

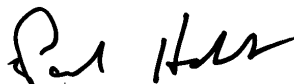
ANALYTICAL REPORT

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

Laboratory Job ID: 410-48443-1
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:
8/5/2021 12:44:26 PM

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Results relate only to the items tested and the sample(s) as received by the laboratory.



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.

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A handwritten signature in black ink, appearing to read "Paul Hobart".

Paul Hobart
Project Manager
8/5/2021 12:44:26 PM



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Definitions/Glossary

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

Job ID: 410-48443-1
SDG: HOO

Qualifiers

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
E	Result exceeded calibration range.
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.
α	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: 410-48443-1
SDG: HOO

Job ID: 410-48443-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

**Job Narrative
410-48443-1**

Receipt

The samples were received on 7/23/2021 10:49 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C

PFAS

Method PFC_IDA: The recovery for the labeled isotope(s) in the following sample: PV-2 25 (410-48443-5) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

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



Detection Summary

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: LTB01-210722

Lab Sample ID: 410-48443-1

No Detections.

Client Sample ID: FTB01-210722

Lab Sample ID: 410-48443-2

No Detections.

Client Sample ID: GAC Influent

Lab Sample ID: 410-48443-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonamide	2.9		1.6	ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	5.3		1.7	ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	5.1		1.7	ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	6.6		1.7	ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	190		17	ng/L	10		537 DW	Total/NA

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-48443-4

No Detections.

Client Sample ID: PV-2 25

Lab Sample ID: 410-48443-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid	2.0		1.7	ng/L	1		537 DW	Total/NA

Client Sample ID: PV-2 50

Lab Sample ID: 410-48443-6

No Detections.

Client Sample ID: PV-2 75

Lab Sample ID: 410-48443-7

No Detections.

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: LTB01-210722

Lab Sample ID: 410-48443-1

Date Collected: 07/22/21 00:00

Matrix: Water

Date Received: 07/23/21 10:49

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		08/01/21 14:49	08/03/21 15:33	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		08/01/21 14:49	08/03/21 15:33	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		08/01/21 14:49	08/03/21 15:33	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		08/01/21 14:49	08/03/21 15:33	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		08/01/21 14:49	08/03/21 15:33	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		08/01/21 14:49	08/03/21 15:33	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		08/01/21 14:49	08/03/21 15:33	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	152		29 - 189	08/01/21 14:49	08/03/21 15:33	1
M2-8:2 FTS	150		34 - 182	08/01/21 14:49	08/03/21 15:33	1
13C4 PFBA	123		41 - 132	08/01/21 14:49	08/03/21 15:33	1
13C5 PFPeA	135		33 - 155	08/01/21 14:49	08/03/21 15:33	1
13C8 PFOS	119		49 - 126	08/01/21 14:49	08/03/21 15:33	1
13C8 FOSA	106		10 - 143	08/01/21 14:49	08/03/21 15:33	1
13C3 PFHxS	125		32 - 145	08/01/21 14:49	08/03/21 15:33	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		08/03/21 07:27	08/04/21 13:05	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
NEtFOSAA	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
NMeFOSAA	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		08/03/21 07:27	08/04/21 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	97		70 - 130	08/03/21 07:27	08/04/21 13:05	1
13C2 PFDA	105		70 - 130	08/03/21 07:27	08/04/21 13:05	1
13C2 PFHxA	111		70 - 130	08/03/21 07:27	08/04/21 13:05	1

Client Sample Results

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: FTB01-210722

Lab Sample ID: 410-48443-2

Date Collected: 07/22/21 09:35

Matrix: Water

Date Received: 07/23/21 10:49

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		08/01/21 14:49	08/03/21 15:44	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		08/01/21 14:49	08/03/21 15:44	1
Perfluorobutanoic acid	4.3	U	4.3	ng/L		08/01/21 14:49	08/03/21 15:44	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 15:44	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 15:44	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 15:44	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 15:44	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	147		29 - 189	08/01/21 14:49	08/03/21 15:44	1
M2-8:2 FTS	138		34 - 182	08/01/21 14:49	08/03/21 15:44	1
13C4 PFBA	119		41 - 132	08/01/21 14:49	08/03/21 15:44	1
13C5 PFPeA	134		33 - 155	08/01/21 14:49	08/03/21 15:44	1
13C8 PFOS	120		49 - 126	08/01/21 14:49	08/03/21 15:44	1
13C8 FOSA	95		10 - 143	08/01/21 14:49	08/03/21 15:44	1
13C3 PFHxS	123		32 - 145	08/01/21 14:49	08/03/21 15:44	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		08/03/21 07:27	08/04/21 13:17	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
NEtFOSAA	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
NMeFOSAA	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		08/03/21 07:27	08/04/21 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	101		70 - 130	08/03/21 07:27	08/04/21 13:17	1
13C2 PFDA	103		70 - 130	08/03/21 07:27	08/04/21 13:17	1
13C2 PFHxA	105		70 - 130	08/03/21 07:27	08/04/21 13:17	1

