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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kirk Moline
CT Male Associates DPC
50 Century Hill Dr
Latham, New York 12110

Generated 6/9/2023 4:38:45 PM

JOB DESCRIPTION

Hoosick Falls WTP
SDG NUMBER HOO

JOB NUMBER

410-124754-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
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Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is 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.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Table of Contents

Definitions/Glossary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Qualifiers

LCMS

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
cn	Refer to Case Narrative for further detail
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Job ID: 410-124754-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-124754-1

Receipt
The samples were received on 4/29/2023 10:00 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 1.0°C

PFAS
Method 537_DW: The recovery for the following target compound(s): Perfluorotetradecanoic acid in the laboratory control samples associated with the following samples: GAC INFLUENT (410-124754-1), GAC MIDFLUENT (410-124754-2), GAC EFFLUENT (410-124754-3), PV-01_25 (410-124754-4), PV-01_50 (410-124754-5), PV-01_75 (410-124754-6), FTB01-230427 (410-124754-7) and LTB01-230427 (410-124754-8) is outside of QC acceptance limits. Because the recovery is high, and the associated target compound(s) is not detected in the sample(s), the result(s) is reported.

Method PFC_IDA: The recovery for target analyte 6:2 Fluorotelomer sulfonic acid is outside the QC acceptance limits in the closing continuing calibration verification standard. Since the result is high and target 6:2 Fluorotelomer sulfonic acid is not detected in the following samples: GAC INFLUENT (410-124754-1), GAC MIDFLUENT (410-124754-2) and GAC EFFLUENT (410-124754-3), the data is reported.

Method PFC_IDA: The recovery for target analyte 6:2 Fluorotelomer sulfonic acid is outside the QC acceptance limits in the opening continuing calibration verification standard. Since the result is high and target 6:2 Fluorotelomer sulfonic acid is not detected in the following samples: PV-01_25 (410-124754-4), PV-01_50 (410-124754-5), PV-01_75 (410-124754-6), FTB01-230427 (410-124754-7) and LTB01-230427 (410-124754-8), the data is reported.

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

Detection Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Client Sample ID: GAC INFLUENT — Lab Sample ID: 410-124754-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	3.5		1.8		ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	2.7		1.8		ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	9.8		1.8		ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	11		1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	3.1		1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	370		18		ng/L	10		537 DW	Total/NA

Client Sample ID: GAC MIDFLUENT — Lab Sample ID: 410-124754-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	6.3		1.8		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: GAC EFFLUENT — Lab Sample ID: 410-124754-3

No Detections.

Client Sample ID: PV-01_25 — Lab Sample ID: 410-124754-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	1.8		1.8		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: PV-01_50 — Lab Sample ID: 410-124754-5

No Detections.

Client Sample ID: PV-01_75 — Lab Sample ID: 410-124754-6

No Detections.

Client Sample ID: FTB01-230427 — Lab Sample ID: 410-124754-7

No Detections.

Client Sample ID: LTB01-230427 — Lab Sample ID: 410-124754-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GAC INFLUENT

Date Collected: 04/27/23 12:45
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-1

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.8	U cn	1.8		ng/L		05/23/23 07:15	06/07/23 05:00	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:00	1
Perfluorobutanoic acid	**3.5**		1.8		ng/L		05/23/23 07:15	06/07/23 05:00	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:00	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:00	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:00	1
Perfluoropentanoic acid	**2.7**		1.8		ng/L		05/23/23 07:15	06/07/23 05:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*62*		*17 - 200*	*05/23/23 07:15*	*06/07/23 05:00*	*1*
M2-8:2 FTS	*67*		*33 - 200*	*05/23/23 07:15*	*06/07/23 05:00*	*1*
13C4 PFBA	*74*		*42 - 165*	*05/23/23 07:15*	*06/07/23 05:00*	*1*
13C5 PFPeA	*71*		*38 - 187*	*05/23/23 07:15*	*06/07/23 05:00*	*1*
13C8 PFOS	*78*		*51 - 159*	*05/23/23 07:15*	*06/07/23 05:00*	*1*
13C8 FOSA	*71*		*10 - 168*	*05/23/23 07:15*	*06/07/23 05:00*	*1*
13C3 PFHxS	*84*		*28 - 188*	*05/23/23 07:15*	*06/07/23 05:00*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**9.8**		1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluoroheptanoic acid	**11**		1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorotetradecanoic acid	1.8	U *+ cn	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorooctanesulfonic acid	**3.1**		1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
NEtFOSAA	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
NMeFOSAA	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*97*		*70 - 130*	*05/01/23 15:11*	*05/05/23 22:30*	*1*
13C2 PFDA	*120*		*70 - 130*	*05/01/23 15:11*	*05/05/23 22:30*	*1*
13C2 PFHxA	*126*		*70 - 130*	*05/01/23 15:11*	*05/05/23 22:30*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS) - DL

