eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-90405-1
Laboratory Sample Delivery Group: HOO
Client Project/Site: Hoosick Falls WTP

For:
CT Male Associates DPC
50 Century Hill Dr
Latham, New York 12110

Attn: Mr. Kirk Moline

Authorized for release by:
8/1/2022 4:40:00 PM

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

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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

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.

Paul Hobart
Project Manager
8/1/2022 4:40:00 PM

Table of Contents

Definitions/Glossary

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

Job ID: 410-90405-1
SDG: HOO

Qualifiers

LCMS

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
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
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
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: 410-90405-1
SDG: HOO

Job ID: 410-90405-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-90405-1

Receipt
The samples were received on 7/8/2022 10:09 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 1.2°C

PFAS
Method 537_DW: The reference method requires samples to be preserved to a pH of 6.5-7.5. All samples were received with insufficient preservation at a pH of 6.

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: 410-90405-1
SDG: HOO

Client Sample ID: GAC Influent — Lab Sample ID: 410-90405-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonamide	2.4		1.7		ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	3.0		1.7		ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	8.4	cn	1.8		ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	11	cn	1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	3.5	cn	1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	390	cn	18		ng/L	10		537 DW	Total/NA

Client Sample ID: GAC Midfluent — Lab Sample ID: 410-90405-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	5.8		4.3		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: GAC Effluent — Lab Sample ID: 410-90405-3

No Detections.

Client Sample ID: PV-2_25 — Lab Sample ID: 410-90405-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.9		4.2		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: PV-2_50 — Lab Sample ID: 410-90405-5

No Detections.

Client Sample ID: PV-2_75 — Lab Sample ID: 410-90405-6

No Detections.

Client Sample ID: FTB01-220707 — Lab Sample ID: 410-90405-7

No Detections.

Client Sample ID: LTB01-220707 — Lab Sample ID: 410-90405-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GAC Influent

Date Collected: 07/07/22 09:40
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-1

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.2	U	4.2		ng/L		07/18/22 07:46	07/31/22 17:06	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5		ng/L		07/18/22 07:46	07/31/22 17:06	1
Perfluorobutanoic acid	4.2	U	4.2		ng/L		07/18/22 07:46	07/31/22 17:06	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:06	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:06	1
Perfluorooctanesulfonamide	**2.4**		1.7		ng/L		07/18/22 07:46	07/31/22 17:06	1
Perfluoropentanoic acid	**3.0**		1.7		ng/L		07/18/22 07:46	07/31/22 17:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*121*		*17 - 200*	*07/18/22 07:46*	*07/31/22 17:06*	*1*
M2-8:2 FTS	*106*		*33 - 200*	*07/18/22 07:46*	*07/31/22 17:06*	*1*
13C4 PFBA	*92*		*42 - 165*	*07/18/22 07:46*	*07/31/22 17:06*	*1*
13C5 PFPeA	*108*		*38 - 187*	*07/18/22 07:46*	*07/31/22 17:06*	*1*
13C8 PFOS	*88*		*51 - 159*	*07/18/22 07:46*	*07/31/22 17:06*	*1*
13C8 FOSA	*80*		*10 - 168*	*07/18/22 07:46*	*07/31/22 17:06*	*1*
13C3 PFHxS	*130*		*28 - 188*	*07/18/22 07:46*	*07/31/22 17:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**8.4**	**cn**	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluoroheptanoic acid	**11**	**cn**	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorononanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorodecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorotridecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorotetradecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorobutanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorohexanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorooctanesulfonic acid	**3.5**	**cn**	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
NEtFOSAA	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
NMeFOSAA	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluoroundecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1
Perfluorododecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*103*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:30*	*1*
13C2 PFDA	*103*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:30*	*1*
13C2 PFHxA	*105*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	**390**	**cn**	18		ng/L		07/12/22 10:35	07/14/22 12:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*89*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:42*	*10*
13C2 PFDA	*93*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:42*	*10*
13C2 PFHxA	*83*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:42*	*10*