Client Sample Results

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: GAC Influent

Lab Sample ID: 410-48443-3

Date Collected: 07/22/21 09:45

Matrix: Water

Date Received: 07/23/21 10:49

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		08/01/21 14:49	08/03/21 15:55	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5	ng/L		08/01/21 14:49	08/03/21 15:55	1
Perfluorobutanoic acid	4.1	U	4.1	ng/L		08/01/21 14:49	08/03/21 15:55	1
Perfluorodecanesulfonic acid	1.6	U	1.6	ng/L		08/01/21 14:49	08/03/21 15:55	1
Perfluoroheptanesulfonic acid	1.6	U	1.6	ng/L		08/01/21 14:49	08/03/21 15:55	1
Perfluorooctanesulfonamide	2.9		1.6	ng/L		08/01/21 14:49	08/03/21 15:55	1
Perfluoropentanoic acid	1.6	U	1.6	ng/L		08/01/21 14:49	08/03/21 15:55	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	121		29 - 189	08/01/21 14:49	08/03/21 15:55	1
M2-8:2 FTS	129		34 - 182	08/01/21 14:49	08/03/21 15:55	1
13C4 PFBA	117		41 - 132	08/01/21 14:49	08/03/21 15:55	1
13C5 PFPeA	155		33 - 155	08/01/21 14:49	08/03/21 15:55	1
13C8 PFOS	116		49 - 126	08/01/21 14:49	08/03/21 15:55	1
13C8 FOSA	91		10 - 143	08/01/21 14:49	08/03/21 15:55	1
13C3 PFHxS	122		32 - 145	08/01/21 14:49	08/03/21 15:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	5.3		1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluoroheptanoic acid	5.1		1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorooctanesulfonic acid	6.6		1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
NEtFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
NMeFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	88		70 - 130	07/26/21 08:07	07/31/21 16:18	1
13C2 PFDA	85		70 - 130	07/26/21 08:07	07/31/21 16:18	1
13C2 PFHxA	98		70 - 130	07/26/21 08:07	07/31/21 16:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	190		17	ng/L		07/26/21 08:07	07/31/21 16:29	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	80		70 - 130	07/26/21 08:07	07/31/21 16:29	10
13C2 PFDA	74		70 - 130	07/26/21 08:07	07/31/21 16:29	10
13C2 PFHxA	86		70 - 130	07/26/21 08:07	07/31/21 16:29	10

Client Sample Results

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-48443-4

Date Collected: 07/22/21 09:50

Matrix: Water

Date Received: 07/23/21 10:49

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		07/26/21 15:42	07/28/21 03:44	1
8:2 Fluorotelomer sulfonic acid	2.4	U	2.4	ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluorobutanoic acid	4.1	U	4.1	ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluorodecanesulfonic acid	1.6	U	1.6	ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluoroheptanesulfonic acid	1.6	U	1.6	ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluorooctanesulfonamide	1.6	U	1.6	ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluoropentanoic acid	1.6	U	1.6	ng/L		07/26/21 15:42	07/28/21 03:44	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	96		29 - 189	07/26/21 15:42	07/28/21 03:44	1
M2-8:2 FTS	92		34 - 182	07/26/21 15:42	07/28/21 03:44	1
13C4 PFBA	91		41 - 132	07/26/21 15:42	07/28/21 03:44	1
13C5 PFPeA	96		33 - 155	07/26/21 15:42	07/28/21 03:44	1
13C8 PFOS	91		49 - 126	07/26/21 15:42	07/28/21 03:44	1
13C8 FOSA	80		10 - 143	07/26/21 15:42	07/28/21 03:44	1
13C3 PFHxS	89		32 - 145	07/26/21 15:42	07/28/21 03:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluoroheptanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorooctanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorononanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorodecanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorotridecanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorotetradecanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorobutanesulfonic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorohexanesulfonic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorooctanesulfonic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
NEtFOSAA	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
NMeFOSAA	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluoroundecanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorododecanoic acid	1.6	U	1.6	ng/L		07/26/21 08:07	07/28/21 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130	07/26/21 08:07	07/28/21 14:44	1
13C2 PFDA	85		70 - 130	07/26/21 08:07	07/28/21 14:44	1
13C2 PFHxA	82		70 - 130	07/26/21 08:07	07/28/21 14:44	1

