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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Hoosick Falls WTP
SDG NUMBER HOO

JOB NUMBER

410-122830-1

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

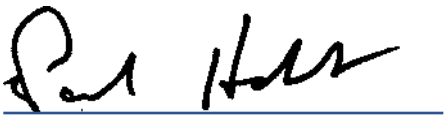
See page two for job notes and contact information.

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
Paul Hobart, Project Manager
Paul.Hobart@et.eurofinsus.com
(617)312-8660

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: 410-122830-1
SDG: HOO

Qualifiers

LCMS

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
cn	Refer to Case Narrative for further detail
E	Result exceeded calibration range.
S1-	Surrogate recovery exceeds control limits, low biased.
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: 410-122830-1
SDG: HOO

Job ID: 410-122830-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-122830-1

Receipt
The samples were received on 4/14/2023 9:50 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 0.6°C

PFAS
Method 537_DW: The recovery for target analytes Perfluorotridecanoic acid and Perfluorotetradecanoic acid in the laboratory control spike samples associated with samples: GAC INFLUENT (410-122830-1), GAC MIDLFUENT (410-122830-2), GAC EFFLUENT (410-122830-3), PV-01_25 (410-122830-4), PV-01_50 (410-122830-5), PV-01_75 (410-122830-6), LTB01-230413 (410-122830-7) and FTB01-230413 (410-122830-8) is outside of QC acceptance limits. The following action was taken: These samples were re-extracted outside of the required holding time and the recovery for these target analytes was again outside of QC acceptance limits.

Method 537_DW: The recovery for the sample surrogates d5-NEtFOSAA, 13C2 PFDA and 13C2 PFHxA in the method blank associated with samples: GAC INFLUENT (410-122830-1), GAC MIDLFUENT (410-122830-2), GAC EFFLUENT (410-122830-3), PV-01_25 (410-122830-4), PV-01_50 (410-122830-5), PV-01_75 (410-122830-6), LTB01-230413 (410-122830-7) and FTB01-230413 (410-122830-8) is outside of QC acceptance limits. The following action was taken: These samples were re-extracted outside of the required holding time and the recovery for these surrogates were within QC acceptance limits in the re-extracted method blank.

Method PFC_IDA: The opening continuing calibration verification standard (CCV) is compliant under method criteria for M2-6:2 FTS. The software does not display the %Drift data to the whole number as listed in the method (i.e. limit of 30%). When applying evaluation to a whole number, the CCV passes the criteria with a value of 30%. Samples affected are: GAC INFLUENT (410-122830-1).

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: 410-122830-1
SDG: HOO

Client Sample ID: GAC INFLUENT — Lab Sample ID: 410-122830-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	3.4		1.7		ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	2.6		1.7		ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	11		1.8		ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	11		1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	3.0		1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	360		18		ng/L	10		537 DW	Total/NA

Client Sample ID: GAC MIDLFUENT — Lab Sample ID: 410-122830-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	6.5		1.7		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: GAC EFFLUENT — Lab Sample ID: 410-122830-3

No Detections.

Client Sample ID: PV-01_25 — Lab Sample ID: 410-122830-4

No Detections.

Client Sample ID: PV-01_50 — Lab Sample ID: 410-122830-5

No Detections.

Client Sample ID: PV-01_75 — Lab Sample ID: 410-122830-6

No Detections.

Client Sample ID: LTB01-230413 — Lab Sample ID: 410-122830-7

No Detections.

Client Sample ID: FTB01-230413 — Lab Sample ID: 410-122830-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GAC INFLUENT

Date Collected: 04/13/23 09:15
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-1

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	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:00	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:00	1
Perfluorobutanoic acid	**3.4**		1.7		ng/L		05/05/23 08:00	05/20/23 05:00	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:00	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:00	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:00	1
Perfluoropentanoic acid	**2.6**		1.7		ng/L		05/05/23 08:00	05/20/23 05:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*117*	*cn*	*17 - 200*	*05/05/23 08:00*	*05/20/23 05:00*	*1*
M2-8:2 FTS	*116*		*33 - 200*	*05/05/23 08:00*	*05/20/23 05:00*	*1*
13C4 PFBA	*101*		*42 - 165*	*05/05/23 08:00*	*05/20/23 05:00*	*1*
13C5 PFPeA	*101*		*38 - 187*	*05/05/23 08:00*	*05/20/23 05:00*	*1*
13C8 PFOS	*101*		*51 - 159*	*05/05/23 08:00*	*05/20/23 05:00*	*1*
13C8 FOSA	*87*		*10 - 168*	*05/05/23 08:00*	*05/20/23 05:00*	*1*
13C3 PFHxS	*121*		*28 - 188*	*05/05/23 08:00*	*05/20/23 05:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**11**		1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluoroheptanoic acid	**11**		1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorotridecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorotetradecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorooctanesulfonic acid	**3.0**		1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
NEtFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
NMeFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*110*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:17*	*1*
13C2 PFDA	*115*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:17*	*1*
13C2 PFHxA	*123*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	**360**		18		ng/L		04/18/23 17:44	04/25/23 16:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/25/23 16:57*	*10*
13C2 PFDA	*102*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/25/23 16:57*	*10*
13C2 PFHxA	*100*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/25/23 16:57*	*10*