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	**370**		18		ng/L		05/01/23 15:11	05/08/23 12:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*86*		*70 - 130*	*05/01/23 15:11*	*05/08/23 12:19*	*10*
13C2 PFDA	*100*		*70 - 130*	*05/01/23 15:11*	*05/08/23 12:19*	*10*
13C2 PFHxA	*112*		*70 - 130*	*05/01/23 15:11*	*05/08/23 12:19*	*10*

Client Sample ID: GAC MIDFLUENT

Date Collected: 04/27/23 12:55
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-2

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.8	U cn	1.8		ng/L		05/23/23 07:15	06/07/23 05:11	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:11	1
Perfluorobutanoic acid	**6.3**		1.8		ng/L		05/23/23 07:15	06/07/23 05:11	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:11	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:11	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:11	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*74*		*17 - 200*	*05/23/23 07:15*	*06/07/23 05:11*	*1*
M2-8:2 FTS	*73*		*33 - 200*	*05/23/23 07:15*	*06/07/23 05:11*	*1*
13C4 PFBA	*84*		*42 - 165*	*05/23/23 07:15*	*06/07/23 05:11*	*1*
13C5 PFPeA	*79*		*38 - 187*	*05/23/23 07:15*	*06/07/23 05:11*	*1*
13C8 PFOS	*80*		*51 - 159*	*05/23/23 07:15*	*06/07/23 05:11*	*1*
13C8 FOSA	*78*		*10 - 168*	*05/23/23 07:15*	*06/07/23 05:11*	*1*
13C3 PFHxS	*80*		*28 - 188*	*05/23/23 07:15*	*06/07/23 05:11*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorotetradecanoic acid	1.8	U *+ cn	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
NEtFOSAA	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
NMeFOSAA	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/05/23 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*		*70 - 130*	*05/01/23 15:11*	*05/05/23 22:41*	*1*
13C2 PFDA	*91*		*70 - 130*	*05/01/23 15:11*	*05/05/23 22:41*	*1*
13C2 PFHxA	*106*		*70 - 130*	*05/01/23 15:11*	*05/05/23 22:41*	*1*

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Client Sample ID: GAC EFFLUENT

Date Collected: 04/27/23 13:10
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-3

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.8	U cn	1.8		ng/L		05/23/23 07:15	06/07/23 05:22	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:22	1
Perfluorobutanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:22	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:22	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:22	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:22	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*73*		*17 - 200*	*05/23/23 07:15*	*06/07/23 05:22*	*1*
M2-8:2 FTS	*72*		*33 - 200*	*05/23/23 07:15*	*06/07/23 05:22*	*1*
13C4 PFBA	*79*		*42 - 165*	*05/23/23 07:15*	*06/07/23 05:22*	*1*
13C5 PFPeA	*82*		*38 - 187*	*05/23/23 07:15*	*06/07/23 05:22*	*1*
13C8 PFOS	*84*		*51 - 159*	*05/23/23 07:15*	*06/07/23 05:22*	*1*
13C8 FOSA	*76*		*10 - 168*	*05/23/23 07:15*	*06/07/23 05:22*	*1*
13C3 PFHxS	*81*		*28 - 188*	*05/23/23 07:15*	*06/07/23 05:22*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorotetradecanoic acid	1.7	U *+ cn	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
NEtFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
NMeFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:05*	*1*
13C2 PFDA	*93*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:05*	*1*
13C2 PFHxA	*108*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:05*	*1*

Client Sample ID: PV-01_25

Date Collected: 04/27/23 13:20
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-4

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.8	U cn	1.8		ng/L		05/23/23 07:15	06/07/23 05:44	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:44	1
Perfluorobutanoic acid	**1.8**		1.8		ng/L		05/23/23 07:15	06/07/23 05:44	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:44	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:44	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:44	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 05:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*67*		*17 - 200*	*05/23/23 07:15*	*06/07/23 05:44*	*1*
M2-8:2 FTS	*70*		*33 - 200*	*05/23/23 07:15*	*06/07/23 05:44*	*1*
13C4 PFBA	*74*		*42 - 165*	*05/23/23 07:15*	*06/07/23 05:44*	*1*
13C5 PFPeA	*71*		*38 - 187*	*05/23/23 07:15*	*06/07/23 05:44*	*1*
13C8 PFOS	*80*		*51 - 159*	*05/23/23 07:15*	*06/07/23 05:44*	*1*
13C8 FOSA	*69*		*10 - 168*	*05/23/23 07:15*	*06/07/23 05:44*	*1*
13C3 PFHxS	*73*		*28 - 188*	*05/23/23 07:15*	*06/07/23 05:44*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorotetradecanoic acid	1.7	U *+ cn	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
NEtFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
NMeFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*97*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:16*	*1*
13C2 PFDA	*87*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:16*	*1*
13C2 PFHxA	*107*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:16*	*1*

Client Sample ID: PV-01_50

Date Collected: 04/27/23 13:30
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-5

