

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Amanda Healy
Housatonic Basin Sampling & Testing
80 Run Way
Lee MA 01238

Generated 10/16/2024 11:13 AM

JOB DESCRIPTION

1148000-241008

JOB NUMBER

810-123581-1

Eurofins Eaton Analytical South Bend

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization



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Authorized for release by
Amanda Scott, Project Manager
Amanda.Scott@et.eurofinsus.com



Per- and Polyfluoroalkyl Substances (PFAS) Report

Page 1 of 2

I. PWS INFORMATION: Please refer to your MassDEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: MA1148000 City / Town: Lanesborough
PWS Name: Lanesborough Fire and Water District PWS Class: COM [x] NTNC [] TNC []

Table with 5 columns: MassDEP LOCATION (LOC) ID#, MassDEP Location Name, Sample Information, Date Collected, Collected By. Includes checkboxes for (M)ultiple, (S)ingle, (R)aw, (F)inished.

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: M-IN035 Primary Lab Name: Eurofins Eaton Analytical South Bend Subcontracted? (Y/N) N
Analysis Lab MA Cert. #: M-IN035 Analysis Lab Name: Eurofins Eaton Analytical South Bend

Table with 5 columns: Lab Method, Date Extracted, Date Analyzed, Dilution Factor, Lab Sample ID#. Includes Primary Lab and Subcontracted Lab information.

Table with 7 columns: CAS#, REGULATED PFAS CONTAMINANTS, Result 1 ng/L, Result 2 Qualifier, MCL* ng/L, MDL ng/L, MRL ng/L. Lists various PFAS compounds and their results.

1 A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.
2 All qualifiers must be described under Lab Analysis Comments on page 2.



Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID #:

MA1148000

Lab Sample ID #:

Primary Lab: 810-123581-1

Subcontracted Lab: 810-123581-1

Table with 7 columns: CAS#, UNREGULATED PFAS CONTAMINANTS, Result ng/L, Result Qualifier, MCL* ng/L, MDL ng/L, MRL ng/L. Contains multiple rows of data.

Table with 3 columns: Surrogate Name, % Recovery (70 - 130%), Alternate Surrogate (must document reason for change). Lists 13C2-PFHxA, 13C2-PFDA, d5-NEtFOSAA, 13C3-HFPO-DA.

Note: 13C3-HFDO-DA is not required for EPA Method 537 v1.1

In addition to the SUR above you must attach the results of the ongoing QC results as specified by the method for the sample's extraction batch.

Laboratory analytical report with QC attached (check one item below).

- All associated QC criteria reported within control limits including Lab Reagent/Method Blank (LRB), Field Reagent Blank (FRB), Surrogate Standards (SUR), Laboratory Fortified Blank (LFB), Matrix Spike/Duplicate (LFSM/LFSMD or FD) and RPD.
All associated sample and/or QC batch criteria not met. See Lab Analysis Comments below and narrative in attached report.

Lab Analysis Comments: (include sample/method parameters outside of or affecting QC controls/limits and result qualifiers)

Table with 2 columns: Result Qualifier, Qualifier Description. Includes entry for 'J' and 'Other Analysis Comments'.

* MCL or proposed MCL

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Authorized Signature:

Handwritten signature of Amanda Scott

Amanda Scott, Project Manager

Date: 10/16/2024

If not submitting these results electronically, mail TWO copies of this report to your MassDEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

Table for MassDEP REVIEW STATUS with fields for Accepted/Disapproved, Review Comments, and WQTS Data Entered.



ANALYTICAL REPORT

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JOB NUMBER

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Authorization



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Authorized for release by
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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Method Summary	15
Sample Summary	16
Chain of Custody	17
Receipt Checklists	18



Definitions/Glossary

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Housatonic Basin Sampling & Testing
Project: 1148000-241008

Job ID: 810-123581-1

Job ID: 810-123581-1

Eurofins Eaton Analytical South Bend

Job Narrative 810-123581-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 10/9/2024 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

PFAS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

Client Sample ID: POE TOWN BROOK GP 02G

Lab Sample ID: 810-123581-1

PWSID Number: MA1148000

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	1.9		1.9	0.50	ng/L	1		537.1	Total/NA
Perfluorohexanoic acid (PFHxA)	1.0	J	1.9	0.60	ng/L	1		537.1	Total/NA
Perfluorooctanoic acid (PFOA)	2.4		1.9	0.48	ng/L	1		537.1	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.0		1.9	0.68	ng/L	1		537.1	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.60	J	1.9	0.50	ng/L	1		537.1	Total/NA
PFAS Total	4.30		2.00	0.500	ng/L	1		PFAS6	Total/NA