Client Sample ID: GAC MIDLFUENT

Date Collected: 04/13/23 09:30
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-2

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	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:22	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:22	1
Perfluorobutanoic acid	**6.5**		1.7		ng/L		05/05/23 08:00	05/20/23 05:22	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:22	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:22	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:22	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*148*		*17 - 200*	*05/05/23 08:00*	*05/20/23 05:22*	*1*
M2-8:2 FTS	*116*		*33 - 200*	*05/05/23 08:00*	*05/20/23 05:22*	*1*
13C4 PFBA	*96*		*42 - 165*	*05/05/23 08:00*	*05/20/23 05:22*	*1*
13C5 PFPeA	*98*		*38 - 187*	*05/05/23 08:00*	*05/20/23 05:22*	*1*
13C8 PFOS	*105*		*51 - 159*	*05/05/23 08:00*	*05/20/23 05:22*	*1*
13C8 FOSA	*97*		*10 - 168*	*05/05/23 08:00*	*05/20/23 05:22*	*1*
13C3 PFHxS	*117*		*28 - 188*	*05/05/23 08:00*	*05/20/23 05:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorotridecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorotetradecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
NEtFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
NMeFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*121*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:28*	*1*
13C2 PFDA	*83*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:28*	*1*
13C2 PFHxA	*99*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:28*	*1*

Client Sample ID: GAC EFFLUENT

Date Collected: 04/13/23 09:45
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-3

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	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:33	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:33	1
Perfluorobutanoic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:33	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:33	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:33	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:33	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 05:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*131*		*17 - 200*	*05/05/23 08:00*	*05/20/23 05:33*	*1*
M2-8:2 FTS	*115*		*33 - 200*	*05/05/23 08:00*	*05/20/23 05:33*	*1*
13C4 PFBA	*99*		*42 - 165*	*05/05/23 08:00*	*05/20/23 05:33*	*1*
13C5 PFPeA	*98*		*38 - 187*	*05/05/23 08:00*	*05/20/23 05:33*	*1*
13C8 PFOS	*110*		*51 - 159*	*05/05/23 08:00*	*05/20/23 05:33*	*1*
13C8 FOSA	*101*		*10 - 168*	*05/05/23 08:00*	*05/20/23 05:33*	*1*
13C3 PFHxS	*109*		*28 - 188*	*05/05/23 08:00*	*05/20/23 05:33*	*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		04/18/23 17:44	04/23/23 01:38	1
Perfluoroheptanoic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorooctanoic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorononanoic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorodecanoic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorotridecanoic acid	1.9	U *- cn	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorotetradecanoic acid	1.9	U *- cn	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorobutanesulfonic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorohexanesulfonic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorooctanesulfonic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
NEtFOSAA	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
NMeFOSAA	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluoroundecanoic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1
Perfluorododecanoic acid	1.9	U	1.9		ng/L		04/18/23 17:44	04/23/23 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*113*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:38*	*1*
13C2 PFDA	*85*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:38*	*1*
13C2 PFHxA	*102*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:38*	*1*

Client Sample ID: PV-01_25

Date Collected: 04/13/23 10:05
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-4

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	1.8		ng/L		05/05/23 08:00	05/20/23 05:44	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:44	1
Perfluorobutanoic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:44	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:44	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:44	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:44	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*131*		*17 - 200*	*05/05/23 08:00*	*05/20/23 05:44*	*1*
M2-8:2 FTS	*114*		*33 - 200*	*05/05/23 08:00*	*05/20/23 05:44*	*1*
13C4 PFBA	*102*		*42 - 165*	*05/05/23 08:00*	*05/20/23 05:44*	*1*
13C5 PFPeA	*105*		*38 - 187*	*05/05/23 08:00*	*05/20/23 05:44*	*1*
13C8 PFOS	*104*		*51 - 159*	*05/05/23 08:00*	*05/20/23 05:44*	*1*
13C8 FOSA	*107*		*10 - 168*	*05/05/23 08:00*	*05/20/23 05:44*	*1*
13C3 PFHxS	*113*		*28 - 188*	*05/05/23 08:00*	*05/20/23 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		04/18/23 17:44	04/23/23 01:49	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorotridecanoic acid	1.7	U *- cn	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorotetradecanoic acid	1.7	U *- cn	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
NEtFOSAA	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
NMeFOSAA	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*116*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:49*	*1*
13C2 PFDA	*86*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:49*	*1*
13C2 PFHxA	*99*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:49*	*1*