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.6	U cn	1.6		ng/L		05/23/23 07:15	06/07/23 05:55	1
8:2 Fluorotelomer sulfonic acid	1.6	U	1.6		ng/L		05/23/23 07:15	06/07/23 05:55	1
Perfluorobutanoic acid	1.6	U	1.6		ng/L		05/23/23 07:15	06/07/23 05:55	1
Perfluorodecanesulfonic acid	1.6	U	1.6		ng/L		05/23/23 07:15	06/07/23 05:55	1
Perfluoroheptanesulfonic acid	1.6	U	1.6		ng/L		05/23/23 07:15	06/07/23 05:55	1
Perfluorooctanesulfonamide	1.6	U	1.6		ng/L		05/23/23 07:15	06/07/23 05:55	1
Perfluoropentanoic acid	1.6	U	1.6		ng/L		05/23/23 07:15	06/07/23 05:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*70*		*17 - 200*	*05/23/23 07:15*	*06/07/23 05:55*	*1*
M2-8:2 FTS	*67*		*33 - 200*	*05/23/23 07:15*	*06/07/23 05:55*	*1*
13C4 PFBA	*77*		*42 - 165*	*05/23/23 07:15*	*06/07/23 05:55*	*1*
13C5 PFPeA	*77*		*38 - 187*	*05/23/23 07:15*	*06/07/23 05:55*	*1*
13C8 PFOS	*83*		*51 - 159*	*05/23/23 07:15*	*06/07/23 05:55*	*1*
13C8 FOSA	*72*		*10 - 168*	*05/23/23 07:15*	*06/07/23 05:55*	*1*
13C3 PFHxS	*83*		*28 - 188*	*05/23/23 07:15*	*06/07/23 05:55*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorotetradecanoic acid	1.7	U *+ cn	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
NEtFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
NMeFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*94*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:28*	*1*
13C2 PFDA	*90*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:28*	*1*
13C2 PFHxA	*108*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:28*	*1*

Client Sample ID: PV-01_75

Date Collected: 04/27/23 13:40
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-6

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.8	U cn	1.8		ng/L		05/23/23 07:15	06/07/23 06:06	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:06	1
Perfluorobutanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:06	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:06	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:06	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:06	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*73*		*17 - 200*	*05/23/23 07:15*	*06/07/23 06:06*	*1*
M2-8:2 FTS	*65*		*33 - 200*	*05/23/23 07:15*	*06/07/23 06:06*	*1*
13C4 PFBA	*73*		*42 - 165*	*05/23/23 07:15*	*06/07/23 06:06*	*1*
13C5 PFPeA	*69*		*38 - 187*	*05/23/23 07:15*	*06/07/23 06:06*	*1*
13C8 PFOS	*80*		*51 - 159*	*05/23/23 07:15*	*06/07/23 06:06*	*1*
13C8 FOSA	*68*		*10 - 168*	*05/23/23 07:15*	*06/07/23 06:06*	*1*
13C3 PFHxS	*77*		*28 - 188*	*05/23/23 07:15*	*06/07/23 06:06*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorotetradecanoic acid	1.7	U *+ cn	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
NEtFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
NMeFOSAA	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		05/01/23 15:11	05/05/23 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*97*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:39*	*1*
13C2 PFDA	*93*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:39*	*1*
13C2 PFHxA	*99*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:39*	*1*

Client Sample ID: FTB01-230427

Date Collected: 04/27/23 13:45
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-7

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.9	U cn	1.9		ng/L		05/23/23 07:15	06/07/23 06:17	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9		ng/L		05/23/23 07:15	06/07/23 06:17	1
Perfluorobutanoic acid	1.9	U	1.9		ng/L		05/23/23 07:15	06/07/23 06:17	1
Perfluorodecanesulfonic acid	1.9	U	1.9		ng/L		05/23/23 07:15	06/07/23 06:17	1
Perfluoroheptanesulfonic acid	1.9	U	1.9		ng/L		05/23/23 07:15	06/07/23 06:17	1
Perfluorooctanesulfonamide	1.9	U	1.9		ng/L		05/23/23 07:15	06/07/23 06:17	1
Perfluoropentanoic acid	1.9	U	1.9		ng/L		05/23/23 07:15	06/07/23 06:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*71*		*17 - 200*	*05/23/23 07:15*	*06/07/23 06:17*	*1*
M2-8:2 FTS	*59*		*33 - 200*	*05/23/23 07:15*	*06/07/23 06:17*	*1*
13C4 PFBA	*76*		*42 - 165*	*05/23/23 07:15*	*06/07/23 06:17*	*1*
13C5 PFPeA	*75*		*38 - 187*	*05/23/23 07:15*	*06/07/23 06:17*	*1*
13C8 PFOS	*78*		*51 - 159*	*05/23/23 07:15*	*06/07/23 06:17*	*1*
13C8 FOSA	*65*		*10 - 168*	*05/23/23 07:15*	*06/07/23 06:17*	*1*
13C3 PFHxS	*72*		*28 - 188*	*05/23/23 07:15*	*06/07/23 06:17*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluoroheptanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorooctanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorononanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorodecanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorotridecanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorotetradecanoic acid	1.9	U *+ cn	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorobutanesulfonic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorohexanesulfonic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorooctanesulfonic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
NEtFOSAA	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
NMeFOSAA	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluoroundecanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1
Perfluorododecanoic acid	1.9	U	1.9		ng/L		05/01/23 15:11	05/05/23 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*110*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:51*	*1*
13C2 PFDA	*93*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:51*	*1*
13C2 PFHxA	*101*		*70 - 130*	*05/01/23 15:11*	*05/05/23 23:51*	*1*