Client Sample ID: POE TOWN BROOK GP 02G- FB

Lab Sample ID: 810-123581-2

PWSID Number: MA1148000

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

Client Sample ID: POE TOWN BROOK GP 02G

Lab Sample ID: 810-123581-1

Date Collected: 10/03/24 09:20

Matrix: Drinking Water

Date Received: 10/09/24 09:15

PWSID Number: MA1148000

Method: EPA 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	1.9		1.9	0.50	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.60	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorohexanoic acid (PFHxA)	1.0	J	1.9	0.60	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.60	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorooctanoic acid (PFOA)	2.4		1.9	0.48	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.57	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.42	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorobutanesulfonic acid (PFBS)	2.0		1.9	0.68	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluoroheptanoic acid (PFHpA)	0.60	J	1.9	0.50	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.46	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.9	0.62	ng/L		10/11/24 12:51	10/12/24 16:02	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9	0.57	ng/L		10/11/24 12:51	10/12/24 16:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.9	0.59	ng/L		10/11/24 12:51	10/12/24 16:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.9	0.62	ng/L		10/11/24 12:51	10/12/24 16:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.9	0.59	ng/L		10/11/24 12:51	10/12/24 16:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.9	0.61	ng/L		10/11/24 12:51	10/12/24 16:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.9	0.61	ng/L		10/11/24 12:51	10/12/24 16:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9	0.47	ng/L		10/11/24 12:51	10/12/24 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFHxA	104		70 - 130				10/11/24 12:51	10/12/24 16:02	1
13C2 PFDA	100		70 - 130				10/11/24 12:51	10/12/24 16:02	1
13C3 HFPO-DA	94		70 - 130				10/11/24 12:51	10/12/24 16:02	1
d5-NEtFOSAA	97		70 - 130				10/11/24 12:51	10/12/24 16:02	1

Method: EPA PFAS6 - PFAS6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PFAS Total	4.30		2.00	0.500	ng/L			10/12/24 16:02	1

Client Sample ID: POE TOWN BROOK GP 02G- FB

Lab Sample ID: 810-123581-2

Date Collected: 10/03/24 09:20

Matrix: Drinking Water

Date Received: 10/09/24 09:15

PWSID Number: MA1148000

Method: EPA 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.50	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.60	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorohexanoic acid (PFHxA)	ND		1.9	0.60	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.60	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorooctanoic acid (PFOA)	ND		1.9	0.48	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.57	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.42	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.68	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.49	ng/L		10/11/24 12:51	10/12/24 16:45	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: Housatonic Basin Sampling & Testing
 Project/Site: 1148000-241008

Job ID: 810-123581-1

Client Sample ID: POE TOWN BROOK GP 02G- FB

Lab Sample ID: 810-123581-2

Date Collected: 10/03/24 09:20

Matrix: Drinking Water

Date Received: 10/09/24 09:15

PWSID Number: MA1148000

Method: EPA 537.1 - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	ND		1.9	0.46	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.9	0.62	ng/L		10/11/24 12:51	10/12/24 16:45	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9	0.57	ng/L		10/11/24 12:51	10/12/24 16:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.9	0.59	ng/L		10/11/24 12:51	10/12/24 16:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.9	0.62	ng/L		10/11/24 12:51	10/12/24 16:45	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.9	0.59	ng/L		10/11/24 12:51	10/12/24 16:45	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.9	0.61	ng/L		10/11/24 12:51	10/12/24 16:45	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.9	0.61	ng/L		10/11/24 12:51	10/12/24 16:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9	0.47	ng/L		10/11/24 12:51	10/12/24 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	99		70 - 130	10/11/24 12:51	10/12/24 16:45	1
13C2 PFDA	99		70 - 130	10/11/24 12:51	10/12/24 16:45	1
13C3 HFPO-DA	101		70 - 130	10/11/24 12:51	10/12/24 16:45	1
d5-NEtFOSAA	102		70 - 130	10/11/24 12:51	10/12/24 16:45	1

Method: EPA PFAS6 - PFAS6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PFAS Total	ND		2.00	0.500	ng/L			10/12/24 16:45	1