Client Sample ID: PV-01_50

Date Collected: 04/13/23 10:10
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-5

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	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:55	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:55	1
Perfluorobutanoic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:55	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:55	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:55	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:55	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 05:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*121*		*17 - 200*	*05/05/23 08:00*	*05/20/23 05:55*	*1*
M2-8:2 FTS	*102*		*33 - 200*	*05/05/23 08:00*	*05/20/23 05:55*	*1*
13C4 PFBA	*95*		*42 - 165*	*05/05/23 08:00*	*05/20/23 05:55*	*1*
13C5 PFPeA	*99*		*38 - 187*	*05/05/23 08:00*	*05/20/23 05:55*	*1*
13C8 PFOS	*106*		*51 - 159*	*05/05/23 08:00*	*05/20/23 05:55*	*1*
13C8 FOSA	*101*		*10 - 168*	*05/05/23 08:00*	*05/20/23 05:55*	*1*
13C3 PFHxS	*108*		*28 - 188*	*05/05/23 08:00*	*05/20/23 05:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorotridecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorotetradecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
NEtFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
NMeFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*121*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:59*	*1*
13C2 PFDA	*81*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:59*	*1*
13C2 PFHxA	*100*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 01:59*	*1*

Client Sample ID: PV-01_75

Date Collected: 04/13/23 10:15
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-6

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	1.8		ng/L		05/05/23 08:00	05/20/23 06:06	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 06:06	1
Perfluorobutanoic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 06:06	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 06:06	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 06:06	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 06:06	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		05/05/23 08:00	05/20/23 06:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*135*		*17 - 200*	*05/05/23 08:00*	*05/20/23 06:06*	*1*
M2-8:2 FTS	*104*		*33 - 200*	*05/05/23 08:00*	*05/20/23 06:06*	*1*
13C4 PFBA	*96*		*42 - 165*	*05/05/23 08:00*	*05/20/23 06:06*	*1*
13C5 PFPeA	*102*		*38 - 187*	*05/05/23 08:00*	*05/20/23 06:06*	*1*
13C8 PFOS	*104*		*51 - 159*	*05/05/23 08:00*	*05/20/23 06:06*	*1*
13C8 FOSA	*93*		*10 - 168*	*05/05/23 08:00*	*05/20/23 06:06*	*1*
13C3 PFHxS	*116*		*28 - 188*	*05/05/23 08:00*	*05/20/23 06:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorotridecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorotetradecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
NEtFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
NMeFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*110*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:10*	*1*
13C2 PFDA	*86*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:10*	*1*
13C2 PFHxA	*99*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:10*	*1*

Client Sample ID: LTB01-230413

Date Collected: 04/13/23 00:00
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-7

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	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:17	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:17	1
Perfluorobutanoic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:17	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:17	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:17	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:17	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*121*		*17 - 200*	*05/05/23 08:00*	*05/20/23 06:17*	*1*
M2-8:2 FTS	*106*		*33 - 200*	*05/05/23 08:00*	*05/20/23 06:17*	*1*
13C4 PFBA	*77*		*42 - 165*	*05/05/23 08:00*	*05/20/23 06:17*	*1*
13C5 PFPeA	*97*		*38 - 187*	*05/05/23 08:00*	*05/20/23 06:17*	*1*
13C8 PFOS	*99*		*51 - 159*	*05/05/23 08:00*	*05/20/23 06:17*	*1*
13C8 FOSA	*98*		*10 - 168*	*05/05/23 08:00*	*05/20/23 06:17*	*1*
13C3 PFHxS	*99*		*28 - 188*	*05/05/23 08:00*	*05/20/23 06:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorotridecanoic acid	1.7	U *- cn	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorotetradecanoic acid	1.7	U *- cn	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
NEtFOSAA	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
NMeFOSAA	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		04/18/23 17:44	04/23/23 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*117*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:20*	*1*
13C2 PFDA	*83*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:20*	*1*
13C2 PFHxA	*98*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:20*	*1*

Client Sample ID: FTB01-230413

Date Collected: 04/13/23 10:40
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-8