Client Sample ID: GAC Midfluent

Date Collected: 07/07/22 09:45
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.3	U	4.3		ng/L		07/18/22 07:46	07/31/22 17:18	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		07/18/22 07:46	07/31/22 17:18	1
Perfluorobutanoic acid	**5.8**		4.3		ng/L		07/18/22 07:46	07/31/22 17:18	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:18	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:18	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:18	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*121*		*17 - 200*	*07/18/22 07:46*	*07/31/22 17:18*	*1*
M2-8:2 FTS	*105*		*33 - 200*	*07/18/22 07:46*	*07/31/22 17:18*	*1*
13C4 PFBA	*102*		*42 - 165*	*07/18/22 07:46*	*07/31/22 17:18*	*1*
13C5 PFPeA	*108*		*38 - 187*	*07/18/22 07:46*	*07/31/22 17:18*	*1*
13C8 PFOS	*92*		*51 - 159*	*07/18/22 07:46*	*07/31/22 17:18*	*1*
13C8 FOSA	*93*		*10 - 168*	*07/18/22 07:46*	*07/31/22 17:18*	*1*
13C3 PFHxS	*117*		*28 - 188*	*07/18/22 07:46*	*07/31/22 17:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluoroheptanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorooctanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorononanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorodecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorotridecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorotetradecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorobutanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorohexanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorooctanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
NEtFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
NMeFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluoroundecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1
Perfluorododecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:53*	*1*
13C2 PFDA	*89*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:53*	*1*
13C2 PFHxA	*91*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 12:53*	*1*

Client Sample Results

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

Job ID: 410-90405-1
SDG: HOO

Client Sample ID: GAC Effluent

Date Collected: 07/07/22 09:50
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.4	U	4.4		ng/L		07/18/22 07:46	07/31/22 17:29	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		07/18/22 07:46	07/31/22 17:29	1
Perfluorobutanoic acid	4.4	U	4.4		ng/L		07/18/22 07:46	07/31/22 17:29	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 17:29	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 17:29	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 17:29	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 17:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*114*		*17 - 200*	*07/18/22 07:46*	*07/31/22 17:29*	*1*
M2-8:2 FTS	*97*		*33 - 200*	*07/18/22 07:46*	*07/31/22 17:29*	*1*
13C4 PFBA	*95*		*42 - 165*	*07/18/22 07:46*	*07/31/22 17:29*	*1*
13C5 PFPeA	*98*		*38 - 187*	*07/18/22 07:46*	*07/31/22 17:29*	*1*
13C8 PFOS	*90*		*51 - 159*	*07/18/22 07:46*	*07/31/22 17:29*	*1*
13C8 FOSA	*89*		*10 - 168*	*07/18/22 07:46*	*07/31/22 17:29*	*1*
13C3 PFHxS	*110*		*28 - 188*	*07/18/22 07:46*	*07/31/22 17:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluoroheptanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorooctanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorononanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorodecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorotridecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorotetradecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorobutanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorohexanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorooctanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
NEtFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
NMeFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluoroundecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1
Perfluorododecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*108*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:05*	*1*
13C2 PFDA	*104*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:05*	*1*
13C2 PFHxA	*97*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:05*	*1*

Client Sample ID: PV-2_25

Date Collected: 07/07/22 09:53
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-4

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.2	U	4.2		ng/L		07/18/22 07:46	07/31/22 17:40	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5		ng/L		07/18/22 07:46	07/31/22 17:40	1
Perfluorobutanoic acid	**4.9**		4.2		ng/L		07/18/22 07:46	07/31/22 17:40	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:40	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:40	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:40	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*101*		*17 - 200*	*07/18/22 07:46*	*07/31/22 17:40*	*1*
M2-8:2 FTS	*101*		*33 - 200*	*07/18/22 07:46*	*07/31/22 17:40*	*1*
13C4 PFBA	*97*		*42 - 165*	*07/18/22 07:46*	*07/31/22 17:40*	*1*
13C5 PFPeA	*106*		*38 - 187*	*07/18/22 07:46*	*07/31/22 17:40*	*1*
13C8 PFOS	*91*		*51 - 159*	*07/18/22 07:46*	*07/31/22 17:40*	*1*
13C8 FOSA	*91*		*10 - 168*	*07/18/22 07:46*	*07/31/22 17:40*	*1*
13C3 PFHxS	*111*		*28 - 188*	*07/18/22 07:46*	*07/31/22 17:40*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluoroheptanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorooctanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorononanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorodecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorotridecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorotetradecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorobutanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorohexanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorooctanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
NEtFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
NMeFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluoroundecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1
Perfluorododecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:16*	*1*
13C2 PFDA	*92*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:16*	*1*
13C2 PFHxA	*90*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:16*	*1*