Surrogate Summary

Client: Housatonic Basin Sampling & Testing
 Project/Site: 1148000-241008

Job ID: 810-123581-1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		PFHxA (70-130)	PFDA (70-130)	HFPODA (70-130)	d5NEFOS (70-130)
810-123581-1	POE TOWN BROOK GP 02G	104	100	94	97
810-123581-2	POE TOWN BROOK GP 02G- FB	99	99	101	102
LLCS 810-118569/2-A	Lab Control Sample	106	108	101	108
MBL 810-118569/1-A	Method Blank	98	100	92	106

Surrogate Legend

- PFHxA = 13C2 PFHxA
- PFDA = 13C2 PFDA
- HFPODA = 13C3 HFPO-DA
- d5NEFOS = d5-NEtFOSAA



QC Sample Results

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Lab Sample ID: MBL 810-118569/1-A
Matrix: Drinking Water
Analysis Batch: 118628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118569

Analyte	MBL	MBL	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.53	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.63	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.63	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.63	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.50	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.60	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.44	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.71	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.52	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.48	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.65	ng/L		10/11/24 12:51	10/12/24 12:30	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.60	ng/L		10/11/24 12:51	10/12/24 12:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.62	ng/L		10/11/24 12:51	10/12/24 12:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.65	ng/L		10/11/24 12:51	10/12/24 12:30	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	0.62	ng/L		10/11/24 12:51	10/12/24 12:30	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		2.0	0.64	ng/L		10/11/24 12:51	10/12/24 12:30	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		2.0	0.64	ng/L		10/11/24 12:51	10/12/24 12:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.49	ng/L		10/11/24 12:51	10/12/24 12:30	1

Surrogate	MBL	MBL	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C2 PFHxA	98		70 - 130	10/11/24 12:51	10/12/24 12:30	1
13C2 PFDA	100		70 - 130	10/11/24 12:51	10/12/24 12:30	1
13C3 HFPO-DA	92		70 - 130	10/11/24 12:51	10/12/24 12:30	1
d5-NEtFOSAA	106		70 - 130	10/11/24 12:51	10/12/24 12:30	1

Lab Sample ID: LLCS 810-118569/2-A
Matrix: Drinking Water
Analysis Batch: 118628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118569

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.00	1.97	J	ng/L		98	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.99	J	ng/L		100	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.13		ng/L		107	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.01		ng/L		100	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.10		ng/L		105	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.75	J	ng/L		96	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.77	1.55	J	ng/L		87	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.01		ng/L		100	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.11		ng/L		105	50 - 150

Eurofins Eaton Analytical South Bend

QC Sample Results

Client: Housatonic Basin Sampling & Testing
 Project/Site: 1148000-241008

Job ID: 810-123581-1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: LLCS 810-118569/2-A

Matrix: Drinking Water

Analysis Batch: 118628

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 118569

Analyte	Spike	LLCS	LLCS	Unit	D	%Rec	%Rec Limits
	Added	Result	Qualifier				
Perfluorotetradecanoic acid (PFTeDA)	2.00	1.80	J	ng/L		90	50 - 150
Perfluorotridecanoic acid (PFTrDA)	2.00	1.92	J	ng/L		96	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	1.91	J	ng/L		96	50 - 150
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	1.98	J	ng/L		99	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	2.23		ng/L		112	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.76	J	ng/L		94	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.63	J	ng/L		86	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.87	J	ng/L		99	50 - 150
		LLCS	LLCS				
Surrogate		%Recovery	Qualifier				Limits
13C2 PFHxA		106					70 - 130
13C2 PFDA		108					70 - 130
13C3 HFPO-DA		101					70 - 130
d5-NEtFOSAA		108					70 - 130

QC Association Summary

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

LCMS

Prep Batch: 118569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-123581-1	POE TOWN BROOK GP 02G	Total/NA	Drinking Water	537.1 DW	
810-123581-2	POE TOWN BROOK GP 02G- FB	Total/NA	Drinking Water	537.1 DW	
MBL 810-118569/1-A	Method Blank	Total/NA	Drinking Water	537.1 DW	
LLCS 810-118569/2-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	

Analysis Batch: 118628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-123581-1	POE TOWN BROOK GP 02G	Total/NA	Drinking Water	537.1	118569
810-123581-2	POE TOWN BROOK GP 02G- FB	Total/NA	Drinking Water	537.1	118569
MBL 810-118569/1-A	Method Blank	Total/NA	Drinking Water	537.1	118569
LLCS 810-118569/2-A	Lab Control Sample	Total/NA	Drinking Water	537.1	118569