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	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:28	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:28	1
Perfluorobutanoic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:28	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:28	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:28	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:28	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		05/05/23 08:00	05/20/23 06:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*130*		*17 - 200*	*05/05/23 08:00*	*05/20/23 06:28*	*1*
M2-8:2 FTS	*121*		*33 - 200*	*05/05/23 08:00*	*05/20/23 06:28*	*1*
13C4 PFBA	*99*		*42 - 165*	*05/05/23 08:00*	*05/20/23 06:28*	*1*
13C5 PFPeA	*113*		*38 - 187*	*05/05/23 08:00*	*05/20/23 06:28*	*1*
13C8 PFOS	*109*		*51 - 159*	*05/05/23 08:00*	*05/20/23 06:28*	*1*
13C8 FOSA	*101*		*10 - 168*	*05/05/23 08:00*	*05/20/23 06:28*	*1*
13C3 PFHxS	*110*		*28 - 188*	*05/05/23 08:00*	*05/20/23 06:28*	*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		04/18/23 17:44	04/23/23 02:31	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorotridecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorotetradecanoic acid	1.8	U *- cn	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
NEtFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
NMeFOSAA	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		04/18/23 17:44	04/23/23 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*116*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:31*	*1*
13C2 PFDA	*79*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:31*	*1*
13C2 PFHxA	*96*	*cn*	*70 - 130*	*04/18/23 17:44*	*04/23/23 02:31*	*1*

Surrogate Summary

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

Job ID: 410-122830-1
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)
410-122830-1	GAC INFLUENT	110 cn	115 cn	123 cn
410-122830-1 - DL	GAC INFLUENT	100 cn	102 cn	100 cn
410-122830-2	GAC MIDLFUENT	121 cn	83 cn	99 cn
410-122830-3	GAC EFFLUENT	113 cn	85 cn	102 cn
410-122830-4	PV-01_25	116 cn	86 cn	99 cn
410-122830-5	PV-01_50	121 cn	81 cn	100 cn
410-122830-6	PV-01_75	110 cn	86 cn	99 cn
410-122830-7	LTB01-230413	117 cn	83 cn	98 cn
410-122830-8	FTB01-230413	116 cn	79 cn	96 cn
LCS 410-365743/2-A	Lab Control Sample	98	83	92
LCSD 410-365743/3-A	Lab Control Sample Dup	112	85	95
MB 410-365743/1-A	Method Blank	53 S1-	40 S1-	47 S1-

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: 410-122830-1
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)
410-122830-1	GAC INFLUENT	117 cn	116	101	101	101	87	121
410-122830-2	GAC MIDLFUENT	148	116	96	98	105	97	117
410-122830-3	GAC EFFLUENT	131	115	99	98	110	101	109
410-122830-4	PV-01_25	131	114	102	105	104	107	113
410-122830-5	PV-01_50	121	102	95	99	106	101	108
410-122830-6	PV-01_75	135	104	96	102	104	93	116
410-122830-7	LTB01-230413	121	106	77	97	99	98	99
410-122830-8	FTB01-230413	130	121	99	113	109	101	110
LCS 410-372487/3-A	Lab Control Sample	124	108	86	95	97	87	100
LCSD 410-372487/4-A	Lab Control Sample Dup	110	98	84	96	95	85	95
MB 410-372487/1-A	Method Blank	135	123	92	99	102	101	104

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 410-372487/1-A
Matrix: Water
Analysis Batch: 377827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372487

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	2.0	U	2.0		ng/L		05/05/23 08:00	05/20/23 02:36	1
8:2 Fluorotelomer sulfonic acid	2.0	U	2.0		ng/L		05/05/23 08:00	05/20/23 02:36	1
Perfluorobutanoic acid	2.0	U	2.0		ng/L		05/05/23 08:00	05/20/23 02:36	1
Perfluorodecanesulfonic acid	2.0	U	2.0		ng/L		05/05/23 08:00	05/20/23 02:36	1
Perfluoroheptanesulfonic acid	2.0	U	2.0		ng/L		05/05/23 08:00	05/20/23 02:36	1
Perfluorooctanesulfonamide	2.0	U	2.0		ng/L		05/05/23 08:00	05/20/23 02:36	1
Perfluoropentanoic acid	2.0	U	2.0		ng/L		05/05/23 08:00	05/20/23 02:36	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*135*		*17 - 200*	*05/05/23 08:00*	*05/20/23 02:36*	*1*
M2-8:2 FTS	*123*		*33 - 200*	*05/05/23 08:00*	*05/20/23 02:36*	*1*
13C4 PFBA	*92*		*42 - 165*	*05/05/23 08:00*	*05/20/23 02:36*	*1*
13C5 PFPeA	*99*		*38 - 187*	*05/05/23 08:00*	*05/20/23 02:36*	*1*
13C8 PFOS	*102*		*51 - 159*	*05/05/23 08:00*	*05/20/23 02:36*	*1*
13C8 FOSA	*101*		*10 - 168*	*05/05/23 08:00*	*05/20/23 02:36*	*1*
13C3 PFHxS	*104*		*28 - 188*	*05/05/23 08:00*	*05/20/23 02:36*	*1*