Client Sample ID: LTB01-230427

Date Collected: 04/27/23 00:00
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-8

Matrix: Water

Method: EPA 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.8	U cn	1.8		ng/L		05/23/23 07:15	06/07/23 06:29	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:29	1
Perfluorobutanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:29	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:29	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:29	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:29	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/23/23 07:15	06/07/23 06:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*72*		*17 - 200*	*05/23/23 07:15*	*06/07/23 06:29*	*1*
M2-8:2 FTS	*65*		*33 - 200*	*05/23/23 07:15*	*06/07/23 06:29*	*1*
13C4 PFBA	*76*		*42 - 165*	*05/23/23 07:15*	*06/07/23 06:29*	*1*
13C5 PFPeA	*77*		*38 - 187*	*05/23/23 07:15*	*06/07/23 06:29*	*1*
13C8 PFOS	*78*		*51 - 159*	*05/23/23 07:15*	*06/07/23 06:29*	*1*
13C8 FOSA	*76*		*10 - 168*	*05/23/23 07:15*	*06/07/23 06:29*	*1*
13C3 PFHxS	*79*		*28 - 188*	*05/23/23 07:15*	*06/07/23 06:29*	*1*

Method: EPA 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorotetradecanoic acid	1.8	U *+ cn	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
NEtFOSAA	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
NMeFOSAA	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		05/01/23 15:11	05/06/23 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*105*		*70 - 130*	*05/01/23 15:11*	*05/06/23 00:02*	*1*
13C2 PFDA	*87*		*70 - 130*	*05/01/23 15:11*	*05/06/23 00:02*	*1*
13C2 PFHxA	*105*		*70 - 130*	*05/01/23 15:11*	*05/06/23 00:02*	*1*

Surrogate Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS	PFDA	PFHxA
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
410-124754-1	GAC INFLUENT	97	120	126
410-124754-1 - DL	GAC INFLUENT	86	100	112
410-124754-2	GAC MIDFLUENT	100	91	106
410-124754-3	GAC EFFLUENT	96	93	108
410-124754-4	PV-01_25	97	87	107
410-124754-5	PV-01_50	94	90	108
410-124754-6	PV-01_75	97	93	99
410-124754-7	FTB01-230427	110	93	101
410-124754-8	LTB01-230427	105	87	105
LCS 410-370663/2-A	Lab Control Sample	90	102	100
LCSD 410-370663/3-A	Lab Control Sample Dup	91	99	99
LLCS 410-370663/4-A	Lab Control Sample	94	88	98
MB 410-370663/1-A	Method Blank	88	98	103

Surrogate Legend

d5NEFOS = d5-NEtFOSAA
PFDA = 13C2 PFDA
PFHxA = 13C2 PFHxA

Isotope Dilution Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	M262FTS (17-200)	M282FTS (33-200)	PFBA (42-165)	PFPeA (38-187)	C8PFOS (51-159)	PFOSA (10-168)	C3PFHS (28-188)
410-124754-1	GAC INFLUENT	62	67	74	71	78	71	84
410-124754-2	GAC MIDFLUENT	74	73	84	79	80	78	80
410-124754-3	GAC EFFLUENT	73	72	79	82	84	76	81
410-124754-4	PV-01_25	67	70	74	71	80	69	73
410-124754-5	PV-01_50	70	67	77	77	83	72	83
410-124754-6	PV-01_75	73	65	73	69	80	68	77
410-124754-7	FTB01-230427	71	59	76	75	78	65	72
410-124754-8	LTB01-230427	72	65	76	77	78	76	79
LCS 410-378830/3-A	Lab Control Sample	67	62	79	84	85	72	77
LCSD 410-378830/4-A	Lab Control Sample Dup	67	72	83	84	85	79	76
MB 410-378830/1-A	Method Blank	70	59	75	79	82	66	75

Surrogate Legend

M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
C3PFHS = 13C3 PFHxS

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Lab Sample ID: MB 410-378830/1-A
Matrix: Water
Analysis Batch: 383491