Client Sample Results

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: PV-2 25

Lab Sample ID: 410-48443-5

Date Collected: 07/22/21 10:00

Matrix: Water

Date Received: 07/23/21 10:49

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		08/01/21 14:49	08/03/21 16:05	1
8:2 Fluorotelomer sulfonic acid	2.4	U	2.4	ng/L		08/01/21 14:49	08/03/21 16:05	1
Perfluorobutanoic acid	4.1	U	4.1	ng/L		08/01/21 14:49	08/03/21 16:05	1
Perfluorodecanesulfonic acid	1.6	U	1.6	ng/L		08/01/21 14:49	08/03/21 16:05	1
Perfluoroheptanesulfonic acid	1.6	U	1.6	ng/L		08/01/21 14:49	08/03/21 16:05	1
Perfluorooctanesulfonamide	1.6	U	1.6	ng/L		08/01/21 14:49	08/03/21 16:05	1
Perfluoropentanoic acid	1.6	U	1.6	ng/L		08/01/21 14:49	08/03/21 16:05	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	140		29 - 189	08/01/21 14:49	08/03/21 16:05	1
M2-8:2 FTS	149		34 - 182	08/01/21 14:49	08/03/21 16:05	1
13C4 PFBA	118		41 - 132	08/01/21 14:49	08/03/21 16:05	1
13C5 PFPeA	130		33 - 155	08/01/21 14:49	08/03/21 16:05	1
13C8 PFOS	133	*5+	49 - 126	08/01/21 14:49	08/03/21 16:05	1
13C8 FOSA	98		10 - 143	08/01/21 14:49	08/03/21 16:05	1
13C3 PFHxS	126		32 - 145	08/01/21 14:49	08/03/21 16:05	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		07/26/21 08:07	07/31/21 14:44	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorooctanoic acid	2.0		1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
NEtFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
NMeFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	88		70 - 130	07/26/21 08:07	07/31/21 14:44	1
13C2 PFDA	78		70 - 130	07/26/21 08:07	07/31/21 14:44	1
13C2 PFHxA	94		70 - 130	07/26/21 08:07	07/31/21 14:44	1

Client Sample Results

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: PV-2 50

Lab Sample ID: 410-48443-6

Date Collected: 07/22/21 10:05

Matrix: Water

Date Received: 07/23/21 10:49

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		08/01/21 14:49	08/03/21 16:16	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5	ng/L		08/01/21 14:49	08/03/21 16:16	1
Perfluorobutanoic acid	4.2	U	4.2	ng/L		08/01/21 14:49	08/03/21 16:16	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:16	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:16	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:16	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:16	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	149		29 - 189	08/01/21 14:49	08/03/21 16:16	1
M2-8:2 FTS	136		34 - 182	08/01/21 14:49	08/03/21 16:16	1
13C4 PFBA	113		41 - 132	08/01/21 14:49	08/03/21 16:16	1
13C5 PFPeA	130		33 - 155	08/01/21 14:49	08/03/21 16:16	1
13C8 PFOS	117		49 - 126	08/01/21 14:49	08/03/21 16:16	1
13C8 FOSA	100		10 - 143	08/01/21 14:49	08/03/21 16:16	1
13C3 PFHxS	128		32 - 145	08/01/21 14:49	08/03/21 16:16	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		07/26/21 08:07	07/31/21 14:57	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
NEtFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
NMeFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	86		70 - 130	07/26/21 08:07	07/31/21 14:57	1
13C2 PFDA	73		70 - 130	07/26/21 08:07	07/31/21 14:57	1
13C2 PFHxA	90		70 - 130	07/26/21 08:07	07/31/21 14:57	1

Client Sample Results

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: PV-2 75

Lab Sample ID: 410-48443-7

Date Collected: 07/22/21 10:10

Matrix: Water

Date Received: 07/23/21 10:49

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		08/01/21 14:49	08/03/21 16:26	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5	ng/L		08/01/21 14:49	08/03/21 16:26	1
Perfluorobutanoic acid	4.2	U	4.2	ng/L		08/01/21 14:49	08/03/21 16:26	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:26	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:26	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:26	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/01/21 14:49	08/03/21 16:26	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	148		29 - 189	08/01/21 14:49	08/03/21 16:26	1
M2-8:2 FTS	135		34 - 182	08/01/21 14:49	08/03/21 16:26	1
13C4 PFBA	117		41 - 132	08/01/21 14:49	08/03/21 16:26	1
13C5 PFPeA	131		33 - 155	08/01/21 14:49	08/03/21 16:26	1
13C8 PFOS	115		49 - 126	08/01/21 14:49	08/03/21 16:26	1
13C8 FOSA	103		10 - 143	08/01/21 14:49	08/03/21 16:26	1
13C3 PFHxS	122		32 - 145	08/01/21 14:49	08/03/21 16:26	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		07/26/21 08:07	07/31/21 15:08	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
NEtFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
NMeFOSAA	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		07/26/21 08:07	07/31/21 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	96		70 - 130	07/26/21 08:07	07/31/21 15:08	1
13C2 PFDA	84		70 - 130	07/26/21 08:07	07/31/21 15:08	1
13C2 PFHxA	103		70 - 130	07/26/21 08:07	07/31/21 15:08	1

Surrogate Summary

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

Job ID: 410-48443-1
 SDG: HOO

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-48443-1	LTB01-210722	97	105	111
410-48443-2	FTB01-210722	101	103	105
410-48443-3	GAC Influent	88	85	98
410-48443-3 - DL	GAC Influent	80	74	86
410-48443-4	GAC Midfluent	94	85	82
410-48443-5	PV-2 25	88	78	94
410-48443-6	PV-2 50	86	73	90
410-48443-7	PV-2 75	96	84	103
LCS 410-152582/2-A	Lab Control Sample	81	86	84
LCS 410-155797/2-A	Lab Control Sample	98	108	113
LCSD 410-152582/3-A	Lab Control Sample Dup	83	86	79
LCSD 410-155797/3-A	Lab Control Sample Dup	102	105	107
MB 410-152582/1-A	Method Blank	92	86	83
MB 410-155797/1-A	Method Blank	94	94	100