Lab Sample ID: LCS 410-372487/3-A
Matrix: Water
Analysis Batch: 377827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372487

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
6:2 Fluorotelomer sulfonic acid			24.3	22.2		ng/L		92	28 - 173		
8:2 Fluorotelomer sulfonic acid			24.5	18.8		ng/L		77	55 - 138		
Perfluorobutanoic acid			25.6	24.1		ng/L		94	59 - 136		
Perfluorodecanesulfonic acid			24.7	24.1		ng/L		98	55 - 137		
Perfluoroheptanesulfonic acid			24.4	26.1		ng/L		107	56 - 140		
Perfluorooctanesulfonamide			25.6	26.8		ng/L		105	43 - 167		
Perfluoropentanoic acid			25.6	25.0		ng/L		98	57 - 141		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*124*		*17 - 200*
M2-8:2 FTS	*108*		*33 - 200*
13C4 PFBA	*86*		*42 - 165*
13C5 PFPeA	*95*		*38 - 187*
13C8 PFOS	*97*		*51 - 159*
13C8 FOSA	*87*		*10 - 168*
13C3 PFHxS	*100*		*28 - 188*

Lab Sample ID: LCSD 410-372487/4-A
Matrix: Water
Analysis Batch: 377827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372487

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
6:2 Fluorotelomer sulfonic acid			24.3	26.0		ng/L		107	28 - 173	16	30
8:2 Fluorotelomer sulfonic acid			24.5	24.2		ng/L		99	55 - 138	25	30
Perfluorobutanoic acid			25.6	26.9		ng/L		105	59 - 136	11	30
Perfluorodecanesulfonic acid			24.7	29.0		ng/L		118	55 - 137	18	30
Perfluoroheptanesulfonic acid			24.4	27.2		ng/L		112	56 - 140	4	30

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

Lab Sample ID: LCSD 410-372487/4-A
Matrix: Water
Analysis Batch: 377827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372487

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide			25.6	27.5		ng/L		108	43 - 167	2	30
Perfluoropentanoic acid			25.6	27.1		ng/L		106	57 - 141	8	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
M2-6:2 FTS	*110*		*17 - 200*
M2-8:2 FTS	*98*		*33 - 200*
13C4 PFBA	*84*		*42 - 165*
13C5 PFPeA	*96*		*38 - 187*
13C8 PFOS	*95*		*51 - 159*
13C8 FOSA	*85*		*10 - 168*
13C3 PFHxS	*95*		*28 - 188*

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

Lab Sample ID: MB 410-365743/1-A
Matrix: Water
Analysis Batch: 367424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 365743

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluoroheptanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorooctanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorononanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorodecanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorotridecanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorotetradecanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorobutanesulfonic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorohexanesulfonic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorooctanesulfonic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
NEtFOSAA	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
NMeFOSAA	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluoroundecanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1
Perfluorododecanoic acid	2.0	U	2.0		ng/L		04/18/23 17:44	04/23/23 00:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*53*	*S1-*	*70 - 130*	*04/18/23 17:44*	*04/23/23 00:14*	*1*
13C2 PFDA	*40*	*S1-*	*70 - 130*	*04/18/23 17:44*	*04/23/23 00:14*	*1*
13C2 PFHxA	*47*	*S1-*	*70 - 130*	*04/18/23 17:44*	*04/23/23 00:14*	*1*

Lab Sample ID: LCS 410-365743/2-A
Matrix: Water
Analysis Batch: 367424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 365743

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorohexanoic acid			80.0	72.3		ng/L		90	70 - 130		
Perfluoroheptanoic acid			80.0	72.1		ng/L		90	70 - 130		
Perfluorooctanoic acid			80.0	73.8		ng/L		92	70 - 130		
Perfluorononanoic acid			80.0	72.0		ng/L		90	70 - 130		
Perfluorodecanoic acid			80.0	65.0		ng/L		81	70 - 130		