Client Sample ID: PV-2_50

Date Collected: 07/07/22 09:55
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-5

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.4	U	4.4		ng/L		07/18/22 07:46	07/31/22 17:51	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		07/18/22 07:46	07/31/22 17:51	1
Perfluorobutanoic acid	4.4	U	4.4		ng/L		07/18/22 07:46	07/31/22 17:51	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:51	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:51	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:51	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 17:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*119*		*17 - 200*	*07/18/22 07:46*	*07/31/22 17:51*	*1*
M2-8:2 FTS	*120*		*33 - 200*	*07/18/22 07:46*	*07/31/22 17:51*	*1*
13C4 PFBA	*104*		*42 - 165*	*07/18/22 07:46*	*07/31/22 17:51*	*1*
13C5 PFPeA	*110*		*38 - 187*	*07/18/22 07:46*	*07/31/22 17:51*	*1*
13C8 PFOS	*96*		*51 - 159*	*07/18/22 07:46*	*07/31/22 17:51*	*1*
13C8 FOSA	*103*		*10 - 168*	*07/18/22 07:46*	*07/31/22 17:51*	*1*
13C3 PFHxS	*125*		*28 - 188*	*07/18/22 07:46*	*07/31/22 17:51*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluoroheptanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorooctanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorononanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorodecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorotridecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorotetradecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorobutanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorohexanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorooctanesulfonic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
NEtFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
NMeFOSAA	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluoroundecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1
Perfluorododecanoic acid	1.7	U cn	1.7		ng/L		07/12/22 10:35	07/14/22 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*105*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:28*	*1*
13C2 PFDA	*101*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:28*	*1*
13C2 PFHxA	*92*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:28*	*1*

Client Sample ID: PV-2_75

Date Collected: 07/07/22 10:00
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-6

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.1	U	4.1		ng/L		07/18/22 07:46	07/31/22 18:02	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5		ng/L		07/18/22 07:46	07/31/22 18:02	1
Perfluorobutanoic acid	4.1	U	4.1		ng/L		07/18/22 07:46	07/31/22 18:02	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 18:02	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 18:02	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 18:02	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		07/18/22 07:46	07/31/22 18:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*123*		*17 - 200*	*07/18/22 07:46*	*07/31/22 18:02*	*1*
M2-8:2 FTS	*102*		*33 - 200*	*07/18/22 07:46*	*07/31/22 18:02*	*1*
13C4 PFBA	*102*		*42 - 165*	*07/18/22 07:46*	*07/31/22 18:02*	*1*
13C5 PFPeA	*107*		*38 - 187*	*07/18/22 07:46*	*07/31/22 18:02*	*1*
13C8 PFOS	*84*		*51 - 159*	*07/18/22 07:46*	*07/31/22 18:02*	*1*
13C8 FOSA	*89*		*10 - 168*	*07/18/22 07:46*	*07/31/22 18:02*	*1*
13C3 PFHxS	*124*		*28 - 188*	*07/18/22 07:46*	*07/31/22 18:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluoroheptanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorooctanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorononanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorodecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorotridecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorotetradecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorobutanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorohexanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorooctanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
NEtFOSAA	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
NMeFOSAA	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluoroundecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1
Perfluorododecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*108*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:39*	*1*
13C2 PFDA	*95*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:39*	*1*
13C2 PFHxA	*92*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:39*	*1*

Client Sample ID: FTB01-220707

Date Collected: 07/07/22 10:05
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-7

