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ANALYTICAL REPORT

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

Laboratory Job ID: 410-64207-1
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:
12/6/2021 10:58:16 AM

Paul Hobart, Project Manager
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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.

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Paul Hobart
Project Manager
12/6/2021 10:58:16 AM

Table of Contents

Definitions/Glossary

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

Job ID: 410-64207-1

Qualifiers

LCMS

Qualifier	Qualifier Description
E	Result exceeded calibration range.
S1+	Surrogate recovery exceeds control limits, high 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
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

Job ID: 410-64207-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-64207-1

Receipt

The samples were received on 11/19/2021 10:54 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 0.8°C

PFAS

Method 537_DW: The recovery for the surrogates in the method blank associated with the following sample: FTB01-211118 (410-64207-7) is outside of QC acceptance limits. Because none of the target analyte(s) are detected in the method blank the results are reported.The recovery for the surrogates in the laboratory control sample associated with the following sample: FTB01-211118 (410-64207-7) is outside of QC acceptance limits. Because none of the target analyte(s) are outside of QC acceptance limits in the laboratory control sample(s) the results are reported.The recovery for the surrogates in the following sample: FTB01-211118 (410-64207-7) is outside of QC acceptance limits. Because none of the target analyte(s) are detected in the sample the results are reported.

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

Detection Summary

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

Job ID: 410-64207-1

Client Sample ID: GAC-INFLUENT — Lab Sample ID: 410-64207-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	5.4		4.4		ng/L	1		537 (Mod)	Total/NA
Perfluorooctanesulfonamide	2.0		1.8		ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	6.3		1.8		ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	16		1.8		ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	18		1.8		ng/L	1		537 DW	Total/NA
Perfluorobutanesulfonic acid	2.0		1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	3.3		1.8		ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	590		18		ng/L	10		537 DW	Total/NA

Client Sample ID: GAC-MIDFLUENT — Lab Sample ID: 410-64207-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	6.2		4.3		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: GAC-EFFLUENT — Lab Sample ID: 410-64207-3

No Detections.

Client Sample ID: PV-1_25 — Lab Sample ID: 410-64207-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.9		4.3		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: PV-1_50 — Lab Sample ID: 410-64207-5

No Detections.

Client Sample ID: PV-1_75 — Lab Sample ID: 410-64207-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid	2.2		1.7		ng/L	1		537 DW	Total/NA

Client Sample ID: FTB01-211118 — Lab Sample ID: 410-64207-7

No Detections.

Client Sample ID: LTB01-211118 — Lab Sample ID: 410-64207-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample ID: GAC-INFLUENT
Date Collected: 11/18/21 09:40
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-1
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	4.4	U	4.4		ng/L		11/30/21 17:48	12/01/21 23:50	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7		ng/L		11/30/21 17:48	12/01/21 23:50	1
Perfluorobutanoic acid	**5.4**		4.4		ng/L		11/30/21 17:48	12/01/21 23:50	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/01/21 23:50	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/01/21 23:50	1
Perfluorooctanesulfonamide	**2.0**		1.8		ng/L		11/30/21 17:48	12/01/21 23:50	1
Perfluoropentanoic acid	**6.3**		1.8		ng/L		11/30/21 17:48	12/01/21 23:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*92*		*29 - 189*	*11/30/21 17:48*	*12/01/21 23:50*	*1*
M2-8:2 FTS	*101*		*34 - 182*	*11/30/21 17:48*	*12/01/21 23:50*	*1*
13C4 PFBA	*97*		*41 - 132*	*11/30/21 17:48*	*12/01/21 23:50*	*1*
13C5 PFPeA	*104*		*33 - 155*	*11/30/21 17:48*	*12/01/21 23:50*	*1*
13C8 PFOS	*94*		*49 - 126*	*11/30/21 17:48*	*12/01/21 23:50*	*1*
13C8 FOSA	*77*		*10 - 143*	*11/30/21 17:48*	*12/01/21 23:50*	*1*
13C3 PFHxS	*107*		*32 - 145*	*11/30/21 17:48*	*12/01/21 23:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**16**		1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluoroheptanoic acid	**18**		1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorotetradecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorobutanesulfonic acid	**2.0**		1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorooctanesulfonic acid	**3.3**		1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
NEtFOSAA	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
NMeFOSAA	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:29*	*1*
13C2 PFDA	*122*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:29*	*1*
13C2 PFHxA	*116*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	**590**		18		ng/L		11/27/21 06:08	12/02/21 03:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*101*		*70 - 130*	*11/27/21 06:08*	*12/02/21 03:40*	*10*
13C2 PFDA	*111*		*70 - 130*	*11/27/21 06:08*	*12/02/21 03:40*	*10*
13C2 PFHxA	*107*		*70 - 130*	*11/27/21 06:08*	*12/02/21 03:40*	*10*