Surrogate Legend

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Isotope Dilution Summary

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

Job ID: 410-48443-1
 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 (29-189)	M282FTS (34-182)	PFBA (41-132)	PFPeA (33-155)	C8PFOS (49-126)	PFOSA (10-143)	C3PFHS (32-145)
410-48443-1	LTB01-210722	152	150	123	135	119	106	125
410-48443-2	FTB01-210722	147	138	119	134	120	95	123
410-48443-3	GAC Influent	121	129	117	155	116	91	122
410-48443-4	GAC Midfluent	96	92	91	96	91	80	89
410-48443-5	PV-2 25	140	149	118	130	133 *5+	98	126
410-48443-6	PV-2 50	149	136	113	130	117	100	128
410-48443-7	PV-2 75	148	135	117	131	115	103	122
LCS 410-152792/2-A	Lab Control Sample	97	92	90	91	91	78	93
LCS 410-155190/2-A	Lab Control Sample	139	131	115	127	111	90	115
LCSD 410-152792/3-A	Lab Control Sample Dup	101	101	95	95	98	79	99
LCSD 410-155190/3-A	Lab Control Sample Dup	132	134	118	131	120	99	115
MB 410-152792/1-A	Method Blank	84	84	80	80	84	70	81
MB 410-155190/1-A	Method Blank	145	133	114	130	118	87	120

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

QC Sample Results

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

Job ID: 410-48443-1
SDG: HOO

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

Lab Sample ID: MB 410-152792/1-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 152792

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		07/26/21 15:42	07/28/21 02:38	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0	ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluorobutanoic acid	5.0	U	5.0	ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluoropentanoic acid	2.0	U	2.0	ng/L		07/26/21 15:42	07/28/21 02:38	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
M2-6:2 FTS	84		29 - 189	07/26/21 15:42	07/28/21 02:38	1
M2-8:2 FTS	84		34 - 182	07/26/21 15:42	07/28/21 02:38	1
13C4 PFBA	80		41 - 132	07/26/21 15:42	07/28/21 02:38	1
13C5 PFPeA	80		33 - 155	07/26/21 15:42	07/28/21 02:38	1
13C8 PFOS	84		49 - 126	07/26/21 15:42	07/28/21 02:38	1
13C8 FOSA	70		10 - 143	07/26/21 15:42	07/28/21 02:38	1
13C3 PFHxS	81		32 - 145	07/26/21 15:42	07/28/21 02:38	1

Lab Sample ID: LCS 410-152792/2-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 152792

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
6:2 Fluorotelomer sulfonic acid	24.3	24.7		ng/L		102	57 - 137
8:2 Fluorotelomer sulfonic acid	24.5	27.0		ng/L		110	56 - 140
Perfluorobutanoic acid	25.6	27.3		ng/L		107	62 - 156
Perfluorodecanesulfonic acid	24.7	24.4		ng/L		99	61 - 134
Perfluoroheptanesulfonic acid	24.4	24.2		ng/L		99	67 - 135
Perfluorooctanesulfonamide	25.6	27.9		ng/L		109	55 - 130
Perfluoropentanoic acid	25.6	27.9		ng/L		109	72 - 139

Isotope Dilution	LCS	LCS	Limits
	%Recovery	Qualifier	
M2-6:2 FTS	97		29 - 189
M2-8:2 FTS	92		34 - 182
13C4 PFBA	90		41 - 132
13C5 PFPeA	91		33 - 155
13C8 PFOS	91		49 - 126
13C8 FOSA	78		10 - 143
13C3 PFHxS	93		32 - 145

Lab Sample ID: LCSD 410-152792/3-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 152792

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
6:2 Fluorotelomer sulfonic acid	24.3	27.0		ng/L		111	57 - 137	9	30
8:2 Fluorotelomer sulfonic acid	24.5	26.6		ng/L		108	56 - 140	2	30
Perfluorobutanoic acid	25.6	28.1		ng/L		110	62 - 156	3	30
Perfluorodecanesulfonic acid	24.7	26.2		ng/L		106	61 - 134	7	30
Perfluoroheptanesulfonic acid	24.4	25.8		ng/L		106	67 - 135	6	30

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QC Sample Results

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

Job ID: 410-48443-1
SDG: HOO

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

Lab Sample ID: LCSD 410-152792/3-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 152792

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonamide	25.6	30.1		ng/L		118	55 - 130	8	30
Perfluoropentanoic acid	25.6	28.0		ng/L		109	72 - 139	0	30
LCSD LCSD									
Isotope Dilution	%Recovery	Qualifier	Limits						
M2-6:2 FTS	101		29 - 189						
M2-8:2 FTS	101		34 - 182						
13C4 PFBA	95		41 - 132						
13C5 PFPeA	95		33 - 155						
13C8 PFOS	98		49 - 126						
13C8 FOSA	79		10 - 143						
13C3 PFHxS	99		32 - 145						

