

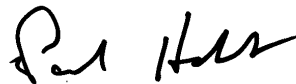
ANALYTICAL REPORT

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

Laboratory Job ID: 410-58350-1
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:
10/21/2021 9:52:36 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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.

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

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

Paul Hobart
Project Manager
10/21/2021 9:52:36 PM



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	16
Isotope Dilution Summary	17
QC Sample Results	18
QC Association Summary	21
Lab Chronicle	23
Certification Summary	25
Method Summary	26
Sample Summary	27
Chain of Custody	28
Receipt Checklists	29

Definitions/Glossary

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

Job ID: 410-58350-1

Qualifiers

LCMS

Qualifier	Qualifier Description
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: 410-58350-1

Job ID: 410-58350-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

**Job Narrative
410-58350-1**

Receipt

The samples were received on 10/8/2021 11:04 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 0.5°C

PFAS

Method 537_DW: Reporting limits were raised for the following sample: GAC Influent (410-58350-3) due to interference from the sample matrix.

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: 410-58350-1

Client Sample ID: LTB01-211007

Lab Sample ID: 410-58350-1

No Detections.

Client Sample ID: FTB01-211007

Lab Sample ID: 410-58350-2

No Detections.

Client Sample ID: GAC Influent

Lab Sample ID: 410-58350-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	5.5		4.5	ng/L	1		537 (Mod)	Total/NA
Perfluorooctanesulfonamide	2.5		1.8	ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	8.5		1.8	ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	18		17	ng/L	10		537 DW	Total/NA
Perfluoroheptanoic acid	18		17	ng/L	10		537 DW	Total/NA
Perfluorooctanoic acid - DL	650		170	ng/L	100		537 DW	Total/NA

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-58350-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	5.6		4.5	ng/L	1		537 (Mod)	Total/NA
Perfluorooctanoic acid	2.4		1.7	ng/L	1		537 DW	Total/NA

Client Sample ID: GAC Effluent

Lab Sample ID: 410-58350-5

No Detections.

Client Sample ID: PV-1 25

Lab Sample ID: 410-58350-6

No Detections.

Client Sample ID: PV-1 50

Lab Sample ID: 410-58350-7

No Detections.

Client Sample ID: PV-1 75

Lab Sample ID: 410-58350-8

No Detections.

Client Sample ID: PV-2 75

Lab Sample ID: 410-58350-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	6.6		4.4	ng/L	1		537 (Mod)	Total/NA
Perfluorooctanoic acid	2.4		1.8	ng/L	1		537 DW	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: LTB01-211007

Lab Sample ID: 410-58350-1

Date Collected: 10/07/21 00:00

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 16:44	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		10/16/21 01:34	10/21/21 16:44	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		10/16/21 01:34	10/21/21 16:44	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 16:44	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 16:44	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 16:44	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 16:44	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	108		29 - 189	10/16/21 01:34	10/21/21 16:44	1
M2-8:2 FTS	110		34 - 182	10/16/21 01:34	10/21/21 16:44	1
13C4 PFBA	85		41 - 132	10/16/21 01:34	10/21/21 16:44	1
13C5 PFPeA	81		33 - 155	10/16/21 01:34	10/21/21 16:44	1
13C8 PFOS	88		49 - 126	10/16/21 01:34	10/21/21 16:44	1
13C8 FOSA	72		10 - 143	10/16/21 01:34	10/21/21 16:44	1
13C3 PFHxS	80		32 - 145	10/16/21 01:34	10/21/21 16:44	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		10/12/21 17:56	10/14/21 12:22	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
NEtFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
NMeFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130	10/12/21 17:56	10/14/21 12:22	1
13C2 PFDA	111		70 - 130	10/12/21 17:56	10/14/21 12:22	1
13C2 PFHxA	109		70 - 130	10/12/21 17:56	10/14/21 12:22	1

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: FTB01-211007

Lab Sample ID: 410-58350-2

Date Collected: 10/07/21 10:00

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 16:55	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		10/16/21 01:34	10/21/21 16:55	1
Perfluorobutanoic acid	4.3	U	4.3	ng/L		10/16/21 01:34	10/21/21 16:55	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 16:55	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 16:55	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 16:55	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 16:55	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	110		29 - 189	10/16/21 01:34	10/21/21 16:55	1
M2-8:2 FTS	112		34 - 182	10/16/21 01:34	10/21/21 16:55	1
13C4 PFBA	92		41 - 132	10/16/21 01:34	10/21/21 16:55	1
13C5 PFPeA	87		33 - 155	10/16/21 01:34	10/21/21 16:55	1
13C8 PFOS	90		49 - 126	10/16/21 01:34	10/21/21 16:55	1
13C8 FOSA	80		10 - 143	10/16/21 01:34	10/21/21 16:55	1
13C3 PFHxS	92		32 - 145	10/16/21 01:34	10/21/21 16:55	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		10/12/21 17:56	10/14/21 12:34	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
NEtFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
NMeFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 12:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	96		70 - 130	10/12/21 17:56	10/14/21 12:34	1
13C2 PFDA	108		70 - 130	10/12/21 17:56	10/14/21 12:34	1
13C2 PFHxA	106		70 - 130	10/12/21 17:56	10/14/21 12:34	1