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

Job ID: 410-64207-1

Client Sample ID: GAC-MIDFLUENT
Date Collected: 11/18/21 09:45
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-2
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		11/30/21 17:48	12/02/21 00:01	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		11/30/21 17:48	12/02/21 00:01	1
Perfluorobutanoic acid	**6.2**		4.3		ng/L		11/30/21 17:48	12/02/21 00:01	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:01	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:01	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:01	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*119*		*29 - 189*	*11/30/21 17:48*	*12/02/21 00:01*	*1*
M2-8:2 FTS	*139*		*34 - 182*	*11/30/21 17:48*	*12/02/21 00:01*	*1*
13C4 PFBA	*113*		*41 - 132*	*11/30/21 17:48*	*12/02/21 00:01*	*1*
13C5 PFPeA	*117*		*33 - 155*	*11/30/21 17:48*	*12/02/21 00:01*	*1*
13C8 PFOS	*114*		*49 - 126*	*11/30/21 17:48*	*12/02/21 00:01*	*1*
13C8 FOSA	*108*		*10 - 143*	*11/30/21 17:48*	*12/02/21 00:01*	*1*
13C3 PFHxS	*112*		*32 - 145*	*11/30/21 17:48*	*12/02/21 00:01*	*1*

Method: 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		11/27/21 06:08	11/30/21 21:40	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
NEtFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
NMeFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*95*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:40*	*1*
13C2 PFDA	*103*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:40*	*1*
13C2 PFHxA	*99*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:40*	*1*

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

Job ID: 410-64207-1

Client Sample ID: GAC-EFFLUENT
Date Collected: 11/18/21 09:50
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-3
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		11/30/21 17:48	12/02/21 00:12	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		11/30/21 17:48	12/02/21 00:12	1
Perfluorobutanoic acid	4.4	U	4.4		ng/L		11/30/21 17:48	12/02/21 00:12	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:12	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:12	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:12	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*104*		*29 - 189*	*11/30/21 17:48*	*12/02/21 00:12*	*1*
M2-8:2 FTS	*110*		*34 - 182*	*11/30/21 17:48*	*12/02/21 00:12*	*1*
13C4 PFBA	*103*		*41 - 132*	*11/30/21 17:48*	*12/02/21 00:12*	*1*
13C5 PFPeA	*107*		*33 - 155*	*11/30/21 17:48*	*12/02/21 00:12*	*1*
13C8 PFOS	*104*		*49 - 126*	*11/30/21 17:48*	*12/02/21 00:12*	*1*
13C8 FOSA	*100*		*10 - 143*	*11/30/21 17:48*	*12/02/21 00:12*	*1*
13C3 PFHxS	*102*		*32 - 145*	*11/30/21 17:48*	*12/02/21 00:12*	*1*

Method: 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		11/27/21 06:08	11/30/21 21:52	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
NEtFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
NMeFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*106*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:52*	*1*
13C2 PFDA	*102*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:52*	*1*
13C2 PFHxA	*103*		*70 - 130*	*11/27/21 06:08*	*11/30/21 21:52*	*1*

Client Sample ID: PV-1_25
Date Collected: 11/18/21 09:55
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-4
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	4.3	U	4.3		ng/L		11/30/21 17:48	12/02/21 00:23	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		11/30/21 17:48	12/02/21 00:23	1
Perfluorobutanoic acid	**4.9**		4.3		ng/L		11/30/21 17:48	12/02/21 00:23	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:23	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:23	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:23	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*93*		*29 - 189*	*11/30/21 17:48*	*12/02/21 00:23*	*1*
M2-8:2 FTS	*89*		*34 - 182*	*11/30/21 17:48*	*12/02/21 00:23*	*1*
13C4 PFBA	*99*		*41 - 132*	*11/30/21 17:48*	*12/02/21 00:23*	*1*
13C5 PFPeA	*101*		*33 - 155*	*11/30/21 17:48*	*12/02/21 00:23*	*1*
13C8 PFOS	*93*		*49 - 126*	*11/30/21 17:48*	*12/02/21 00:23*	*1*
13C8 FOSA	*86*		*10 - 143*	*11/30/21 17:48*	*12/02/21 00:23*	*1*
13C3 PFHxS	*92*		*32 - 145*	*11/30/21 17:48*	*12/02/21 00:23*	*1*

Method: 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		11/27/21 06:08	11/30/21 22:03	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
NEtFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
NMeFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*104*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:03*	*1*
13C2 PFDA	*102*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:03*	*1*
13C2 PFHxA	*101*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:03*	*1*

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

Job ID: 410-64207-1

Client Sample ID: PV-1_50
Date Collected: 11/18/21 09:57
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-5
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	4.3	U	4.3		ng/L		11/30/21 17:48	12/02/21 00:34	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		11/30/21 17:48	12/02/21 00:34	1
Perfluorobutanoic acid	4.3	U	4.3		ng/L		11/30/21 17:48	12/02/21 00:34	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:34	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:34	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:34	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*106*		*29 - 189*	*11/30/21 17:48*	*12/02/21 00:34*	*1*
M2-8:2 FTS	*108*		*34 - 182*	*11/30/21 17:48*	*12/02/21 00:34*	*1*
13C4 PFBA	*108*		*41 - 132*	*11/30/21 17:48*	*12/02/21 00:34*	*1*
13C5 PFPeA	*116*		*33 - 155*	*11/30/21 17:48*	*12/02/21 00:34*	*1*
13C8 PFOS	*105*		*49 - 126*	*11/30/21 17:48*	*12/02/21 00:34*	*1*
13C8 FOSA	*99*		*10 - 143*	*11/30/21 17:48*	*12/02/21 00:34*	*1*
13C3 PFHxS	*101*		*32 - 145*	*11/30/21 17:48*	*12/02/21 00:34*	*1*