Analysis Batch: 119051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-123581-1	POE TOWN BROOK GP 02G	Total/NA	Drinking Water	PFAS6	
810-123581-2	POE TOWN BROOK GP 02G- FB	Total/NA	Drinking Water	PFAS6	



Lab Chronicle

Client: Housatonic Basin Sampling & Testing
 Project/Site: 1148000-241008

Job ID: 810-123581-1

Client Sample ID: POE TOWN BROOK GP 02G

Lab Sample ID: 810-123581-1

Date Collected: 10/03/24 09:20

Matrix: Drinking Water

Date Received: 10/09/24 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			118569	GZ	EA SB	10/11/24 12:51
Total/NA	Analysis	537.1		1	118628	ZK	EA SB	10/12/24 16:02
Total/NA	Analysis	PFAS6		1	119051	M1M	EA SB	10/12/24 16:02

Client Sample ID: POE TOWN BROOK GP 02G- FB

Lab Sample ID: 810-123581-2

Date Collected: 10/03/24 09:20

Matrix: Drinking Water

Date Received: 10/09/24 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			118569	GZ	EA SB	10/11/24 12:51
Total/NA	Analysis	537.1		1	118628	ZK	EA SB	10/12/24 16:45
Total/NA	Analysis	PFAS6		1	119051	M1M	EA SB	10/12/24 16:45

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



Accreditation/Certification Summary

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

Laboratory: Eurofins Eaton Analytical South Bend

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Massachusetts	State	M-IN035	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
PFAS6		Drinking Water	PFAS Total

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

Method	Method Description	Protocol	Laboratory
537.1	Perfluorinated Alkyl Acids (LC/MS)	EPA	EA SB
PFAS6	PFAS6	EPA	EA SB
537.1 DW	Extraction of Perfluorinated Alkyl Acids	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



Sample Summary

Client: Housatonic Basin Sampling & Testing
Project/Site: 1148000-241008

Job ID: 810-123581-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
810-123581-1	POE TOWN BROOK GP 02G	Drinking Water	10/03/24 09:20	10/09/24 09:15	MA1148000
810-123581-2	POE TOWN BROOK GP 02G- FB	Drinking Water	10/03/24 09:20	10/09/24 09:15	MA1148000

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Red Everest
Cover

SAMPLE COLLECTION RECORD | CHAIN OF CUSTODY | EUROFINS EATON ANALYTICAL

PWS NAME: LANESBOROUGH FIRE WATER DISTRICT		80 RUN WAY LEE, MA 01238 (413)248-4622	
PWS ID: 1148000	HBST P.O. # 1148000-241008		
PWS TOWN: Lanesborough	# of WO: 2		
PWS CLASS: COM			



SAMPLE INFORMATION			FIELD RECORDED					MICRO BIOLOGY		CHEMICAL ANALYSIS					
ID	LOCATION DESCRIPTION	DATE/TIME	SAMPLER	Field Temp °F	Field pH	Field Turbidity (NTU)	Field UV Absorb 254	Field UV Transmitt 254	Ch2 Res (Free)	BACTERIA HPC	BACTERIA 9223 P/A	BACTERIA 9223 QT	PFAS 537.1	PFAS Blank	Preserved Na2S2O3
[10001]	POE TOWN BROOK GP 02G-	10/3/24 9:20 AM	Erick Bartlett										X	X	



810-123581 Chain of Custody

CUSTODY TRANSFER		DATE/TIME	INITIALS	NOTES
SAMPLER	<i>[Signature]</i>	10/3/24	Initial Temp: 2.4	
RECEIVED	<i>[Signature]</i>	10/8/24	Corrected Temp: 2.8	
RELINQUISHED			R Gun # 054487	
RECEIVED	<i>Kenneth Williams</i>	10/16/24		
RELINQUISHED		10/16/24		

Note: Submit via EDEP unless designated Private or otherwise noted. Email report to: Admin@HousatonicBasin.com. Lab testing shall be in compliance with all State and Federal Drinking Water and applicable regulations.



Login Sample Receipt Checklist

Client: Housatonic Basin Sampling & Testing

Job Number: 810-123581-1

Login Number: 123581

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Williams, Kameron

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	