Lab Sample ID: MB 410-155190/1-A
Matrix: Water
Analysis Batch: 155760

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 155190

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		08/01/21 14:49	08/03/21 15:02	1	
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0	ng/L		08/01/21 14:49	08/03/21 15:02	1	
Perfluorobutanoic acid	5.0	U	5.0	ng/L		08/01/21 14:49	08/03/21 15:02	1	
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		08/01/21 14:49	08/03/21 15:02	1	
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		08/01/21 14:49	08/03/21 15:02	1	
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		08/01/21 14:49	08/03/21 15:02	1	
Perfluoropentanoic acid	2.0	U	2.0	ng/L		08/01/21 14:49	08/03/21 15:02	1	
MB MB									
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
M2-6:2 FTS	145		29 - 189	08/01/21 14:49	08/03/21 15:02	1			
M2-8:2 FTS	133		34 - 182	08/01/21 14:49	08/03/21 15:02	1			
13C4 PFBA	114		41 - 132	08/01/21 14:49	08/03/21 15:02	1			
13C5 PFPeA	130		33 - 155	08/01/21 14:49	08/03/21 15:02	1			
13C8 PFOS	118		49 - 126	08/01/21 14:49	08/03/21 15:02	1			
13C8 FOSA	87		10 - 143	08/01/21 14:49	08/03/21 15:02	1			
13C3 PFHxS	120		32 - 145	08/01/21 14:49	08/03/21 15:02	1			

Lab Sample ID: LCS 410-155190/2-A
Matrix: Water
Analysis Batch: 155760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 155190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
6:2 Fluorotelomer sulfonic acid	24.3	18.9		ng/L		78	57 - 137
8:2 Fluorotelomer sulfonic acid	24.5	19.3		ng/L		79	56 - 140
Perfluorobutanoic acid	25.6	22.8		ng/L		89	62 - 156
Perfluorodecanesulfonic acid	24.7	20.4		ng/L		83	61 - 134
Perfluoroheptanesulfonic acid	24.4	20.9		ng/L		86	67 - 135
Perfluorooctanesulfonamide	25.6	23.5		ng/L		92	55 - 130
Perfluoropentanoic acid	25.6	21.9		ng/L		86	72 - 139
LCS LCS							
Isotope Dilution	%Recovery	Qualifier	Limits				
M2-6:2 FTS	139		29 - 189				

QC Sample Results

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

Job ID: 410-48443-1
SDG: HOO

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

Lab Sample ID: LCS 410-155190/2-A
Matrix: Water
Analysis Batch: 155760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 155190

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
M2-8:2 FTS	131		34 - 182
13C4 PFBA	115		41 - 132
13C5 PFPeA	127		33 - 155
13C8 PFOS	111		49 - 126
13C8 FOSA	90		10 - 143
13C3 PFHxS	115		32 - 145

Lab Sample ID: LCSD 410-155190/3-A
Matrix: Water
Analysis Batch: 155760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 155190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
6:2 Fluorotelomer sulfonic acid	24.3	19.7		ng/L		81	57 - 137	4	30	
8:2 Fluorotelomer sulfonic acid	24.5	19.1		ng/L		78	56 - 140	1	30	
Perfluorobutanoic acid	25.6	23.2		ng/L		91	62 - 156	2	30	
Perfluorodecanesulfonic acid	24.7	20.3		ng/L		82	61 - 134	0	30	
Perfluoroheptanesulfonic acid	24.4	21.6		ng/L		89	67 - 135	3	30	
Perfluorooctanesulfonamide	25.6	22.9		ng/L		89	55 - 130	3	30	
Perfluoropentanoic acid	25.6	21.9		ng/L		86	72 - 139	0	30	

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	132		29 - 189
M2-8:2 FTS	134		34 - 182
13C4 PFBA	118		41 - 132
13C5 PFPeA	131		33 - 155
13C8 PFOS	120		49 - 126
13C8 FOSA	99		10 - 143
13C3 PFHxS	115		32 - 145

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

Lab Sample ID: MB 410-152582/1-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 152582

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Perfluorohexanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
NEtFOSAA	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
NMeFOSAA	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1

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QC Sample Results

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

Job ID: 410-48443-1
SDG: HOO

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

Lab Sample ID: MB 410-152582/1-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 152582

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid	2.0	U	2.0	ng/L		07/26/21 08:07	07/27/21 23:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	92		70 - 130	07/26/21 08:07	07/27/21 23:33	1
13C2 PFDA	86		70 - 130	07/26/21 08:07	07/27/21 23:33	1
13C2 PFHxA	83		70 - 130	07/26/21 08:07	07/27/21 23:33	1