Method: 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		11/27/21 06:08	11/30/21 22:15	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
NEtFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
NMeFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:15*	*1*
13C2 PFDA	*101*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:15*	*1*
13C2 PFHxA	*99*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:15*	*1*

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

Job ID: 410-64207-1

Client Sample ID: PV-1_75
Date Collected: 11/18/21 10:00
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-6
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	4.3	U	4.3		ng/L		11/30/21 17:48	12/02/21 00:45	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		11/30/21 17:48	12/02/21 00:45	1
Perfluorobutanoic acid	4.3	U	4.3		ng/L		11/30/21 17:48	12/02/21 00:45	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:45	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:45	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:45	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		11/30/21 17:48	12/02/21 00:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*106*		*29 - 189*	*11/30/21 17:48*	*12/02/21 00:45*	*1*
M2-8:2 FTS	*97*		*34 - 182*	*11/30/21 17:48*	*12/02/21 00:45*	*1*
13C4 PFBA	*101*		*41 - 132*	*11/30/21 17:48*	*12/02/21 00:45*	*1*
13C5 PFPeA	*101*		*33 - 155*	*11/30/21 17:48*	*12/02/21 00:45*	*1*
13C8 PFOS	*100*		*49 - 126*	*11/30/21 17:48*	*12/02/21 00:45*	*1*
13C8 FOSA	*92*		*10 - 143*	*11/30/21 17:48*	*12/02/21 00:45*	*1*
13C3 PFHxS	*101*		*32 - 145*	*11/30/21 17:48*	*12/02/21 00:45*	*1*

Method: 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		11/27/21 06:08	11/30/21 22:27	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorobutanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorooctanesulfonic acid	**2.2**		1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
NEtFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
NMeFOSAA	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		11/27/21 06:08	11/30/21 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:27*	*1*
13C2 PFDA	*104*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:27*	*1*
13C2 PFHxA	*103*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:27*	*1*

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

Job ID: 410-64207-1

Client Sample ID: FTB01-211118
Date Collected: 11/18/21 10:05
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-7
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	4.4	U	4.4		ng/L		11/30/21 17:48	12/02/21 01:07	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		11/30/21 17:48	12/02/21 01:07	1
Perfluorobutanoic acid	4.4	U	4.4		ng/L		11/30/21 17:48	12/02/21 01:07	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:07	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:07	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:07	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*107*		*29 - 189*	*11/30/21 17:48*	*12/02/21 01:07*	*1*
M2-8:2 FTS	*117*		*34 - 182*	*11/30/21 17:48*	*12/02/21 01:07*	*1*
13C4 PFBA	*105*		*41 - 132*	*11/30/21 17:48*	*12/02/21 01:07*	*1*
13C5 PFPeA	*110*		*33 - 155*	*11/30/21 17:48*	*12/02/21 01:07*	*1*
13C8 PFOS	*107*		*49 - 126*	*11/30/21 17:48*	*12/02/21 01:07*	*1*
13C8 FOSA	*93*		*10 - 143*	*11/30/21 17:48*	*12/02/21 01:07*	*1*
13C3 PFHxS	*106*		*32 - 145*	*11/30/21 17:48*	*12/02/21 01:07*	*1*

Method: 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		12/02/21 17:22	12/05/21 16:00	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorotetradecanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
NEtFOSAA	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
NMeFOSAA	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		12/02/21 17:22	12/05/21 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*103*		*70 - 130*	*12/02/21 17:22*	*12/05/21 16:00*	*1*
13C2 PFDA	*133*	*S1+*	*70 - 130*	*12/02/21 17:22*	*12/05/21 16:00*	*1*
13C2 PFHxA	*137*	*S1+*	*70 - 130*	*12/02/21 17:22*	*12/05/21 16:00*	*1*

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

Job ID: 410-64207-1

Client Sample ID: LTB01-211118
Date Collected: 11/18/21 00:00
Date Received: 11/19/21 10:54

Lab Sample ID: 410-64207-8
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	4.5	U	4.5		ng/L		11/30/21 17:48	12/02/21 01:18	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7		ng/L		11/30/21 17:48	12/02/21 01:18	1
Perfluorobutanoic acid	4.5	U	4.5		ng/L		11/30/21 17:48	12/02/21 01:18	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:18	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:18	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:18	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		11/30/21 17:48	12/02/21 01:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*100*		*29 - 189*	*11/30/21 17:48*	*12/02/21 01:18*	*1*
M2-8:2 FTS	*106*		*34 - 182*	*11/30/21 17:48*	*12/02/21 01:18*	*1*
13C4 PFBA	*101*		*41 - 132*	*11/30/21 17:48*	*12/02/21 01:18*	*1*
13C5 PFPeA	*107*		*33 - 155*	*11/30/21 17:48*	*12/02/21 01:18*	*1*
13C8 PFOS	*104*		*49 - 126*	*11/30/21 17:48*	*12/02/21 01:18*	*1*
13C8 FOSA	*93*		*10 - 143*	*11/30/21 17:48*	*12/02/21 01:18*	*1*
13C3 PFHxS	*98*		*32 - 145*	*11/30/21 17:48*	*12/02/21 01:18*	*1*