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.5	U	4.5		ng/L		07/18/22 07:46	07/31/22 18:13	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7		ng/L		07/18/22 07:46	07/31/22 18:13	1
Perfluorobutanoic acid	4.5	U	4.5		ng/L		07/18/22 07:46	07/31/22 18:13	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:13	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:13	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:13	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*118*		*17 - 200*	*07/18/22 07:46*	*07/31/22 18:13*	*1*
M2-8:2 FTS	*108*		*33 - 200*	*07/18/22 07:46*	*07/31/22 18:13*	*1*
13C4 PFBA	*102*		*42 - 165*	*07/18/22 07:46*	*07/31/22 18:13*	*1*
13C5 PFPeA	*105*		*38 - 187*	*07/18/22 07:46*	*07/31/22 18:13*	*1*
13C8 PFOS	*94*		*51 - 159*	*07/18/22 07:46*	*07/31/22 18:13*	*1*
13C8 FOSA	*88*		*10 - 168*	*07/18/22 07:46*	*07/31/22 18:13*	*1*
13C3 PFHxS	*120*		*28 - 188*	*07/18/22 07:46*	*07/31/22 18:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluoroheptanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorooctanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorononanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorodecanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorotridecanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorotetradecanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorobutanesulfonic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorohexanesulfonic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorooctanesulfonic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
NEtFOSAA	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
NMeFOSAA	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluoroundecanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1
Perfluorododecanoic acid	1.9	U cn	1.9		ng/L		07/12/22 10:35	07/14/22 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*103*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:51*	*1*
13C2 PFDA	*92*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:51*	*1*
13C2 PFHxA	*87*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 13:51*	*1*

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

Job ID: 410-90405-1
SDG: HOO

Client Sample ID: LTB01-220707

Date Collected: 07/07/22 00:00
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-8

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.4	U	4.4		ng/L		07/18/22 07:46	07/31/22 18:24	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		07/18/22 07:46	07/31/22 18:24	1
Perfluorobutanoic acid	4.4	U	4.4		ng/L		07/18/22 07:46	07/31/22 18:24	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:24	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:24	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:24	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		07/18/22 07:46	07/31/22 18:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*114*		*17 - 200*	*07/18/22 07:46*	*07/31/22 18:24*	*1*
M2-8:2 FTS	*106*		*33 - 200*	*07/18/22 07:46*	*07/31/22 18:24*	*1*
13C4 PFBA	*105*		*42 - 165*	*07/18/22 07:46*	*07/31/22 18:24*	*1*
13C5 PFPeA	*107*		*38 - 187*	*07/18/22 07:46*	*07/31/22 18:24*	*1*
13C8 PFOS	*97*		*51 - 159*	*07/18/22 07:46*	*07/31/22 18:24*	*1*
13C8 FOSA	*87*		*10 - 168*	*07/18/22 07:46*	*07/31/22 18:24*	*1*
13C3 PFHxS	*123*		*28 - 188*	*07/18/22 07:46*	*07/31/22 18:24*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluoroheptanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorooctanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorononanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorodecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorotridecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorotetradecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorobutanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorohexanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorooctanesulfonic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
NEtFOSAA	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
NMeFOSAA	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluoroundecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1
Perfluorododecanoic acid	1.8	U cn	1.8		ng/L		07/12/22 10:35	07/14/22 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*99*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 14:02*	*1*
13C2 PFDA	*94*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 14:02*	*1*
13C2 PFHxA	*92*	*cn*	*70 - 130*	*07/12/22 10:35*	*07/14/22 14:02*	*1*

Surrogate Summary

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

Job ID: 410-90405-1
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)
410-90405-1	GAC Influent	103 cn	103 cn	105 cn
410-90405-1 - DL	GAC Influent	89 cn	93 cn	83 cn
410-90405-2	GAC Midfluent	100 cn	89 cn	91 cn
410-90405-3	GAC Effluent	108 cn	104 cn	97 cn
410-90405-4	PV-2_25	98 cn	92 cn	90 cn
410-90405-5	PV-2_50	105 cn	101 cn	92 cn
410-90405-6	PV-2_75	108 cn	95 cn	92 cn
410-90405-7	FTB01-220707	103 cn	92 cn	87 cn
410-90405-8	LTB01-220707	99 cn	94 cn	92 cn
LCS 410-274600/2-A	Lab Control Sample	99	91	85
LCSD 410-274600/3-A	Lab Control Sample Dup	101	94	91
MB 410-274600/1-A	Method Blank	91	82	77

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: 410-90405-1
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)
410-90405-1	GAC Influent	121	106	92	108	88	80	130
410-90405-2	GAC Midfluent	121	105	102	108	92	93	117
410-90405-3	GAC Effluent	114	97	95	98	90	89	110
410-90405-4	PV-2_25	101	101	97	106	91	91	111
410-90405-5	PV-2_50	119	120	104	110	96	103	125
410-90405-6	PV-2_75	123	102	102	107	84	89	124
410-90405-7	FTB01-220707	118	108	102	105	94	88	120
410-90405-8	LTB01-220707	114	106	105	107	97	87	123
LCS 410-276506/3-A	Lab Control Sample	114	108	108	116	100	102	118
LCSD 410-276506/4-A	Lab Control Sample Dup	115	114	97	98	93	96	110
MB 410-276506/1-A	Method Blank	111	99	96	93	92	87	110