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: GAC Influent

Lab Sample ID: 410-58350-3

Date Collected: 10/07/21 10:15

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 17:06	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		10/16/21 01:34	10/21/21 17:06	1
Perfluorobutanoic acid	5.5		4.5	ng/L		10/16/21 01:34	10/21/21 17:06	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:06	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:06	1
Perfluorooctanesulfonamide	2.5		1.8	ng/L		10/16/21 01:34	10/21/21 17:06	1
Perfluoropentanoic acid	8.5		1.8	ng/L		10/16/21 01:34	10/21/21 17:06	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	93		29 - 189			10/16/21 01:34	10/21/21 17:06	1
M2-8:2 FTS	104		34 - 182			10/16/21 01:34	10/21/21 17:06	1
13C4 PFBA	85		41 - 132			10/16/21 01:34	10/21/21 17:06	1
13C5 PFPeA	83		33 - 155			10/16/21 01:34	10/21/21 17:06	1
13C8 PFOS	86		49 - 126			10/16/21 01:34	10/21/21 17:06	1
13C8 FOSA	66		10 - 143			10/16/21 01:34	10/21/21 17:06	1
13C3 PFHxS	91		32 - 145			10/16/21 01:34	10/21/21 17:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	18		17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluoroheptanoic acid	18		17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorononanoic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorodecanoic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorotridecanoic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorotetradecanoic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorobutanesulfonic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorohexanesulfonic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorooctanesulfonic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
NEtFOSAA	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
NMeFOSAA	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluoroundecanoic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Perfluorododecanoic acid	17	U	17	ng/L		10/12/21 17:56	10/14/21 12:57	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	97		70 - 130			10/12/21 17:56	10/14/21 12:57	10
13C2 PFDA	118		70 - 130			10/12/21 17:56	10/14/21 12:57	10
13C2 PFHxA	118		70 - 130			10/12/21 17:56	10/14/21 12:57	10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	650		170	ng/L		10/12/21 17:56	10/18/21 11:28	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	97		70 - 130			10/12/21 17:56	10/18/21 11:28	100
13C2 PFDA	100		70 - 130			10/12/21 17:56	10/18/21 11:28	100
13C2 PFHxA	108		70 - 130			10/12/21 17:56	10/18/21 11:28	100

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-58350-4

Date Collected: 10/07/21 10:20

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 17:17	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		10/16/21 01:34	10/21/21 17:17	1
Perfluorobutanoic acid	5.6		4.5	ng/L		10/16/21 01:34	10/21/21 17:17	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:17	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:17	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:17	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	109		29 - 189	10/16/21 01:34	10/21/21 17:17	1
M2-8:2 FTS	105		34 - 182	10/16/21 01:34	10/21/21 17:17	1
13C4 PFBA	88		41 - 132	10/16/21 01:34	10/21/21 17:17	1
13C5 PFPeA	85		33 - 155	10/16/21 01:34	10/21/21 17:17	1
13C8 PFOS	88		49 - 126	10/16/21 01:34	10/21/21 17:17	1
13C8 FOSA	78		10 - 143	10/16/21 01:34	10/21/21 17:17	1
13C3 PFHxS	82		32 - 145	10/16/21 01:34	10/21/21 17:17	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		10/12/21 17:56	10/14/21 13:08	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorooctanoic acid	2.4		1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
NEtFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
NMeFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	95		70 - 130	10/12/21 17:56	10/14/21 13:08	1
13C2 PFDA	126		70 - 130	10/12/21 17:56	10/14/21 13:08	1
13C2 PFHxA	119		70 - 130	10/12/21 17:56	10/14/21 13:08	1