Method: 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		11/27/21 06:08	11/30/21 22:50	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorotetradecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorobutanesulfonic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
NEtFOSAA	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
NMeFOSAA	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		11/27/21 06:08	11/30/21 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:50*	*1*
13C2 PFDA	*104*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:50*	*1*
13C2 PFHxA	*81*		*70 - 130*	*11/27/21 06:08*	*11/30/21 22:50*	*1*

Surrogate Summary

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

Job ID: 410-64207-1

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)						
410-64207-1	GAC-INFLUENT	96	122	116						
410-64207-1 - DL	GAC-INFLUENT	101	111	107						
410-64207-2	GAC-MIDFLUENT	95	103	99						
410-64207-3	GAC-EFFLUENT	106	102	103						
410-64207-4	PV-1_25	104	102	101						
410-64207-5	PV-1_50	98	101	99						
410-64207-6	PV-1_75	96	104	103						
410-64207-7	FTB01-211118	103	133 S1+	137 S1+						
410-64207-8	LTB01-211118	98	104	81						
LCS 410-198853/2-A	Lab Control Sample	103	104	105						
LCS 410-200885/2-A	Lab Control Sample	116	142 S1+	145 S1+						
LCSD 410-198853/3-A	Lab Control Sample Dup	94	97	102						
LCSD 410-200885/3-A	Lab Control Sample Dup	123	132 S1+	146 S1+						
MB 410-198853/1-A	Method Blank	108	102	108						
MB 410-200885/1-A	Method Blank	124	132 S1+	149 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: 410-64207-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		M262FTS	M282FTS	PFBA	PFPeA	C8PFOS	PFOSA	C3PFHS
Lab Sample ID	Client Sample ID	(29-189)	(34-182)	(41-132)	(33-155)	(49-126)	(10-143)	(32-145)
410-64207-1	GAC-INFLUENT	92	101	97	104	94	77	107
410-64207-2	GAC-MIDFLUENT	119	139	113	117	114	108	112
410-64207-3	GAC-EFFLUENT	104	110	103	107	104	100	102
410-64207-4	PV-1_25	93	89	99	101	93	86	92
410-64207-5	PV-1_50	106	108	108	116	105	99	101
410-64207-6	PV-1_75	106	97	101	101	100	92	101
410-64207-7	FTB01-211118	107	117	105	110	107	93	106
410-64207-8	LTB01-211118	100	106	101	107	104	93	98
LCS 410-199841/2-A	Lab Control Sample	101	113	105	107	104	95	104
LCSD 410-199841/3-A	Lab Control Sample Dup	94	94	94	92	92	81	92
MB 410-199841/1-A	Method Blank	108	115	113	115	111	103	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 410-199841/1-A
Matrix: Water
Analysis Batch: 200226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199841

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0		ng/L		11/30/21 17:48	12/01/21 22:32	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0		ng/L		11/30/21 17:48	12/01/21 22:32	1
Perfluorobutanoic acid	5.0	U	5.0		ng/L		11/30/21 17:48	12/01/21 22:32	1
Perfluorodecanesulfonic acid	2.0	U	2.0		ng/L		11/30/21 17:48	12/01/21 22:32	1
Perfluoroheptanesulfonic acid	2.0	U	2.0		ng/L		11/30/21 17:48	12/01/21 22:32	1
Perfluorooctanesulfonamide	2.0	U	2.0		ng/L		11/30/21 17:48	12/01/21 22:32	1
Perfluoropentanoic acid	2.0	U	2.0		ng/L		11/30/21 17:48	12/01/21 22:32	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*108*		*29 - 189*	*11/30/21 17:48*	*12/01/21 22:32*	*1*
M2-8:2 FTS	*115*		*34 - 182*	*11/30/21 17:48*	*12/01/21 22:32*	*1*
13C4 PFBA	*113*		*41 - 132*	*11/30/21 17:48*	*12/01/21 22:32*	*1*
13C5 PFPeA	*115*		*33 - 155*	*11/30/21 17:48*	*12/01/21 22:32*	*1*
13C8 PFOS	*111*		*49 - 126*	*11/30/21 17:48*	*12/01/21 22:32*	*1*
13C8 FOSA	*103*		*10 - 143*	*11/30/21 17:48*	*12/01/21 22:32*	*1*
13C3 PFHxS	*110*		*32 - 145*	*11/30/21 17:48*	*12/01/21 22:32*	*1*

Lab Sample ID: LCS 410-199841/2-A
Matrix: Water
Analysis Batch: 200226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199841

