant | 6:2 Fluorotelomer sulfonamide betaine | 1 | ng/L | 2985 |
| PFAS in water ug/l full & semi quant | 6:2 Fluorotelomer sulfonic acid | 1 | ng/L | 2984 |
| PFAS in water ug/l full & semi quant | 6:2/8:2 Fluorotelomer phosphate diester | 10 | ng/L | 2884 |
| PFAS in water ug/l full & semi quant | 6:6 Perfluorophosphinic acid | 4 | ng/L | 2883 |
| PFAS in water ug/l full & semi quant | 6:8 Perfluorophosphinic acid | 10 | ng/L | 2882 |
| PFAS in water ug/l full & semi quant | 8:2 Fluorotelomer phosphate diester | 4 | ng/L | 2880 |
| PFAS in water ug/l full & semi quant | 8:2 Fluorotelomer sulfonic acid | 1 | ng/L | 2983 |

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|---|---|---|---|---|
| PFAS in water ug/l full & semi quant | 8:8 Perfluorophosphinic acid | 10 | ng/L | 2879 |
| PFAS in water ug/l full & semi quant | 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid | 0.5 | ng/L | 2982 |
| PFAS in water ug/l full & semi quant | Hexafluoropropylene oxide dimer acid (Gen X) | 1 | ng/L | 2981 |
| PFAS in water ug/l full & semi quant | Hexafluoropropylene oxide trimer acid | 1 | ng/L | 2980 |
| PFAS in water ug/l full & semi quant | N-Ethyl-N-2hydroxyethylperfluorooctanesulfonamide | 20 | ng/L | 2978 |
| PFAS in water ug/l full & semi quant | N-Ethylperfluorooctanesulfonamide | 2 | ng/L | 2977 |
| PFAS in water ug/l full & semi quant | N-Methyl-N-2hydroxyethylperfluorooctanesulfonamide | 20 | ng/L | 2976 |
| PFAS in water ug/l full & semi quant | N-methylperfluorooctanesulfonamide | 2 | ng/L | 2975 |
| PFAS in water ug/l full & semi quant | N-TAmP-FHxSA | 0.5 | ng/L | 2890 |
| PFAS in water ug/l full & semi quant | Perfluoro(2-ethoxyethane)sulfonic acid | 0.5 | ng/L | 2924 |
| PFAS in water ug/l full & semi quant | Perfluoro(4-methoxybutanoic) acid | 0.5 | ng/L | 2923 |
| PFAS in water ug/l full & semi quant | Perfluoro-3,6-dioxaheptanoic acid | 0.5 | ng/L | 2922 |
| PFAS in water ug/l full & semi quant | Perfluoro-3,6-Dioxaoctanoic acid | 0.5 | ng/L | 2974 |
| PFAS in water ug/l full & semi quant | Perfluoro-3-methoxypropanoic acid | 0.5 | ng/L | 2921 |
| PFAS in water ug/l full & semi quant | Perfluoro-4-ethylcyclohexanesulfonic acid | 0.5 | ng/L | 2973 |

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|---|---|---|---|---|
| PFAS in water ug/l full & semi quant | Perfluorobutanesulfonic acid | 1 | ng/L | 2972 |
| PFAS in water ug/l full & semi quant | Perfluorobutanoic acid | 1 | ng/L | 2995 |
| PFAS in water ug/l full & semi quant | Perfluorobutylsulfonamide | 0.5 | ng/L | 2970 |
| PFAS in water ug/l full & semi quant | Perfluorodecanesulfonic acid | 1 | ng/L | 2969 |
| PFAS in water ug/l full & semi quant | Perfluorodecanoic acid | 1 | ng/L | 8892 |
| PFAS in water ug/l full & semi quant | Perfluorododecane sulfonic acid | 5 | ng/L | 2968 |
| PFAS in water ug/l full & semi quant | Perfluorododecanoic acid | 2 | ng/L | 8894 |
| PFAS in water ug/l full & semi quant | Perfluoroheptanesulfonic acid | 0.5 | ng/L | 2967 |
| PFAS in water ug/l full & semi quant | Perfluoroheptanoic acid | 1 | ng/L | 8889 |
| PFAS in water ug/l full & semi quant | Perfluorohexane sulfonamido amine | 0.5 | ng/L | 2874 |
| PFAS in water ug/l full & semi quant | Perfluorohexanesulfonamide | 0.5 | ng/L | 2965 |
| PFAS in water ug/l full & semi quant | Perfluorohexanesulfonic acid | 0.5 | ng/L | 2964 |
| PFAS in water ug/l full & semi quant | Perfluorohexanesulfonic acid (B) | 0.5 | ng/L | 2944 |
| PFAS in water ug/l full & semi quant | Perfluoro-hexanesulfonic acid (Total ) | 1 | ng/L | 2893 |
| PFAS in water ug/l full & semi quant | Perfluorohexanoic acid | 0.5 | ng/L | 8888 |