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

Lab Sample ID: LCS 410-365743/2-A
Matrix: Water
Analysis Batch: 367424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 365743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid	80.0	52.7	*-	ng/L		66	70 - 130
Perfluorotetradecanoic acid	80.0	55.9		ng/L		70	70 - 130
Perfluorobutanesulfonic acid	70.8	67.2		ng/L		95	70 - 130
Perfluorohexanesulfonic acid	73.0	71.0		ng/L		97	70 - 130
Perfluorooctanesulfonic acid	74.0	70.3		ng/L		95	70 - 130
NEtFOSAA	80.0	74.9		ng/L		94	70 - 130
NMeFOSAA	80.0	66.2		ng/L		83	70 - 130
Perfluoroundecanoic acid	80.0	59.8		ng/L		75	70 - 130
Perfluorododecanoic acid	80.0	60.2		ng/L		75	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*98*		*70 - 130*
13C2 PFDA	*83*		*70 - 130*
13C2 PFHxA	*92*		*70 - 130*

Lab Sample ID: LCSD 410-365743/3-A
Matrix: Water
Analysis Batch: 367424

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 365743

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	80.0	74.4		ng/L		93	70 - 130	3	30
Perfluoroheptanoic acid	80.0	71.8		ng/L		90	70 - 130	0	30
Perfluorooctanoic acid	80.0	71.6		ng/L		90	70 - 130	3	30
Perfluorononanoic acid	80.0	73.4		ng/L		92	70 - 130	2	30
Perfluorodecanoic acid	80.0	66.5		ng/L		83	70 - 130	2	30
Perfluorotridecanoic acid	80.0	53.2	*-	ng/L		67	70 - 130	1	30
Perfluorotetradecanoic acid	80.0	55.4	*-	ng/L		69	70 - 130	1	30
Perfluorobutanesulfonic acid	70.8	68.6		ng/L		97	70 - 130	2	30
Perfluorohexanesulfonic acid	73.0	68.4		ng/L		94	70 - 130	4	30
Perfluorooctanesulfonic acid	74.0	69.8		ng/L		94	70 - 130	1	30
NEtFOSAA	80.0	92.5	E	ng/L		116	70 - 130	21	30
NMeFOSAA	80.0	74.1		ng/L		93	70 - 130	11	30
Perfluoroundecanoic acid	80.0	65.9		ng/L		82	70 - 130	10	30
Perfluorododecanoic acid	80.0	62.7		ng/L		78	70 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*112*		*70 - 130*
13C2 PFDA	*85*		*70 - 130*
13C2 PFHxA	*95*		*70 - 130*

LCMS

Prep Batch: 365743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-1	GAC INFLUENT	Total/NA	Water	537 DW	
410-122830-1 - DL	GAC INFLUENT	Total/NA	Water	537 DW	
410-122830-2	GAC MIDLFUENT	Total/NA	Water	537 DW	
410-122830-3	GAC EFFLUENT	Total/NA	Water	537 DW	
410-122830-4	PV-01_25	Total/NA	Water	537 DW	
410-122830-5	PV-01_50	Total/NA	Water	537 DW	
410-122830-6	PV-01_75	Total/NA	Water	537 DW	
410-122830-7	LTB01-230413	Total/NA	Water	537 DW	
410-122830-8	FTB01-230413	Total/NA	Water	537 DW	
MB 410-365743/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-365743/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-365743/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 367424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-1	GAC INFLUENT	Total/NA	Water	537 DW	365743
410-122830-2	GAC MIDLFUENT	Total/NA	Water	537 DW	365743
410-122830-3	GAC EFFLUENT	Total/NA	Water	537 DW	365743
410-122830-4	PV-01_25	Total/NA	Water	537 DW	365743
410-122830-5	PV-01_50	Total/NA	Water	537 DW	365743
410-122830-6	PV-01_75	Total/NA	Water	537 DW	365743
410-122830-7	LTB01-230413	Total/NA	Water	537 DW	365743
410-122830-8	FTB01-230413	Total/NA	Water	537 DW	365743
MB 410-365743/1-A	Method Blank	Total/NA	Water	537 DW	365743
LCS 410-365743/2-A	Lab Control Sample	Total/NA	Water	537 DW	365743
LCSD 410-365743/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	365743

Analysis Batch: 368374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-1 - DL	GAC INFLUENT	Total/NA	Water	537 DW	365743

Prep Batch: 370663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-1 - RE	GAC INFLUENT	Total/NA	Water	537 DW	
410-122830-2 - RE	GAC MIDLFUENT	Total/NA	Water	537 DW	
410-122830-3 - RE	GAC EFFLUENT	Total/NA	Water	537 DW	
410-122830-4 - RE	PV-01_25	Total/NA	Water	537 DW	
410-122830-5 - RE	PV-01_50	Total/NA	Water	537 DW	
410-122830-6 - RE	PV-01_75	Total/NA	Water	537 DW	
410-122830-7 - RE	LTB01-230413	Total/NA	Water	537 DW	
410-122830-8 - RE	FTB01-230413	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	