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
6:2 Fluorotelomer sulfonic acid			24.3	26.5		ng/L		109	57 - 137		
8:2 Fluorotelomer sulfonic acid			24.5	22.9		ng/L		93	56 - 140		
Perfluorobutanoic acid			25.6	23.9		ng/L		94	62 - 156		
Perfluorodecanesulfonic acid			24.7	21.9		ng/L		89	61 - 134		
Perfluoroheptanesulfonic acid			24.4	23.1		ng/L		95	67 - 135		
Perfluorooctanesulfonamide			25.6	25.7		ng/L		100	55 - 130		
Perfluoropentanoic acid			25.6	21.7		ng/L		85	72 - 139		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*101*		*29 - 189*
M2-8:2 FTS	*113*		*34 - 182*
13C4 PFBA	*105*		*41 - 132*
13C5 PFPeA	*107*		*33 - 155*
13C8 PFOS	*104*		*49 - 126*
13C8 FOSA	*95*		*10 - 143*
13C3 PFHxS	*104*		*32 - 145*

Lab Sample ID: LCSD 410-199841/3-A
Matrix: Water
Analysis Batch: 200226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199841

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
6:2 Fluorotelomer sulfonic acid			24.3	25.3		ng/L		104	57 - 137	5	30
8:2 Fluorotelomer sulfonic acid			24.5	24.6		ng/L		100	56 - 140	7	30
Perfluorobutanoic acid			25.6	24.3		ng/L		95	62 - 156	2	30
Perfluorodecanesulfonic acid			24.7	23.0		ng/L		93	61 - 134	5	30
Perfluoroheptanesulfonic acid			24.4	22.5		ng/L		92	67 - 135	3	30

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

Lab Sample ID: LCSD 410-199841/3-A
Matrix: Water
Analysis Batch: 200226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199841

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonamide			25.6	27.3		ng/L		107	55 - 130	6	30
Perfluoropentanoic acid			25.6	22.5		ng/L		88	72 - 139	4	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
M2-6:2 FTS	*94*		*29 - 189*
M2-8:2 FTS	*94*		*34 - 182*
13C4 PFBA	*94*		*41 - 132*
13C5 PFPeA	*92*		*33 - 155*
13C8 PFOS	*92*		*49 - 126*
13C8 FOSA	*81*		*10 - 143*
13C3 PFHxS	*92*		*32 - 145*

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

Lab Sample ID: MB 410-198853/1-A
Matrix: Water
Analysis Batch: 199685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 198853

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluoroheptanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorooctanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorononanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorodecanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorotridecanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorotetradecanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorobutanesulfonic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorohexanesulfonic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorooctanesulfonic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
NEtFOSAA	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
NMeFOSAA	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluoroundecanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1
Perfluorododecanoic acid	2.0	U	2.0		ng/L		11/27/21 06:08	11/30/21 20:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*108*		*70 - 130*	*11/27/21 06:08*	*11/30/21 20:42*	*1*
13C2 PFDA	*102*		*70 - 130*	*11/27/21 06:08*	*11/30/21 20:42*	*1*
13C2 PFHxA	*108*		*70 - 130*	*11/27/21 06:08*	*11/30/21 20:42*	*1*

Lab Sample ID: LCS 410-198853/2-A
Matrix: Water
Analysis Batch: 199685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 198853

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorohexanoic acid			80.0	78.0		ng/L		98	70 - 130		
Perfluoroheptanoic acid			80.0	82.6	E	ng/L		103	70 - 130		
Perfluorooctanoic acid			80.0	82.7	E	ng/L		103	70 - 130		
Perfluorononanoic acid			80.0	79.6		ng/L		99	70 - 130		
Perfluorodecanoic acid			80.0	76.0		ng/L		95	70 - 130		

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

Lab Sample ID: LCS 410-198853/2-A
Matrix: Water
Analysis Batch: 199685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 198853

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorotridecanoic acid			80.0	80.5	E	ng/L		101	70 - 130		
Perfluorotetradecanoic acid			80.0	77.8		ng/L		97	70 - 130		
Perfluorobutanesulfonic acid			70.8	73.4	E	ng/L		104	70 - 130		
Perfluorohexanesulfonic acid			73.0	77.8	E	ng/L		107	70 - 130		
Perfluorooctanesulfonic acid			74.0	72.2		ng/L		98	70 - 130		
NEtFOSAA			80.0	79.3		ng/L		99	70 - 130		
NMeFOSAA			80.0	76.7		ng/L		96	70 - 130		
Perfluoroundecanoic acid			80.0	78.0		ng/L		97	70 - 130		
Perfluorododecanoic acid			80.0	80.2	E	ng/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*103*		*70 - 130*
13C2 PFDA	*104*		*70 - 130*
13C2 PFHxA	*105*		*70 - 130*

Lab Sample ID: LCSD 410-198853/3-A
Matrix: Water
Analysis Batch: 199685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 198853