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 410-276506/1-A
Matrix: Water
Analysis Batch: 281135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276506

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0		ng/L		07/18/22 07:46	07/31/22 16:22	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0		ng/L		07/18/22 07:46	07/31/22 16:22	1
Perfluorobutanoic acid	5.0	U	5.0		ng/L		07/18/22 07:46	07/31/22 16:22	1
Perfluorodecanesulfonic acid	2.0	U	2.0		ng/L		07/18/22 07:46	07/31/22 16:22	1
Perfluoroheptanesulfonic acid	2.0	U	2.0		ng/L		07/18/22 07:46	07/31/22 16:22	1
Perfluorooctanesulfonamide	2.0	U	2.0		ng/L		07/18/22 07:46	07/31/22 16:22	1
Perfluoropentanoic acid	2.0	U	2.0		ng/L		07/18/22 07:46	07/31/22 16:22	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*111*		*17 - 200*	*07/18/22 07:46*	*07/31/22 16:22*	*1*
M2-8:2 FTS	*99*		*33 - 200*	*07/18/22 07:46*	*07/31/22 16:22*	*1*
13C4 PFBA	*96*		*42 - 165*	*07/18/22 07:46*	*07/31/22 16:22*	*1*
13C5 PFPeA	*93*		*38 - 187*	*07/18/22 07:46*	*07/31/22 16:22*	*1*
13C8 PFOS	*92*		*51 - 159*	*07/18/22 07:46*	*07/31/22 16:22*	*1*
13C8 FOSA	*87*		*10 - 168*	*07/18/22 07:46*	*07/31/22 16:22*	*1*
13C3 PFHxS	*110*		*28 - 188*	*07/18/22 07:46*	*07/31/22 16:22*	*1*

Lab Sample ID: LCS 410-276506/3-A
Matrix: Water
Analysis Batch: 281135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276506

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
6:2 Fluorotelomer sulfonic acid			24.3	22.8		ng/L		94	28 - 173		
8:2 Fluorotelomer sulfonic acid			24.5	23.9		ng/L		98	55 - 138		
Perfluorobutanoic acid			25.6	27.0		ng/L		105	59 - 136		
Perfluorodecanesulfonic acid			24.7	23.9		ng/L		97	55 - 137		
Perfluoroheptanesulfonic acid			24.4	26.6		ng/L		109	56 - 140		
Perfluorooctanesulfonamide			25.6	25.9		ng/L		101	43 - 167		
Perfluoropentanoic acid			25.6	25.9		ng/L		101	57 - 141		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*114*		*17 - 200*
M2-8:2 FTS	*108*		*33 - 200*
13C4 PFBA	*108*		*42 - 165*
13C5 PFPeA	*116*		*38 - 187*
13C8 PFOS	*100*		*51 - 159*
13C8 FOSA	*102*		*10 - 168*
13C3 PFHxS	*118*		*28 - 188*

Lab Sample ID: LCSD 410-276506/4-A
Matrix: Water
Analysis Batch: 281135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
6:2 Fluorotelomer sulfonic acid			24.3	22.5		ng/L		93	28 - 173	1	30
8:2 Fluorotelomer sulfonic acid			24.5	21.8		ng/L		89	55 - 138	9	30
Perfluorobutanoic acid			25.6	28.1		ng/L		110	59 - 136	4	30
Perfluorodecanesulfonic acid			24.7	24.1		ng/L		97	55 - 137	1	30
Perfluoroheptanesulfonic acid			24.4	26.3		ng/L		108	56 - 140	1	30

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

Lab Sample ID: LCSD 410-276506/4-A
Matrix: Water
Analysis Batch: 281135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide			25.6	26.8		ng/L		105	43 - 167	4	30
Perfluoropentanoic acid			25.6	26.8		ng/L		105	57 - 141	3	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
M2-6:2 FTS	*115*		*17 - 200*
M2-8:2 FTS	*114*		*33 - 200*
13C4 PFBA	*97*		*42 - 165*
13C5 PFPeA	*98*		*38 - 187*
13C8 PFOS	*93*		*51 - 159*
13C8 FOSA	*96*		*10 - 168*
13C3 PFHxS	*110*		*28 - 188*