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 378830

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	2.0	U	2.0		ng/L		05/23/23 07:15	06/07/23 03:09	1
8:2 Fluorotelomer sulfonic acid	2.0	U	2.0		ng/L		05/23/23 07:15	06/07/23 03:09	1
Perfluorobutanoic acid	2.0	U	2.0		ng/L		05/23/23 07:15	06/07/23 03:09	1
Perfluorodecanesulfonic acid	2.0	U	2.0		ng/L		05/23/23 07:15	06/07/23 03:09	1
Perfluoroheptanesulfonic acid	2.0	U	2.0		ng/L		05/23/23 07:15	06/07/23 03:09	1
Perfluorooctanesulfonamide	2.0	U	2.0		ng/L		05/23/23 07:15	06/07/23 03:09	1
Perfluoropentanoic acid	2.0	U	2.0		ng/L		05/23/23 07:15	06/07/23 03:09	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*70*		*17 - 200*	*05/23/23 07:15*	*06/07/23 03:09*	*1*
M2-8:2 FTS	*59*		*33 - 200*	*05/23/23 07:15*	*06/07/23 03:09*	*1*
13C4 PFBA	*75*		*42 - 165*	*05/23/23 07:15*	*06/07/23 03:09*	*1*
13C5 PFPeA	*79*		*38 - 187*	*05/23/23 07:15*	*06/07/23 03:09*	*1*
13C8 PFOS	*82*		*51 - 159*	*05/23/23 07:15*	*06/07/23 03:09*	*1*
13C8 FOSA	*66*		*10 - 168*	*05/23/23 07:15*	*06/07/23 03:09*	*1*
13C3 PFHxS	*75*		*28 - 188*	*05/23/23 07:15*	*06/07/23 03:09*	*1*

Lab Sample ID: LCS 410-378830/3-A
Matrix: Water
Analysis Batch: 383491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 378830

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
6:2 Fluorotelomer sulfonic acid			24.3	29.0		ng/L		119	28 - 173		
8:2 Fluorotelomer sulfonic acid			24.5	29.2		ng/L		119	55 - 138		
Perfluorobutanoic acid			25.6	25.2		ng/L		98	59 - 136		
Perfluorodecanesulfonic acid			24.7	28.2		ng/L		114	55 - 137		
Perfluoroheptanesulfonic acid			24.4	25.5		ng/L		105	56 - 140		
Perfluorooctanesulfonamide			25.6	24.3		ng/L		95	43 - 167		
Perfluoropentanoic acid			25.6	25.8		ng/L		101	57 - 141		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*67*		*17 - 200*
M2-8:2 FTS	*62*		*33 - 200*
13C4 PFBA	*79*		*42 - 165*
13C5 PFPeA	*84*		*38 - 187*
13C8 PFOS	*85*		*51 - 159*
13C8 FOSA	*72*		*10 - 168*
13C3 PFHxS	*77*		*28 - 188*

Lab Sample ID: LCSD 410-378830/4-A
Matrix: Water
Analysis Batch: 383491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 378830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
6:2 Fluorotelomer sulfonic acid			24.3	28.6		ng/L		118	28 - 173	1	30
8:2 Fluorotelomer sulfonic acid			24.5	30.5		ng/L		124	55 - 138	4	30
Perfluorobutanoic acid			25.6	25.2		ng/L		98	59 - 136	0	30
Perfluorodecanesulfonic acid			24.7	27.1		ng/L		110	55 - 137	4	30
Perfluoroheptanesulfonic acid			24.4	27.0		ng/L		111	56 - 140	6	30

Method: 537 (Mod) - EPA 537 Version 1.1 modified (Continued)

Lab Sample ID: LCSD 410-378830/4-A
Matrix: Water
Analysis Batch: 383491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 378830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide			25.6	25.9		ng/L		101	43 - 167	6	30
Perfluoropentanoic acid			25.6	26.4		ng/L		103	57 - 141	2	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
M2-6:2 FTS	*67*		*17 - 200*
M2-8:2 FTS	*72*		*33 - 200*
13C4 PFBA	*83*		*42 - 165*
13C5 PFPeA	*84*		*38 - 187*
13C8 PFOS	*85*		*51 - 159*
13C8 FOSA	*79*		*10 - 168*
13C3 PFHxS	*76*		*28 - 188*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Lab Sample ID: MB 410-370663/1-A
Matrix: Water
Analysis Batch: 372692

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370663

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluoroheptanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorooctanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorononanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorodecanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorotridecanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorotetradecanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorobutanesulfonic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorohexanesulfonic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorooctanesulfonic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
NEtFOSAA	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
NMeFOSAA	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluoroundecanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1
Perfluorododecanoic acid	2.0	U	2.0		ng/L		05/01/23 15:11	05/05/23 20:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*88*		*70 - 130*	*05/01/23 15:11*	*05/05/23 20:11*	*1*
13C2 PFDA	*98*		*70 - 130*	*05/01/23 15:11*	*05/05/23 20:11*	*1*
13C2 PFHxA	*103*		*70 - 130*	*05/01/23 15:11*	*05/05/23 20:11*	*1*