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid			80.0	76.6		ng/L		96	70 - 130	2	30
Perfluoroheptanoic acid			80.0	79.6		ng/L		100	70 - 130	4	30
Perfluorooctanoic acid			80.0	80.9	E	ng/L		101	70 - 130	2	30
Perfluorononanoic acid			80.0	75.3		ng/L		94	70 - 130	5	30
Perfluorodecanoic acid			80.0	73.0		ng/L		91	70 - 130	4	30
Perfluorotridecanoic acid			80.0	74.9		ng/L		94	70 - 130	7	30
Perfluorotetradecanoic acid			80.0	74.2		ng/L		93	70 - 130	5	30
Perfluorobutanesulfonic acid			70.8	73.6	E	ng/L		104	70 - 130	0	30
Perfluorohexanesulfonic acid			73.0	77.0	E	ng/L		106	70 - 130	1	30
Perfluorooctanesulfonic acid			74.0	68.1		ng/L		92	70 - 130	6	30
NEtFOSAA			80.0	73.8		ng/L		92	70 - 130	7	30
NMeFOSAA			80.0	71.2		ng/L		89	70 - 130	7	30
Perfluoroundecanoic acid			80.0	75.0		ng/L		94	70 - 130	4	30
Perfluorododecanoic acid			80.0	73.6		ng/L		92	70 - 130	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*94*		*70 - 130*
13C2 PFDA	*97*		*70 - 130*
13C2 PFHxA	*102*		*70 - 130*

Lab Sample ID: MB 410-200885/1-A
Matrix: Water
Analysis Batch: 201614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200885

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluoroheptanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorooctanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1

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

Lab Sample ID: MB 410-200885/1-A
Matrix: Water
Analysis Batch: 201614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200885

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorodecanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorotridecanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorotetradecanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorobutanesulfonic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorohexanesulfonic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorooctanesulfonic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
NEtFOSAA	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
NMeFOSAA	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluoroundecanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1
Perfluorododecanoic acid	2.0	U	2.0		ng/L		12/02/21 17:22	12/05/21 15:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*124*		*70 - 130*	*12/02/21 17:22*	*12/05/21 15:14*	*1*
13C2 PFDA	*132*	*S1+*	*70 - 130*	*12/02/21 17:22*	*12/05/21 15:14*	*1*
13C2 PFHxA	*149*	*S1+*	*70 - 130*	*12/02/21 17:22*	*12/05/21 15:14*	*1*

Lab Sample ID: LCS 410-200885/2-A
Matrix: Water
Analysis Batch: 201614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200885

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorohexanoic acid			80.0	87.6	E	ng/L		109	70 - 130		
Perfluoroheptanoic acid			80.0	90.7	E	ng/L		113	70 - 130		
Perfluorooctanoic acid			80.0	86.4	E	ng/L		108	70 - 130		
Perfluorononanoic acid			80.0	82.2	E	ng/L		103	70 - 130		
Perfluorodecanoic acid			80.0	83.9	E	ng/L		105	70 - 130		
Perfluorotridecanoic acid			80.0	80.1	E	ng/L		100	70 - 130		
Perfluorotetradecanoic acid			80.0	83.3	E	ng/L		104	70 - 130		
Perfluorobutanesulfonic acid			70.8	67.6		ng/L		95	70 - 130		
Perfluorohexanesulfonic acid			73.0	74.5	E	ng/L		102	70 - 130		
Perfluorooctanesulfonic acid			74.0	70.9		ng/L		96	70 - 130		
NEtFOSAA			80.0	72.0		ng/L		90	70 - 130		
NMeFOSAA			80.0	70.7		ng/L		88	70 - 130		
Perfluoroundecanoic acid			80.0	78.4		ng/L		98	70 - 130		
Perfluorododecanoic acid			80.0	91.6	E	ng/L		114	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*116*		*70 - 130*
13C2 PFDA	*142*	*S1+*	*70 - 130*
13C2 PFHxA	*145*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 410-200885/3-A
Matrix: Water
Analysis Batch: 201614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200885

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid			80.0	94.5	E	ng/L		118	70 - 130	8	30

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

Lab Sample ID: LCSD 410-200885/3-A
Matrix: Water
Analysis Batch: 201614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200885

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluoroheptanoic acid			80.0	93.8	E	ng/L		117	70 - 130	3	30
Perfluorooctanoic acid			80.0	94.2	E	ng/L		118	70 - 130	9	30
Perfluorononanoic acid			80.0	85.2	E	ng/L		107	70 - 130	4	30
Perfluorodecanoic acid			80.0	83.2	E	ng/L		104	70 - 130	1	30
Perfluorotridecanoic acid			80.0	83.8	E	ng/L		105	70 - 130	5	30
Perfluorotetradecanoic acid			80.0	84.3	E	ng/L		105	70 - 130	1	30
Perfluorobutanesulfonic acid			70.8	68.8		ng/L		97	70 - 130	2	30
Perfluorohexanesulfonic acid			73.0	70.8		ng/L		97	70 - 130	5	30
Perfluorooctanesulfonic acid			74.0	69.0		ng/L		93	70 - 130	3	30
NEtFOSAA			80.0	78.8		ng/L		98	70 - 130	9	30
NMeFOSAA			80.0	77.1		ng/L		96	70 - 130	9	30
Perfluoroundecanoic acid			80.0	81.7	E	ng/L		102	70 - 130	4	30
Perfluorododecanoic acid			80.0	90.0	E	ng/L		112	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*123*		*70 - 130*
13C2 PFDA	*132*	*S1+*	*70 - 130*
13C2 PFHxA	*146*	*S1+*	*70 - 130*