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

Lab Sample ID: MB 410-274600/1-A
Matrix: Water
Analysis Batch: 275380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 274600

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluoroheptanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorooctanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorononanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorodecanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorotridecanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorotetradecanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorobutanesulfonic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorohexanesulfonic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorooctanesulfonic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
NEtFOSAA	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
NMeFOSAA	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluoroundecanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1
Perfluorododecanoic acid	2.0	U	2.0		ng/L		07/12/22 10:35	07/14/22 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*91*		*70 - 130*	*07/12/22 10:35*	*07/14/22 10:23*	*1*
13C2 PFDA	*82*		*70 - 130*	*07/12/22 10:35*	*07/14/22 10:23*	*1*
13C2 PFHxA	*77*		*70 - 130*	*07/12/22 10:35*	*07/14/22 10:23*	*1*

Lab Sample ID: LCS 410-274600/2-A
Matrix: Water
Analysis Batch: 275380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 274600

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorohexanoic acid			20.5	17.2		ng/L		84	70 - 130		
Perfluoroheptanoic acid			20.5	18.4		ng/L		90	70 - 130		
Perfluorooctanoic acid			20.5	20.7		ng/L		101	70 - 130		
Perfluorononanoic acid			20.5	17.9		ng/L		88	70 - 130		
Perfluorodecanoic acid			20.5	18.6		ng/L		91	70 - 130		

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

Lab Sample ID: LCS 410-274600/2-A
Matrix: Water
Analysis Batch: 275380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 274600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid	20.5	17.6		ng/L		86	70 - 130
Perfluorotetradecanoic acid	20.5	18.0		ng/L		88	70 - 130
Perfluorobutanesulfonic acid	18.1	18.0		ng/L		99	70 - 130
Perfluorohexanesulfonic acid	18.7	16.8		ng/L		90	70 - 130
Perfluorooctanesulfonic acid	19.0	19.3		ng/L		102	70 - 130
NEtFOSAA	20.5	20.8		ng/L		102	70 - 130
NMeFOSAA	20.5	21.6		ng/L		105	70 - 130
Perfluoroundecanoic acid	20.5	18.2		ng/L		89	70 - 130
Perfluorododecanoic acid	20.5	17.3		ng/L		84	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*99*		*70 - 130*
13C2 PFDA	*91*		*70 - 130*
13C2 PFHxA	*85*		*70 - 130*

Lab Sample ID: LCSD 410-274600/3-A
Matrix: Water
Analysis Batch: 275380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 274600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	20.5	17.5		ng/L		85	70 - 130	1	30
Perfluoroheptanoic acid	20.5	19.0		ng/L		93	70 - 130	3	30
Perfluorooctanoic acid	20.5	21.4		ng/L		105	70 - 130	3	30
Perfluorononanoic acid	20.5	19.2		ng/L		94	70 - 130	7	30
Perfluorodecanoic acid	20.5	19.2		ng/L		94	70 - 130	4	30
Perfluorotridecanoic acid	20.5	18.1		ng/L		88	70 - 130	3	30
Perfluorotetradecanoic acid	20.5	18.8		ng/L		92	70 - 130	4	30
Perfluorobutanesulfonic acid	18.1	17.5		ng/L		97	70 - 130	2	30
Perfluorohexanesulfonic acid	18.7	18.1		ng/L		97	70 - 130	7	30
Perfluorooctanesulfonic acid	19.0	20.0		ng/L		105	70 - 130	4	30
NEtFOSAA	20.5	22.7		ng/L		111	70 - 130	9	30
NMeFOSAA	20.5	22.7		ng/L		111	70 - 130	5	30
Perfluoroundecanoic acid	20.5	19.2		ng/L		94	70 - 130	5	30
Perfluorododecanoic acid	20.5	17.6		ng/L		86	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*101*		*70 - 130*
13C2 PFDA	*94*		*70 - 130*
13C2 PFHxA	*91*		*70 - 130*