Prep Batch: 372487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-1	GAC INFLUENT	Total/NA	Water	SPE	
410-122830-2	GAC MIDLFUENT	Total/NA	Water	SPE	
410-122830-3	GAC EFFLUENT	Total/NA	Water	SPE	
410-122830-4	PV-01_25	Total/NA	Water	SPE	

LCMS (Continued)

Prep Batch: 372487 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-5	PV-01_50	Total/NA	Water	SPE	
410-122830-6	PV-01_75	Total/NA	Water	SPE	
410-122830-7	LTB01-230413	Total/NA	Water	SPE	
410-122830-8	FTB01-230413	Total/NA	Water	SPE	
MB 410-372487/1-A	Method Blank	Total/NA	Water	SPE	
LCS 410-372487/3-A	Lab Control Sample	Total/NA	Water	SPE	
LCSD 410-372487/4-A	Lab Control Sample Dup	Total/NA	Water	SPE	

Analysis Batch: 372692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-1 - RE	GAC INFLUENT	Total/NA	Water	537 DW	370663
410-122830-2 - RE	GAC MIDLFUENT	Total/NA	Water	537 DW	370663
410-122830-3 - RE	GAC EFFLUENT	Total/NA	Water	537 DW	370663
410-122830-4 - RE	PV-01_25	Total/NA	Water	537 DW	370663
410-122830-6 - RE	PV-01_75	Total/NA	Water	537 DW	370663
410-122830-7 - RE	LTB01-230413	Total/NA	Water	537 DW	370663
410-122830-8 - RE	FTB01-230413	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

Analysis Batch: 373247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-5 - RE	PV-01_50	Total/NA	Water	537 DW	370663

Analysis Batch: 377827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-122830-1	GAC INFLUENT	Total/NA	Water	537 (Mod)	372487
410-122830-2	GAC MIDLFUENT	Total/NA	Water	537 (Mod)	372487
410-122830-3	GAC EFFLUENT	Total/NA	Water	537 (Mod)	372487
410-122830-4	PV-01_25	Total/NA	Water	537 (Mod)	372487
410-122830-5	PV-01_50	Total/NA	Water	537 (Mod)	372487
410-122830-6	PV-01_75	Total/NA	Water	537 (Mod)	372487
410-122830-7	LTB01-230413	Total/NA	Water	537 (Mod)	372487
410-122830-8	FTB01-230413	Total/NA	Water	537 (Mod)	372487
MB 410-372487/1-A	Method Blank	Total/NA	Water	537 (Mod)	372487
LCS 410-372487/3-A	Lab Control Sample	Total/NA	Water	537 (Mod)	372487
LCSD 410-372487/4-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	372487

Lab Chronicle

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

Job ID: 410-122830-1
SDG: HOO

Client Sample ID: GAC INFLUENT
Lab Sample ID: 410-122830-1
Date Collected: 04/13/23 09:15
Matrix: Water
Date Received: 04/14/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 05:00
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 01:17
Total/NA	Prep	537 DW	DL		365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW	DL	10	368374	VK3G	ELLE	04/25/23 16:57
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	372692	DCS9	ELLE	05/05/23 20:57

Client Sample ID: GAC MIDLFUENT
Lab Sample ID: 410-122830-2
Date Collected: 04/13/23 09:30
Matrix: Water
Date Received: 04/14/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 05:22
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 01:28
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	372692	DCS9	ELLE	05/05/23 21:09

Client Sample ID: GAC EFFLUENT
Lab Sample ID: 410-122830-3
Date Collected: 04/13/23 09:45
Matrix: Water
Date Received: 04/14/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 05:33
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 01:38
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	372692	DCS9	ELLE	05/05/23 21:20

Client Sample ID: PV-01_25
Lab Sample ID: 410-122830-4
Date Collected: 04/13/23 10:05
Matrix: Water
Date Received: 04/14/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 05:44
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 01:49
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	372692	DCS9	ELLE	05/05/23 21:32

Lab Chronicle

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

Job ID: 410-122830-1
SDG: HOO

Client Sample ID: PV-01_50
Date Collected: 04/13/23 10:10
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 05:55
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 01:59
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	373247	DCS9	ELLE	05/08/23 12:08

Client Sample ID: PV-01_75
Date Collected: 04/13/23 10:15
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 06:06
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 02:10
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	372692	DCS9	ELLE	05/05/23 21:55

Client Sample ID: LTB01-230413
Date Collected: 04/13/23 00:00
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 06:17
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 02:20
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	372692	DCS9	ELLE	05/05/23 22:07