LCMS

Prep Batch: 198853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-1 - DL	GAC-INFLUENT	Total/NA	Water	537 DW	
410-64207-1	GAC-INFLUENT	Total/NA	Water	537 DW	
410-64207-2	GAC-MIDFLUENT	Total/NA	Water	537 DW	
410-64207-3	GAC-EFFLUENT	Total/NA	Water	537 DW	
410-64207-4	PV-1_25	Total/NA	Water	537 DW	
410-64207-5	PV-1_50	Total/NA	Water	537 DW	
410-64207-6	PV-1_75	Total/NA	Water	537 DW	
410-64207-8	LTB01-211118	Total/NA	Water	537 DW	
MB 410-198853/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-198853/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-198853/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 199685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-1	GAC-INFLUENT	Total/NA	Water	537 DW	198853
410-64207-2	GAC-MIDFLUENT	Total/NA	Water	537 DW	198853
410-64207-3	GAC-EFFLUENT	Total/NA	Water	537 DW	198853
410-64207-4	PV-1_25	Total/NA	Water	537 DW	198853
410-64207-5	PV-1_50	Total/NA	Water	537 DW	198853
410-64207-6	PV-1_75	Total/NA	Water	537 DW	198853
410-64207-8	LTB01-211118	Total/NA	Water	537 DW	198853
MB 410-198853/1-A	Method Blank	Total/NA	Water	537 DW	198853
LCS 410-198853/2-A	Lab Control Sample	Total/NA	Water	537 DW	198853
LCSD 410-198853/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	198853

Prep Batch: 199841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-1	GAC-INFLUENT	Total/NA	Water	537 (Mod)	
410-64207-2	GAC-MIDFLUENT	Total/NA	Water	537 (Mod)	
410-64207-3	GAC-EFFLUENT	Total/NA	Water	537 (Mod)	
410-64207-4	PV-1_25	Total/NA	Water	537 (Mod)	
410-64207-5	PV-1_50	Total/NA	Water	537 (Mod)	
410-64207-6	PV-1_75	Total/NA	Water	537 (Mod)	
410-64207-7	FTB01-211118	Total/NA	Water	537 (Mod)	
410-64207-8	LTB01-211118	Total/NA	Water	537 (Mod)	
MB 410-199841/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-199841/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-199841/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Analysis Batch: 200198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-1 - DL	GAC-INFLUENT	Total/NA	Water	537 DW	198853

Analysis Batch: 200226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-1	GAC-INFLUENT	Total/NA	Water	537 (Mod)	199841
410-64207-2	GAC-MIDFLUENT	Total/NA	Water	537 (Mod)	199841
410-64207-3	GAC-EFFLUENT	Total/NA	Water	537 (Mod)	199841
410-64207-4	PV-1_25	Total/NA	Water	537 (Mod)	199841
410-64207-5	PV-1_50	Total/NA	Water	537 (Mod)	199841
410-64207-6	PV-1_75	Total/NA	Water	537 (Mod)	199841

LCMS (Continued)

Analysis Batch: 200226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-7	FTB01-211118	Total/NA	Water	537 (Mod)	199841
410-64207-8	LTB01-211118	Total/NA	Water	537 (Mod)	199841
MB 410-199841/1-A	Method Blank	Total/NA	Water	537 (Mod)	199841
LCS 410-199841/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	199841
LCSD 410-199841/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	199841

Prep Batch: 200885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-7	FTB01-211118	Total/NA	Water	537 DW	
MB 410-200885/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-200885/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-200885/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 201614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-64207-7	FTB01-211118	Total/NA	Water	537 DW	200885
MB 410-200885/1-A	Method Blank	Total/NA	Water	537 DW	200885
LCS 410-200885/2-A	Lab Control Sample	Total/NA	Water	537 DW	200885
LCSD 410-200885/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	200885

Lab Chronicle

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

Job ID: 410-64207-1

Client Sample ID: GAC-INFLUENT
Lab Sample ID: 410-64207-1
Date Collected: 11/18/21 09:40
Matrix: Water
Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/01/21 23:50	UUV6	ELLE
Total/NA	Prep	537 DW			198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW		1	199685	11/30/21 21:29	PY4D	ELLE
Total/NA	Prep	537 DW	DL		198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW	DL	10	200198	12/02/21 03:40	VK3G	ELLE

Client Sample ID: GAC-MIDFLUENT
Lab Sample ID: 410-64207-2
Date Collected: 11/18/21 09:45
Matrix: Water
Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/02/21 00:01	UUV6	ELLE
Total/NA	Prep	537 DW			198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW		1	199685	11/30/21 21:40	PY4D	ELLE

Client Sample ID: GAC-EFFLUENT
Lab Sample ID: 410-64207-3
Date Collected: 11/18/21 09:50
Matrix: Water
Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/02/21 00:12	UUV6	ELLE
Total/NA	Prep	537 DW			198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW		1	199685	11/30/21 21:52	PY4D	ELLE

Client Sample ID: PV-1_25
Lab Sample ID: 410-64207-4
Date Collected: 11/18/21 09:55
Matrix: Water
Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/02/21 00:23	UUV6	ELLE
Total/NA	Prep	537 DW			198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW		1	199685	11/30/21 22:03	PY4D	ELLE

Client Sample ID: PV-1_50
Lab Sample ID: 410-64207-5
Date Collected: 11/18/21 09:57
Matrix: Water
Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/02/21 00:34	UUV6	ELLE
Total/NA	Prep	537 DW			198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW		1	199685	11/30/21 22:15	PY4D	ELLE