LCMS

Prep Batch: 274600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-90405-1 - DL	GAC Influent	Total/NA	Water	537 DW	
410-90405-1	GAC Influent	Total/NA	Water	537 DW	
410-90405-2	GAC Midfluent	Total/NA	Water	537 DW	
410-90405-3	GAC Effluent	Total/NA	Water	537 DW	
410-90405-4	PV-2_25	Total/NA	Water	537 DW	
410-90405-5	PV-2_50	Total/NA	Water	537 DW	
410-90405-6	PV-2_75	Total/NA	Water	537 DW	
410-90405-7	FTB01-220707	Total/NA	Water	537 DW	
410-90405-8	LTB01-220707	Total/NA	Water	537 DW	
MB 410-274600/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-274600/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-274600/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 275380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-90405-1	GAC Influent	Total/NA	Water	537 DW	274600
410-90405-1 - DL	GAC Influent	Total/NA	Water	537 DW	274600
410-90405-2	GAC Midfluent	Total/NA	Water	537 DW	274600
410-90405-3	GAC Effluent	Total/NA	Water	537 DW	274600
410-90405-4	PV-2_25	Total/NA	Water	537 DW	274600
410-90405-5	PV-2_50	Total/NA	Water	537 DW	274600
410-90405-6	PV-2_75	Total/NA	Water	537 DW	274600
410-90405-7	FTB01-220707	Total/NA	Water	537 DW	274600
410-90405-8	LTB01-220707	Total/NA	Water	537 DW	274600
MB 410-274600/1-A	Method Blank	Total/NA	Water	537 DW	274600
LCS 410-274600/2-A	Lab Control Sample	Total/NA	Water	537 DW	274600
LCSD 410-274600/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	274600

Prep Batch: 276506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-90405-1	GAC Influent	Total/NA	Water	537 (Mod)	
410-90405-2	GAC Midfluent	Total/NA	Water	537 (Mod)	
410-90405-3	GAC Effluent	Total/NA	Water	537 (Mod)	
410-90405-4	PV-2_25	Total/NA	Water	537 (Mod)	
410-90405-5	PV-2_50	Total/NA	Water	537 (Mod)	
410-90405-6	PV-2_75	Total/NA	Water	537 (Mod)	
410-90405-7	FTB01-220707	Total/NA	Water	537 (Mod)	
410-90405-8	LTB01-220707	Total/NA	Water	537 (Mod)	
MB 410-276506/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-276506/3-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-276506/4-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Analysis Batch: 281135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-90405-1	GAC Influent	Total/NA	Water	537 (Mod)	276506
410-90405-2	GAC Midfluent	Total/NA	Water	537 (Mod)	276506
410-90405-3	GAC Effluent	Total/NA	Water	537 (Mod)	276506
410-90405-4	PV-2_25	Total/NA	Water	537 (Mod)	276506
410-90405-5	PV-2_50	Total/NA	Water	537 (Mod)	276506
410-90405-6	PV-2_75	Total/NA	Water	537 (Mod)	276506
410-90405-7	FTB01-220707	Total/NA	Water	537 (Mod)	276506

LCMS (Continued)

Analysis Batch: 281135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-90405-8	LTB01-220707	Total/NA	Water	537 (Mod)	276506
MB 410-276506/1-A	Method Blank	Total/NA	Water	537 (Mod)	276506
LCS 410-276506/3-A	Lab Control Sample	Total/NA	Water	537 (Mod)	276506
LCSD 410-276506/4-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	276506

Lab Chronicle

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

Job ID: 410-90405-1
SDG: HOO

Client Sample ID: GAC Influent
Lab Sample ID: 410-90405-1
Date Collected: 07/07/22 09:40
Matrix: Water
Date Received: 07/08/22 10:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 17:06	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 12:30	DCS9	ELLE
Total/NA	Prep	537 DW	DL		274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW	DL	10	275380	07/14/22 12:42	DCS9	ELLE

Client Sample ID: GAC Midfluent
Lab Sample ID: 410-90405-2
Date Collected: 07/07/22 09:45
Matrix: Water
Date Received: 07/08/22 10:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 17:18	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 12:53	DCS9	ELLE

Client Sample ID: GAC Effluent
Lab Sample ID: 410-90405-3
Date Collected: 07/07/22 09:50
Matrix: Water
Date Received: 07/08/22 10:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 17:29	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 13:05	DCS9	ELLE