Lab Sample ID: LCS 410-370663/2-A
Matrix: Water
Analysis Batch: 372692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370663

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorohexanoic acid			80.0	73.4		ng/L		92	70 - 130		
Perfluoroheptanoic acid			80.0	78.4		ng/L		98	70 - 130		
Perfluorooctanoic acid			80.0	75.5		ng/L		94	70 - 130		
Perfluorononanoic acid			80.0	77.0		ng/L		96	70 - 130		
Perfluorodecanoic acid			80.0	72.6		ng/L		91	70 - 130		

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: LCS 410-370663/2-A
Matrix: Water
Analysis Batch: 372692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370663

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid	80.0	74.7		ng/L		93	70 - 130
Perfluorotetradecanoic acid	80.0	105	E *+	ng/L		131	70 - 130
Perfluorobutanesulfonic acid	70.8	69.2		ng/L		98	70 - 130
Perfluorohexanesulfonic acid	73.0	74.0	E	ng/L		101	70 - 130
Perfluorooctanesulfonic acid	74.0	71.0		ng/L		96	70 - 130
NEtFOSAA	80.0	68.0		ng/L		85	70 - 130
NMeFOSAA	80.0	72.4		ng/L		91	70 - 130
Perfluoroundecanoic acid	80.0	70.7		ng/L		88	70 - 130
Perfluorododecanoic acid	80.0	76.8		ng/L		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*90*		*70 - 130*
13C2 PFDA	*102*		*70 - 130*
13C2 PFHxA	*100*		*70 - 130*

Lab Sample ID: LCSD 410-370663/3-A
Matrix: Water
Analysis Batch: 372692

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 370663

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	80.0	75.0		ng/L		94	70 - 130	2	30
Perfluoroheptanoic acid	80.0	80.7	E	ng/L		101	70 - 130	3	30
Perfluorooctanoic acid	80.0	77.4		ng/L		97	70 - 130	2	30
Perfluorononanoic acid	80.0	80.8	E	ng/L		101	70 - 130	5	30
Perfluorodecanoic acid	80.0	76.3		ng/L		95	70 - 130	5	30
Perfluorotridecanoic acid	80.0	78.5		ng/L		98	70 - 130	5	30
Perfluorotetradecanoic acid	80.0	107	*+ E	ng/L		134	70 - 130	2	30
Perfluorobutanesulfonic acid	70.8	60.4		ng/L		85	70 - 130	14	30
Perfluorohexanesulfonic acid	73.0	68.6		ng/L		94	70 - 130	7	30
Perfluorooctanesulfonic acid	74.0	69.2		ng/L		93	70 - 130	3	30
NEtFOSAA	80.0	69.8		ng/L		87	70 - 130	3	30
NMeFOSAA	80.0	73.5		ng/L		92	70 - 130	2	30
Perfluoroundecanoic acid	80.0	73.0		ng/L		91	70 - 130	3	30
Perfluorododecanoic acid	80.0	79.9		ng/L		100	70 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*91*		*70 - 130*
13C2 PFDA	*99*		*70 - 130*
13C2 PFHxA	*99*		*70 - 130*

Lab Sample ID: LLCS 410-370663/4-A
Matrix: Water
Analysis Batch: 372692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370663

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	1.92	1.76	J	ng/L		92	50 - 150
Perfluoroheptanoic acid	1.92	1.92	J	ng/L		100	50 - 150
Perfluorooctanoic acid	1.92	1.85	J	ng/L		96	50 - 150

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: LLCS 410-370663/4-A
Matrix: Water
Analysis Batch: 372692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370663

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid	1.92	1.85	J	ng/L		97	50 - 150
Perfluorodecanoic acid	1.92	1.62	J	ng/L		85	50 - 150
Perfluorotridecanoic acid	1.92	1.64	J	ng/L		86	50 - 150
Perfluorotetradecanoic acid	1.92	2.39		ng/L		125	50 - 150
Perfluorobutanesulfonic acid	1.70	1.55	J	ng/L		91	50 - 150
Perfluorohexanesulfonic acid	1.75	1.68	J	ng/L		96	50 - 150
Perfluorooctanesulfonic acid	1.78	1.68	J	ng/L		95	50 - 150
NEtFOSAA	1.92	1.97	J	ng/L		102	50 - 150
NMeFOSAA	1.92	1.93	J	ng/L		101	50 - 150
Perfluoroundecanoic acid	1.92	1.65	J	ng/L		86	50 - 150
Perfluorododecanoic acid	1.92	1.75	J	ng/L		91	50 - 150

Surrogate	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
d5-NEtFOSAA	*94*		*70 - 130*
13C2 PFDA	*88*		*70 - 130*
13C2 PFHxA	*98*		*70 - 130*