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|---|---|---|---|---|
| PFAS in water ug/l full & semi quant | Perfluorononanesulfonic acid | 0.5 | ng/L | 2963 |
| PFAS in water ug/l full & semi quant | Perfluorononanoic acid | 1 | ng/L | 8891 |
| PFAS in water ug/l full & semi quant | Perfluorooctadecanoic acid | 2 | ng/L | 2962 |
| PFAS in water ug/l full & semi quant | Perfluorooctanesulfonamide | 1 | ng/L | 2961 |
| PFAS in water ug/l full & semi quant | Perfluorooctanesulfonic acid (branched) | 0.5 | ng/L | 2960 |
| PFAS in water ug/l full & semi quant | Perfluorooctanesulfonic acid (linerar) | 0.5 | ng/L | 2959 |
| PFAS in water ug/l full & semi quant | Perfluoro-octanesulfonic acid (Total ) | 1 | ng/L | 2958 |
| PFAS in water ug/l full & semi quant | Perfluorooctanoic acid | 0.5 | ng/L | 8890 |
| PFAS in water ug/l full & semi quant | Perfluoropentanesulfonic acid | 0.5 | ng/L | 2957 |
| PFAS in water ug/l full & semi quant | Perfluoropentanoic acid | 1 | ng/L | 8887 |
| PFAS in water ug/l full & semi quant | Perfluoro-propanesulfonic acid | 0.5 | ng/L | 2873 |
| PFAS in water ug/l full & semi quant | Perfluorotetradecanoic acid | 6 | ng/L | 8895 |
| PFAS in water ug/l full & semi quant | Perfluorotridecanoic acid | 2 | ng/L | 2955 |
| PFAS in water ug/l full & semi quant | Perfluoroundecane sulfonic acid | 4 | ng/L | 2953 |
| PFAS in water ug/l full & semi quant | Perfluoroundecanoic acid | 1 | ng/L | 8893 |

| | | | | |
|---|---|---|---|---|
| PFAS Short Chain in Water | Difluoroacetic acid | 40 | ng/L | 2878 |
| PFAS Short Chain in Water | Perfluoroethanesulfonic acid | 2 | ng/L | 2875 |
| PFAS Short Chain in Water | Perfluoropropanesulfonic acid | 1 | ng/L | |
| PFAS Short Chain in Water | Trifluoroacetic acid | 40 | ng/L | 2872 |
| PFAS Short Chain in Water | Trifluoromethanesulfonic acid | 1 | ng/L | 2871 |
| PFAS Short Chain in Water | Difluoroacetic acid | 40 | ng/L | 2878 |
| PFAS Short Chain in Water | Perfluoroethanesulfonic acid | 2 | ng/L | 2875 |
| PFAS Short Chain in Water | Perfluoropropanesulfonic acid | 1 | ng/L | |
| PFAS Short Chain in Water | Trifluoroacetic acid | 40 | ng/L | 2872 |
| PFAS Short Chain in Water | Trifluoromethanesulfonic acid | 1 | ng/L | 2871 |
| Suspended Solids (with high total diss solids) | Solids Sus @105C | 3 | mg/l | 135 |
| Suspended Solids Ash (with high total diss solids) | Solids NVol @500C | 20 | mg/l | 143 |
| Suspended Solids Ash mg/l | Solids NVol @500C | 20 | mg/l | 143 |
| Suspended Solids mg/l | Solids Sus @105C | 3 | mg/l | 135 |

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