Lab Chronicle

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

Job ID: 410-64207-1

Client Sample ID: PV-1_75

Lab Sample ID: 410-64207-6

Date Collected: 11/18/21 10:00

Matrix: Water

Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/02/21 00:45	UUV6	ELLE
Total/NA	Prep	537 DW			198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW		1	199685	11/30/21 22:27	PY4D	ELLE

Client Sample ID: FTB01-211118

Lab Sample ID: 410-64207-7

Date Collected: 11/18/21 10:05

Matrix: Water

Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/02/21 01:07	UUV6	ELLE
Total/NA	Prep	537 DW			200885	12/02/21 17:22	GU2F	ELLE
Total/NA	Analysis	537 DW		1	201614	12/05/21 16:00	DCS9	ELLE

Client Sample ID: LTB01-211118

Lab Sample ID: 410-64207-8

Date Collected: 11/18/21 00:00

Matrix: Water

Date Received: 11/19/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			199841	11/30/21 17:48	ZWK6	ELLE
Total/NA	Analysis	537 (Mod)		1	200226	12/02/21 01:18	UUV6	ELLE
Total/NA	Prep	537 DW			198853	11/27/21 06:08	GK2L	ELLE
Total/NA	Analysis	537 DW		1	199685	11/30/21 22:50	PY4D	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, 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: 410-64207-1

Laboratory: Eurofins Lancaster Laboratories Env, 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	04-01-22

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: 410-64207-1

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 Env, 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: 410-64207-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-64207-1	GAC-INFLUENT	Water	11/18/21 09:40	11/19/21 10:54
410-64207-2	GAC-MIDFLUENT	Water	11/18/21 09:45	11/19/21 10:54
410-64207-3	GAC-EFFLUENT	Water	11/18/21 09:50	11/19/21 10:54
410-64207-4	PV-1_25	Water	11/18/21 09:55	11/19/21 10:54
410-64207-5	PV-1_50	Water	11/18/21 09:57	11/19/21 10:54
410-64207-6	PV-1_75	Water	11/18/21 10:00	11/19/21 10:54
410-64207-7	FTB01-211118	Water	11/18/21 10:05	11/19/21 10:54
410-64207-8	LTB01-211118	Water	11/18/21 00:00	11/19/21 10:54

Environmental Analysis Request/Chain of Custody

eurofins Lancaster Laboratories Environmental

Acct. # ______

410-64207 Chain of Custody

For Eurofins Lancaster Laboratories Environmental use only

COC # 578931

Client Information

Client: C.T. Male Associates
Acct. #:
Project Name/#: Hoosick Falls WTP
PWSID #:
Project Manager: Kirk Moline
P.O. #: 14.4756
Sampler: C. Ormsby
Quote #:
State where samples were collected: NY
For Compliance: Yes ☐ No ☐

Matrix: Tissue ☐, Sediment ☐, Soil ☐, Ground ☐, Potable ☑, Surface ☐, NPDES ☐, Water, Other: Reagent water

Analysis Requested: PFC_IDA (Mod) 7 PFAS compounds; 537_DW-14 PFAS (Drinking water list)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	PFC_IDA (Mod) 7 PFAS	537_DW-14 PFAS	Remarks
GAC-INFLUENT	11/18/21	0940	✓			✓		8	✓	✓	PFAS Batch QC here
GAC-MIDFLUENT	↓	0945	✓			✓		4	✓	✓	
GAC-EFFLUENT	↓	0950	✓			✓		4	✓	✓	
PV-1_25	↓	0955	✓			✓		4	✓	✓	
PV-1_50	↓	0957	✓			✓		4	✓	✓	
PV-1_75	↓	1000	✓			✓		4	✓	✓	
FTB01-211118	↓	1005	✓				✓	4	✓	✓	
LTB01-211118	↓	–					✓	4	✓	✓	

For Lab Use Only
FSC: ______
SCR#: ______

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 P=H_3PO_4
F=Field Filtered O=Other

Turnaround Time (TAT) Requested (please circle)
(Standard) Rush
(Rush TAT is subject to laboratory approval and surcharge.)
Requested TAT in business days: ______
E-mail address: ______

Relinquished by	Date	Time	Received by	Date	Time
[signature]	11/18/21	1600			
			[signature]	11/19/21	1054

Data Package Options (circle if required)
Type I (EPA Level 3 Equivalent/non-CLP) Type VI (Raw Data Only)
Type III (Reduced non-CLP) NJ DKQP TX TRRP-13
NYSDEC Category A or (B) MA MCP CT RCP

EDD Required? (Yes) No
If yes, format: EQUIS

Site-Specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate sample volume.)

Relinquished by Commercial Carrier:
UPS ____ FedEx ✓ Other ____
Temperature upon receipt 0.8 °C

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • FOR HELP COMPLETING FORM CHECK OUT https://www.eurofinsus.com/coc
The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client. 7044 0718

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-64207-1

Login Number: 64207

List Source: Eurofins Lancaster Laboratories Env, LLC

List Number: 1

Creator: Reiff, Nicole L

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	