LCMS

Prep Batch: 370663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-124754-1	GAC INFLUENT	Total/NA	Water	537 DW	
410-124754-1 - DL	GAC INFLUENT	Total/NA	Water	537 DW	
410-124754-2	GAC MIDFLUENT	Total/NA	Water	537 DW	
410-124754-3	GAC EFFLUENT	Total/NA	Water	537 DW	
410-124754-4	PV-01_25	Total/NA	Water	537 DW	
410-124754-5	PV-01_50	Total/NA	Water	537 DW	
410-124754-6	PV-01_75	Total/NA	Water	537 DW	
410-124754-7	FTB01-230427	Total/NA	Water	537 DW	
410-124754-8	LTB01-230427	Total/NA	Water	537 DW	
MB 410-370663/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-370663/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-370663/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	
LLCS 410-370663/4-A	Lab Control Sample	Total/NA	Water	537 DW	

Analysis Batch: 372692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-124754-1	GAC INFLUENT	Total/NA	Water	537 DW	370663
410-124754-2	GAC MIDFLUENT	Total/NA	Water	537 DW	370663
410-124754-3	GAC EFFLUENT	Total/NA	Water	537 DW	370663
410-124754-4	PV-01_25	Total/NA	Water	537 DW	370663
410-124754-5	PV-01_50	Total/NA	Water	537 DW	370663
410-124754-6	PV-01_75	Total/NA	Water	537 DW	370663
410-124754-7	FTB01-230427	Total/NA	Water	537 DW	370663
410-124754-8	LTB01-230427	Total/NA	Water	537 DW	370663
MB 410-370663/1-A	Method Blank	Total/NA	Water	537 DW	370663
LCS 410-370663/2-A	Lab Control Sample	Total/NA	Water	537 DW	370663
LCSD 410-370663/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	370663
LLCS 410-370663/4-A	Lab Control Sample	Total/NA	Water	537 DW	370663

Analysis Batch: 373247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-124754-1 - DL	GAC INFLUENT	Total/NA	Water	537 DW	370663

Prep Batch: 378830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-124754-1	GAC INFLUENT	Total/NA	Water	SPE	
410-124754-2	GAC MIDFLUENT	Total/NA	Water	SPE	
410-124754-3	GAC EFFLUENT	Total/NA	Water	SPE	
410-124754-4	PV-01_25	Total/NA	Water	SPE	
410-124754-5	PV-01_50	Total/NA	Water	SPE	
410-124754-6	PV-01_75	Total/NA	Water	SPE	
410-124754-7	FTB01-230427	Total/NA	Water	SPE	
410-124754-8	LTB01-230427	Total/NA	Water	SPE	
MB 410-378830/1-A	Method Blank	Total/NA	Water	SPE	
LCS 410-378830/3-A	Lab Control Sample	Total/NA	Water	SPE	
LCSD 410-378830/4-A	Lab Control Sample Dup	Total/NA	Water	SPE	

Analysis Batch: 383491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-124754-1	GAC INFLUENT	Total/NA	Water	537 (Mod)	378830
410-124754-2	GAC MIDFLUENT	Total/NA	Water	537 (Mod)	378830

LCMS (Continued)

Analysis Batch: 383491 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-124754-3	GAC EFFLUENT	Total/NA	Water	537 (Mod)	378830
410-124754-4	PV-01_25	Total/NA	Water	537 (Mod)	378830
410-124754-5	PV-01_50	Total/NA	Water	537 (Mod)	378830
410-124754-6	PV-01_75	Total/NA	Water	537 (Mod)	378830
410-124754-7	FTB01-230427	Total/NA	Water	537 (Mod)	378830
410-124754-8	LTB01-230427	Total/NA	Water	537 (Mod)	378830
MB 410-378830/1-A	Method Blank	Total/NA	Water	537 (Mod)	378830
LCS 410-378830/3-A	Lab Control Sample	Total/NA	Water	537 (Mod)	378830
LCSD 410-378830/4-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	378830

Lab Chronicle

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Client Sample ID: GAC INFLUENT
Lab Sample ID: 410-124754-1
Date Collected: 04/27/23 12:45
Matrix: Water
Date Received: 04/29/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 05:00
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/05/23 22:30
Total/NA	Prep	537 DW	DL		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	DL	10	373247	DCS9	ELLE	05/08/23 12:19

Client Sample ID: GAC MIDFLUENT
Lab Sample ID: 410-124754-2
Date Collected: 04/27/23 12:55
Matrix: Water
Date Received: 04/29/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 05:11
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/05/23 22:41

Client Sample ID: GAC EFFLUENT
Lab Sample ID: 410-124754-3
Date Collected: 04/27/23 13:10
Matrix: Water
Date Received: 04/29/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 05:22
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/05/23 23:05

Client Sample ID: PV-01_25
Lab Sample ID: 410-124754-4
Date Collected: 04/27/23 13:20
Matrix: Water
Date Received: 04/29/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 05:44
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/05/23 23:16

Client Sample ID: PV-01_50
Lab Sample ID: 410-124754-5
Date Collected: 04/27/23 13:30
Matrix: Water
Date Received: 04/29/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 05:55
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/05/23 23:28