Client Sample ID: FTB01-230413
Date Collected: 04/13/23 10:40
Date Received: 04/14/23 09:50

Lab Sample ID: 410-122830-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			372487	RC3V	ELLE	05/05/23 08:00
Total/NA	Analysis	537 (Mod)		1	377827	VK3G	ELLE	05/20/23 06:28
Total/NA	Prep	537 DW			365743	WW2J	ELLE	04/18/23 17:44
Total/NA	Analysis	537 DW		1	367424	VK3G	ELLE	04/23/23 02:31
Total/NA	Prep	537 DW	RE		370663	WW2J	ELLE	05/01/23 15:11
Total/NA	Analysis	537 DW	RE	1	372692	DCS9	ELLE	05/05/23 22:18

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: 410-122830-1
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
537 DW	537 DW	Water	NEtFOSAA
537 DW	537 DW	Water	NMeFOSAA
537 DW	537 DW	Water	Perfluorobutanesulfonic acid
537 DW	537 DW	Water	Perfluorodecanoic acid
537 DW	537 DW	Water	Perfluorododecanoic acid
537 DW	537 DW	Water	Perfluoroheptanoic acid
537 DW	537 DW	Water	Perfluorohexanesulfonic acid
537 DW	537 DW	Water	Perfluorohexanoic acid
537 DW	537 DW	Water	Perfluorononanoic acid
537 DW	537 DW	Water	Perfluorooctanesulfonic acid
537 DW	537 DW	Water	Perfluorooctanoic acid
537 DW	537 DW	Water	Perfluorotetradecanoic acid
537 DW	537 DW	Water	Perfluorotridecanoic acid
537 DW	537 DW	Water	Perfluoroundecanoic acid

Method Summary

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

Job ID: 410-122830-1
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: 410-122830-1
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-122830-1	GAC INFLUENT	Water	04/13/23 09:15	04/14/23 09:50
410-122830-2	GAC MIDLFUENT	Water	04/13/23 09:30	04/14/23 09:50
410-122830-3	GAC EFFLUENT	Water	04/13/23 09:45	04/14/23 09:50
410-122830-4	PV-01_25	Water	04/13/23 10:05	04/14/23 09:50
410-122830-5	PV-01_50	Water	04/13/23 10:10	04/14/23 09:50
410-122830-6	PV-01_75	Water	04/13/23 10:15	04/14/23 09:50
410-122830-7	LTB01-230413	Water	04/13/23 00:00	04/14/23 09:50
410-122830-8	FTB01-230413	Water	04/13/23 10:40	04/14/23 09:50

410-122830 Chain of Custody

Chain of Custody Record

eurofins | Environment Testing America

Client Contact: Kirk Moline, JONATHAN DIPPERT	Sampler: CARTER BENOIT	Lab PM: Hobart, Paul	Carrier Tracking No(s):	COC No:
Company: C. T. Male Associates DPC	Phone: (518)786-7400	E-Mail: Paul.Hobart@et.eurofinsus.com	State of Origin: NY	Page: 1 of 1
Address: 50 Century Hill Dr	PWSID:			Job #:
City: Latham	Due Date Requested:			
State, Zip: NY, 12110	TAT Requested (days): Standard			
Phone: (518)786-7400	Compliance Project: Δ Yes Δ No			
Email: k.moline@ctmale.com, j.dippert@ctmale.com	PO #: 14.4756			
Project Name: Hoosick Falls WTP	WO #:			
Site: Hoosick Falls	Project #:			
	SSOW#:			

Analysis Requested

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, Z - other (specify)

Other: Y TRIZMA

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	Y		
GAC INFLUENT	4/13/2023	9:15	G	water	N	N	X	X	8	Batch QA/QC collected here
GAC MIDFLUENT	4/13/2023	9:30	G	water			X	X	4	
GAC EFFLUENT	4/13/2023	9:45	G	water			X	X	4	
PV-01_25	4/13/2023	10:05	G	water			X	X	4	
PV-01_50	4/13/2023	10:10	G	water			X	X	4	
PV-01_75	4/13/2023	10:15	G	water			X	X	4	
LTB01-230413	4/13/2023	—	G	water			X	X	4	
FTB01-230413	4/13/2023	10:40	G	water			X	X	4	

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: Carter Benoit	Date/Time: 4/13/2023 16:30	Company: CTM	Received by:
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: 4.14.23 Company

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

Cooler Temperature(s) °C and Other Remarks: 0.6

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-122830-1
SDG Number: HOO

Login Number: 122830
List Number: 1
Creator: Reiff, Nicole L

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	