Lab Sample ID: LCS 410-152582/2-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 152582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	20.5	18.6		ng/L		91	70 - 130
Perfluoroheptanoic acid	20.5	21.3		ng/L		104	70 - 130
Perfluorooctanoic acid	20.5	21.4		ng/L		104	70 - 130
Perfluorononanoic acid	20.5	19.9		ng/L		97	70 - 130
Perfluorodecanoic acid	20.5	20.6		ng/L		101	70 - 130
Perfluorotridecanoic acid	20.5	19.1		ng/L		93	70 - 130
Perfluorotetradecanoic acid	20.5	19.7		ng/L		96	70 - 130
Perfluorobutanesulfonic acid	18.1	17.0		ng/L		94	70 - 130
Perfluorohexanesulfonic acid	18.7	21.0		ng/L		113	70 - 130
Perfluorooctanesulfonic acid	19.0	19.5		ng/L		103	70 - 130
NEtFOSAA	20.5	18.8		ng/L		92	70 - 130
NMeFOSAA	20.5	19.1		ng/L		93	70 - 130
Perfluoroundecanoic acid	20.5	19.7		ng/L		96	70 - 130
Perfluorododecanoic acid	20.5	19.3		ng/L		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
d5-NEtFOSAA	81		70 - 130
13C2 PFDA	86		70 - 130
13C2 PFHxA	84		70 - 130

Lab Sample ID: LCSD 410-152582/3-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 152582

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	20.5	19.7		ng/L		96	70 - 130	6	30
Perfluoroheptanoic acid	20.5	20.4		ng/L		100	70 - 130	4	30
Perfluorooctanoic acid	20.5	21.5		ng/L		105	70 - 130	1	30
Perfluorononanoic acid	20.5	20.1		ng/L		98	70 - 130	1	30
Perfluorodecanoic acid	20.5	21.0		ng/L		103	70 - 130	2	30
Perfluorotridecanoic acid	20.5	20.1		ng/L		98	70 - 130	5	30
Perfluorotetradecanoic acid	20.5	20.2		ng/L		99	70 - 130	3	30
Perfluorobutanesulfonic acid	18.1	17.6		ng/L		97	70 - 130	4	30
Perfluorohexanesulfonic acid	18.7	20.6		ng/L		110	70 - 130	2	30
Perfluorooctanesulfonic acid	19.0	20.0		ng/L		106	70 - 130	2	30
NEtFOSAA	20.5	20.1		ng/L		98	70 - 130	7	30

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QC Sample Results

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

Job ID: 410-48443-1
SDG: HOO

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

Lab Sample ID: LCSD 410-152582/3-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 152582

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
NMeFOSAA	20.5	20.0		ng/L		98	70 - 130	5	30
Perfluoroundecanoic acid	20.5	21.2		ng/L		103	70 - 130	7	30
Perfluorododecanoic acid	20.5	19.4		ng/L		95	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
d5-NEtFOSAA	83		70 - 130
13C2 PFDA	86		70 - 130
13C2 PFHxA	79		70 - 130

Lab Sample ID: MB 410-155797/1-A
Matrix: Water
Analysis Batch: 156420

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 155797

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
NEtFOSAA	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
NMeFOSAA	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		08/03/21 07:27	08/04/21 12:19	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130	08/03/21 07:27	08/04/21 12:19	1
13C2 PFDA	94		70 - 130	08/03/21 07:27	08/04/21 12:19	1
13C2 PFHxA	100		70 - 130	08/03/21 07:27	08/04/21 12:19	1

Lab Sample ID: LCS 410-155797/2-A
Matrix: Water
Analysis Batch: 156420

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 155797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	80.0	90.7	E	ng/L		113	70 - 130
Perfluoroheptanoic acid	80.0	92.4	E	ng/L		115	70 - 130
Perfluorooctanoic acid	80.0	92.9	E	ng/L		116	70 - 130
Perfluorononanoic acid	80.0	91.3	E	ng/L		114	70 - 130
Perfluorodecanoic acid	80.0	92.3	E	ng/L		115	70 - 130
Perfluorotridecanoic acid	80.0	91.9	E	ng/L		115	70 - 130
Perfluorotetradecanoic acid	80.0	90.7	E	ng/L		113	70 - 130
Perfluorobutanesulfonic acid	70.8	84.5	E	ng/L		119	70 - 130
Perfluorohexanesulfonic acid	73.0	85.7	E	ng/L		118	70 - 130

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QC Sample Results

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

Job ID: 410-48443-1
SDG: HOO

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

Lab Sample ID: LCS 410-155797/2-A
Matrix: Water
Analysis Batch: 156420

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 155797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanesulfonic acid	74.0	83.6	E	ng/L		113	70 - 130
NEtFOSAA	80.0	99.3	E	ng/L		124	70 - 130
NMeFOSAA	80.0	90.6	E	ng/L		113	70 - 130
Perfluoroundecanoic acid	80.0	90.7	E	ng/L		113	70 - 130
Perfluorododecanoic acid	80.0	93.0	E	ng/L		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
d5-NEtFOSAA	98		70 - 130
13C2 PFDA	108		70 - 130
13C2 PFHxA	113		70 - 130