Lab Chronicle

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Client Sample ID: PV-01_75
Date Collected: 04/27/23 13:40
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 06:06
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/05/23 23:39

Client Sample ID: FTB01-230427
Date Collected: 04/27/23 13:45
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 06:17
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/05/23 23:51

Client Sample ID: LTB01-230427
Date Collected: 04/27/23 00:00
Date Received: 04/29/23 10:00

Lab Sample ID: 410-124754-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			378830	M4QQ	ELLE	05/23/23 07:15
Total/NA	Analysis	537 (Mod)		1	383491	DTA4	ELLE	06/07/23 06:29
Total/NA	Prep	537 DW			370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW		1	372692	DCS9	ELLE	05/06/23 00:02

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-24

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
537 (Mod)	SPE	Water	6:2 Fluorotelomer sulfonic acid
537 (Mod)	SPE	Water	8:2 Fluorotelomer sulfonic acid
537 (Mod)	SPE	Water	Perfluorobutanoic acid
537 (Mod)	SPE	Water	Perfluorodecanesulfonic acid
537 (Mod)	SPE	Water	Perfluoroheptanesulfonic acid
537 (Mod)	SPE	Water	Perfluorooctanesulfonamide
537 (Mod)	SPE	Water	Perfluoropentanoic acid

Method Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Method	Method Description	Protocol	Laboratory
537 (Mod)	EPA 537 Version 1.1 modified	EPA	ELLE
537 DW	Perfluorinated Alkyl Acids (LC/MS)	EPA	ELLE
537 DW	Extraction of Perfluorinated Alkyl Acids	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-124754-1
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-124754-1	GAC INFLUENT	Water	04/27/23 12:45	04/29/23 10:00
410-124754-2	GAC MIDFLUENT	Water	04/27/23 12:55	04/29/23 10:00
410-124754-3	GAC EFFLUENT	Water	04/27/23 13:10	04/29/23 10:00
410-124754-4	PV-01_25	Water	04/27/23 13:20	04/29/23 10:00
410-124754-5	PV-01_50	Water	04/27/23 13:30	04/29/23 10:00
410-124754-6	PV-01_75	Water	04/27/23 13:40	04/29/23 10:00
410-124754-7	FTB01-230427	Water	04/27/23 13:45	04/29/23 10:00
410-124754-8	LTB01-230427	Water	04/27/23 00:00	04/29/23 10:00

Chain of Custody Record

eurofins | Environment Testing

410-124754 Chain of Custody

Client Contact: Jonathan Dippert, Kirk Moline	Sampler: Carter Benoit	Lab PM: Hobart, Paul	Carrier Tracking No(s):
Company: CT Male Associates DPC	Phone: 518-786-7400	E-Mail: Paul.Hobart@et.eurofinsus.com	State of Origin: NY
Address: 50 Century Hill Dr	PWSID:	Analysis Requested	COC No: 410-42503-12960.1
City: Latham	Due Date Requested:		Page: Page 1 of 1 (CB)
State, Zip: NY, 12110	TAT Requested (days): Standard		Job #:
Phone: 518-786-7400	Compliance Project: Δ Yes Δ No		
Email: j.dippert@ctmale.com, k.moline@CTMale.com	PO #: Purchase Order not required		
Project Name: Hoosick Falls WTP	WO #:		
Site: SGPP-Hoosick Falls WTP	Project #: 41000511		
	SSOW#:		

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - (MOD) 7 PFAS Compounds	537_DW - 14 PFAS Drinking Water List	537_DW - 14 PFAS Drinking Water List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	Y	N		
GAC INFLUENT	4/27/2023	12:45	G	Water	N	N	X	X		8	Batch QA/QC
GAC MIDFLUENT	4/27/2023	12:55	G	Water			X	X		4	
GAC EFFLUENT	4/27/2023	13:10	G	Water			X	X		4	
PV-01_25	4/27/2023	13:20	G	Water			X	X		4	
PV-01_50	4/27/2023	13:30	G	Water			X	X		4	
PV-01_75	4/27/2023	13:40	G	Water			X	X		4	
FTB01-230427	4/27/2023	13:45	G	Water			X	X		4	
LTB01-230427	4/27/2023	—	G	Water			X	X		4	
				Water							
				Water							
				Water							

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EQUIS 1 FILE ASP-B

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Edwin Hernandez	Date/Time: 11/28/22 7:30	Company (CB)	Received by: / Date/Time: / Company
Relinquished by: Carter Benoit	Date/Time: 4/27/2023 14:55	Company CTM	Received by: / Date/Time: / Company
Relinquished by:	Date/Time:	Company	Received by: MMR Date/Time: 4/29/23 1000 Company

Custody Seals Intact: X Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.0

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-124754-1
SDG Number: HOO

Login Number: 124754
List Number: 1
Creator: Foreman, Kai

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
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	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	