Client Sample ID: PV-2_25
Lab Sample ID: 410-90405-4
Date Collected: 07/07/22 09:53
Matrix: Water
Date Received: 07/08/22 10:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 17:40	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 13:16	DCS9	ELLE

Client Sample ID: PV-2_50
Lab Sample ID: 410-90405-5
Date Collected: 07/07/22 09:55
Matrix: Water
Date Received: 07/08/22 10:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 17:51	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 13:28	DCS9	ELLE

Lab Chronicle

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

Job ID: 410-90405-1
SDG: HOO

Client Sample ID: PV-2_75
Date Collected: 07/07/22 10:00
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 18:02	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 13:39	DCS9	ELLE

Client Sample ID: FTB01-220707
Date Collected: 07/07/22 10:05
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 18:13	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 13:51	DCS9	ELLE

Client Sample ID: LTB01-220707
Date Collected: 07/07/22 00:00
Date Received: 07/08/22 10:09

Lab Sample ID: 410-90405-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			276506	07/18/22 07:46	RC3V	ELLE
Total/NA	Analysis	537 (Mod)		1	281135	07/31/22 18:24	MT26	ELLE
Total/NA	Prep	537 DW			274600	07/12/22 10:35	HQ8B	ELLE
Total/NA	Analysis	537 DW		1	275380	07/14/22 14:02	DCS9	ELLE

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: 410-90405-1
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	04-01-23

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)	537 (Mod)	Water	6:2 Fluorotelomer sulfonic acid
537 (Mod)	537 (Mod)	Water	8:2 Fluorotelomer sulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluorobutanoic acid
537 (Mod)	537 (Mod)	Water	Perfluorodecanesulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluoroheptanesulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluorooctanesulfonamide
537 (Mod)	537 (Mod)	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: 410-90405-1
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 (Mod)	537 Version 1.1 modified	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: 410-90405-1
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-90405-1	GAC Influent	Water	07/07/22 09:40	07/08/22 10:09
410-90405-2	GAC Midfluent	Water	07/07/22 09:45	07/08/22 10:09
410-90405-3	GAC Effluent	Water	07/07/22 09:50	07/08/22 10:09
410-90405-4	PV-2_25	Water	07/07/22 09:53	07/08/22 10:09
410-90405-5	PV-2_50	Water	07/07/22 09:55	07/08/22 10:09
410-90405-6	PV-2_75	Water	07/07/22 10:00	07/08/22 10:09
410-90405-7	FTB01-220707	Water	07/07/22 10:05	07/08/22 10:09
410-90405-8	LTB01-220707	Water	07/07/22 00:00	07/08/22 10:09

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Recor

410-90405 Chain of Custody

eurofins Environment Testing America

Client Information	Sampler: C. Ormsby	Lab PM: Hobart, Paul	COC No: 410-42498-12960.2
Client Contact: Jonathan Dippert, Kirk Moline	Phone:	E-Mail: Paul.Hobart@et.eurofinsus.com	State of Origin: NY	Page: Page 2 of 2 → 1 of 1
Company: CT Male Associates DPC	PWSID:			Job #:
Address: 50 Century Hill Dr	Due Date Requested:			
City: Latham	TAT Requested (days): Standard			
State, Zip: NY, 12110	Compliance Project: Δ Yes Δ No			
Phone: 518-786-7400	PO #: Purchase Order not required			
Email: j.dippert@ctmale.com, K.Moline@ctmale.com	WO #:			
Project Name: Hoosick Falls WTP	Project #: 41000511			
Site:	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, 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 Codes:			N	N					
GAC INFLUENT	7/7/22	0940	G	Water			X	X		X	PFAS Batch QC collected here
GAC MIDFLUENT		0945		Water			X	X			PV-1
GAC EFFLUENT		0950		Water			X	X			
PV-2_25		0953		Water			X	X			
PV-2_50		0955		Water			X	X			
PV-2_75		1000		Water			X	X			
FTB01-220707		1005		Water			X	X			
LTB01-220707		—		Water	V	V	X	X			

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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 7/7/22 1415	Company: GM	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: NMR	Date/Time: 7/8/22 1009	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.2

Ver: 06/08/2021

8/1/2022 MR

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-90405-1
SDG Number: HOO

Login Number: 90405
List Number: 1
Creator: McBeth, Jessica

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	