Lab Sample ID: LCSD 410-155797/3-A
Matrix: Water
Analysis Batch: 156420

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 155797

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Perfluorohexanoic acid	80.0	93.0	E	ng/L		116	70 - 130	3	30
Perfluoroheptanoic acid	80.0	90.2	E	ng/L		113	70 - 130	2	30
Perfluorooctanoic acid	80.0	89.1	E	ng/L		111	70 - 130	4	30
Perfluorononanoic acid	80.0	93.8	E	ng/L		117	70 - 130	3	30
Perfluorodecanoic acid	80.0	95.6	E	ng/L		119	70 - 130	4	30
Perfluorotridecanoic acid	80.0	92.1	E	ng/L		115	70 - 130	0	30
Perfluorotetradecanoic acid	80.0	90.9	E	ng/L		114	70 - 130	0	30
Perfluorobutanesulfonic acid	70.8	78.9	E	ng/L		111	70 - 130	7	30
Perfluorohexanesulfonic acid	73.0	83.8	E	ng/L		115	70 - 130	2	30
Perfluorooctanesulfonic acid	74.0	80.8	E	ng/L		109	70 - 130	3	30
NEtFOSAA	80.0	102	E	ng/L		128	70 - 130	3	30
NMeFOSAA	80.0	87.5	E	ng/L		109	70 - 130	4	30
Perfluoroundecanoic acid	80.0	93.2	E	ng/L		117	70 - 130	3	30
Perfluorododecanoic acid	80.0	91.4	E	ng/L		114	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
d5-NEtFOSAA	102		70 - 130
13C2 PFDA	105		70 - 130
13C2 PFHxA	107		70 - 130

QC Association Summary

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

Job ID: 410-48443-1
SDG: HOO

LCMS

Prep Batch: 152582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-3 - DL	GAC Influent	Total/NA	Water	537 DW	
410-48443-3	GAC Influent	Total/NA	Water	537 DW	
410-48443-4	GAC Midfluent	Total/NA	Water	537 DW	
410-48443-5	PV-2 25	Total/NA	Water	537 DW	
410-48443-6	PV-2 50	Total/NA	Water	537 DW	
410-48443-7	PV-2 75	Total/NA	Water	537 DW	
MB 410-152582/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-152582/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-152582/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Prep Batch: 152792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-4	GAC Midfluent	Total/NA	Water	537 (Mod)	
MB 410-152792/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-152792/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-152792/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Analysis Batch: 152967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-152582/1-A	Method Blank	Total/NA	Water	537 DW	152582
LCS 410-152582/2-A	Lab Control Sample	Total/NA	Water	537 DW	152582
LCSD 410-152582/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	152582

Analysis Batch: 153242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-4	GAC Midfluent	Total/NA	Water	537 (Mod)	152792
MB 410-152792/1-A	Method Blank	Total/NA	Water	537 (Mod)	152792
LCS 410-152792/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	152792
LCSD 410-152792/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	152792

Analysis Batch: 153820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-4	GAC Midfluent	Total/NA	Water	537 DW	152582

Analysis Batch: 154813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-3	GAC Influent	Total/NA	Water	537 DW	152582
410-48443-3 - DL	GAC Influent	Total/NA	Water	537 DW	152582
410-48443-5	PV-2 25	Total/NA	Water	537 DW	152582
410-48443-6	PV-2 50	Total/NA	Water	537 DW	152582
410-48443-7	PV-2 75	Total/NA	Water	537 DW	152582

Prep Batch: 155190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-1	LTB01-210722	Total/NA	Water	537 (Mod)	
410-48443-2	FTB01-210722	Total/NA	Water	537 (Mod)	
410-48443-3	GAC Influent	Total/NA	Water	537 (Mod)	
410-48443-5	PV-2 25	Total/NA	Water	537 (Mod)	
410-48443-6	PV-2 50	Total/NA	Water	537 (Mod)	
410-48443-7	PV-2 75	Total/NA	Water	537 (Mod)	
MB 410-155190/1-A	Method Blank	Total/NA	Water	537 (Mod)	

QC Association Summary

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

Job ID: 410-48443-1
SDG: HOO

LCMS (Continued)

Prep Batch: 155190 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-155190/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-155190/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Analysis Batch: 155760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-1	LTB01-210722	Total/NA	Water	537 (Mod)	155190
410-48443-2	FTB01-210722	Total/NA	Water	537 (Mod)	155190
410-48443-3	GAC Influent	Total/NA	Water	537 (Mod)	155190
410-48443-5	PV-2 25	Total/NA	Water	537 (Mod)	155190
410-48443-6	PV-2 50	Total/NA	Water	537 (Mod)	155190
410-48443-7	PV-2 75	Total/NA	Water	537 (Mod)	155190
MB 410-155190/1-A	Method Blank	Total/NA	Water	537 (Mod)	155190
LCS 410-155190/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	155190
LCSD 410-155190/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	155190

Prep Batch: 155797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-1	LTB01-210722	Total/NA	Water	537 DW	
410-48443-2	FTB01-210722	Total/NA	Water	537 DW	
MB 410-155797/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-155797/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-155797/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 156420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-1	LTB01-210722	Total/NA	Water	537 DW	155797
410-48443-2	FTB01-210722	Total/NA	Water	537 DW	155797
MB 410-155797/1-A	Method Blank	Total/NA	Water	537 DW	155797
LCS 410-155797/2-A	Lab Control Sample	Total/NA	Water	537 DW	155797
LCSD 410-155797/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	155797

Lab Chronicle

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

Job ID: 410-48443-1
SDG: HOO

Client Sample ID: LTB01-210722
Date Collected: 07/22/21 00:00
Date Received: 07/23/21 10:49

Lab Sample ID: 410-48443-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			155190	08/01/21 14:49	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	155760	08/03/21 15:33	MT26	ELLE
Total/NA	Prep	537 DW			155797	08/03/21 07:27	RDL8	ELLE
Total/NA	Analysis	537 DW		1	156420	08/04/21 13:05	DCS9	ELLE

Client Sample ID: FTB01-210722
Date Collected: 07/22/21 09:35
Date Received: 07/23/21 10:49

Lab Sample ID: 410-48443-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			155190	08/01/21 14:49	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	155760	08/03/21 15:44	MT26	ELLE
Total/NA	Prep	537 DW			155797	08/03/21 07:27	RDL8	ELLE
Total/NA	Analysis	537 DW		1	156420	08/04/21 13:17	DCS9	ELLE

Client Sample ID: GAC Influent
Date Collected: 07/22/21 09:45
Date Received: 07/23/21 10:49

Lab Sample ID: 410-48443-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			155190	08/01/21 14:49	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	155760	08/03/21 15:55	MT26	ELLE
Total/NA	Prep	537 DW			152582	07/26/21 08:07	RDL8	ELLE
Total/NA	Analysis	537 DW		1	154813	07/31/21 16:18	VK3G	ELLE
Total/NA	Prep	537 DW	DL		152582	07/26/21 08:07	RDL8	ELLE
Total/NA	Analysis	537 DW	DL	10	154813	07/31/21 16:29	VK3G	ELLE

Client Sample ID: GAC Midfluent
Date Collected: 07/22/21 09:50
Date Received: 07/23/21 10:49

Lab Sample ID: 410-48443-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			152792	07/26/21 15:42	QLP7	ELLE
Total/NA	Analysis	537 (Mod)		1	153242	07/28/21 03:44	PY4D	ELLE
Total/NA	Prep	537 DW			152582	07/26/21 08:07	RDL8	ELLE
Total/NA	Analysis	537 DW		1	153820	07/28/21 14:44	DCS9	ELLE

Client Sample ID: PV-2 25
Date Collected: 07/22/21 10:00
Date Received: 07/23/21 10:49

Lab Sample ID: 410-48443-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			155190	08/01/21 14:49	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	155760	08/03/21 16:05	MT26	ELLE
Total/NA	Prep	537 DW			152582	07/26/21 08:07	RDL8	ELLE
Total/NA	Analysis	537 DW		1	154813	07/31/21 14:44	VK3G	ELLE

Lab Chronicle

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

Job ID: 410-48443-1
 SDG: HOO

Client Sample ID: PV-2 50

Lab Sample ID: 410-48443-6

Date Collected: 07/22/21 10:05

Matrix: Water

Date Received: 07/23/21 10:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			155190	08/01/21 14:49	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	155760	08/03/21 16:16	MT26	ELLE
Total/NA	Prep	537 DW			152582	07/26/21 08:07	RDL8	ELLE
Total/NA	Analysis	537 DW		1	154813	07/31/21 14:57	VK3G	ELLE

Client Sample ID: PV-2 75

Lab Sample ID: 410-48443-7

Date Collected: 07/22/21 10:10

Matrix: Water

Date Received: 07/23/21 10:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			155190	08/01/21 14:49	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	155760	08/03/21 16:26	MT26	ELLE
Total/NA	Prep	537 DW			152582	07/26/21 08:07	RDL8	ELLE
Total/NA	Analysis	537 DW		1	154813	07/31/21 15:08	VK3G	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: 410-48443-1
 SDG: HOO

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: 410-48443-1
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 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: 410-48443-1
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-48443-1	LTB01-210722	Water	07/22/21 00:00	07/23/21 10:49
410-48443-2	FTB01-210722	Water	07/22/21 09:35	07/23/21 10:49
410-48443-3	GAC Influent	Water	07/22/21 09:45	07/23/21 10:49
410-48443-4	GAC Midfluent	Water	07/22/21 09:50	07/23/21 10:49
410-48443-5	PV-2 25	Water	07/22/21 10:00	07/23/21 10:49
410-48443-6	PV-2 50	Water	07/22/21 10:05	07/23/21 10:49
410-48443-7	PV-2 75	Water	07/22/21 10:10	07/23/21 10:49

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Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-48443-1

SDG Number: HOO

Login Number: 48443

List Source: Eurofins Lancaster Laboratories Env, LLC

List Number: 1

Creator: Zeigler, Kristin M

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
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 ($\leq 6C$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6C$, 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	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