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: GAC Effluent

Lab Sample ID: 410-58350-5

Date Collected: 10/07/21 10:25

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 17:28	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		10/16/21 01:34	10/21/21 17:28	1
Perfluorobutanoic acid	4.5	U	4.5	ng/L		10/16/21 01:34	10/21/21 17:28	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:28	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:28	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:28	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 17:28	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	105		29 - 189	10/16/21 01:34	10/21/21 17:28	1
M2-8:2 FTS	101		34 - 182	10/16/21 01:34	10/21/21 17:28	1
13C4 PFBA	87		41 - 132	10/16/21 01:34	10/21/21 17:28	1
13C5 PFPeA	85		33 - 155	10/16/21 01:34	10/21/21 17:28	1
13C8 PFOS	97		49 - 126	10/16/21 01:34	10/21/21 17:28	1
13C8 FOSA	83		10 - 143	10/16/21 01:34	10/21/21 17:28	1
13C3 PFHxS	87		32 - 145	10/16/21 01:34	10/21/21 17:28	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		10/12/21 17:56	10/14/21 13:20	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
NEtFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
NMeFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130	10/12/21 17:56	10/14/21 13:20	1
13C2 PFDA	116		70 - 130	10/12/21 17:56	10/14/21 13:20	1
13C2 PFHxA	110		70 - 130	10/12/21 17:56	10/14/21 13:20	1

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: PV-1 25

Lab Sample ID: 410-58350-6

Date Collected: 10/07/21 10:30

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 17:39	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		10/16/21 01:34	10/21/21 17:39	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		10/16/21 01:34	10/21/21 17:39	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:39	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:39	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:39	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:39	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	121		29 - 189	10/16/21 01:34	10/21/21 17:39	1
M2-8:2 FTS	104		34 - 182	10/16/21 01:34	10/21/21 17:39	1
13C4 PFBA	91		41 - 132	10/16/21 01:34	10/21/21 17:39	1
13C5 PFPeA	88		33 - 155	10/16/21 01:34	10/21/21 17:39	1
13C8 PFOS	89		49 - 126	10/16/21 01:34	10/21/21 17:39	1
13C8 FOSA	77		10 - 143	10/16/21 01:34	10/21/21 17:39	1
13C3 PFHxS	84		32 - 145	10/16/21 01:34	10/21/21 17:39	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		10/12/21 17:56	10/18/21 11:41	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
NEtFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
NMeFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/18/21 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	88		70 - 130	10/12/21 17:56	10/18/21 11:41	1
13C2 PFDA	95		70 - 130	10/12/21 17:56	10/18/21 11:41	1
13C2 PFHxA	104		70 - 130	10/12/21 17:56	10/18/21 11:41	1

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: PV-1 50

Lab Sample ID: 410-58350-7

Date Collected: 10/07/21 10:35

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 17:50	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		10/16/21 01:34	10/21/21 17:50	1
Perfluorobutanoic acid	4.3	U	4.3	ng/L		10/16/21 01:34	10/21/21 17:50	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:50	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:50	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:50	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 17:50	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	113		29 - 189	10/16/21 01:34	10/21/21 17:50	1
M2-8:2 FTS	101		34 - 182	10/16/21 01:34	10/21/21 17:50	1
13C4 PFBA	94		41 - 132	10/16/21 01:34	10/21/21 17:50	1
13C5 PFPeA	89		33 - 155	10/16/21 01:34	10/21/21 17:50	1
13C8 PFOS	90		49 - 126	10/16/21 01:34	10/21/21 17:50	1
13C8 FOSA	77		10 - 143	10/16/21 01:34	10/21/21 17:50	1
13C3 PFHxS	84		32 - 145	10/16/21 01:34	10/21/21 17:50	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		10/12/21 17:56	10/18/21 11:52	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
NEtFOSAA	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
NMeFOSAA	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/18/21 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	99		70 - 130	10/12/21 17:56	10/18/21 11:52	1
13C2 PFDA	103		70 - 130	10/12/21 17:56	10/18/21 11:52	1
13C2 PFHxA	114		70 - 130	10/12/21 17:56	10/18/21 11:52	1

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: PV-1 75

Lab Sample ID: 410-58350-8

Date Collected: 10/07/21 10:40

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 18:01	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		10/16/21 01:34	10/21/21 18:01	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		10/16/21 01:34	10/21/21 18:01	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 18:01	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 18:01	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 18:01	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		10/16/21 01:34	10/21/21 18:01	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	126		29 - 189	10/16/21 01:34	10/21/21 18:01	1
M2-8:2 FTS	119		34 - 182	10/16/21 01:34	10/21/21 18:01	1
13C4 PFBA	95		41 - 132	10/16/21 01:34	10/21/21 18:01	1
13C5 PFPeA	90		33 - 155	10/16/21 01:34	10/21/21 18:01	1
13C8 PFOS	94		49 - 126	10/16/21 01:34	10/21/21 18:01	1
13C8 FOSA	85		10 - 143	10/16/21 01:34	10/21/21 18:01	1
13C3 PFHxS	95		32 - 145	10/16/21 01:34	10/21/21 18:01	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		10/12/21 17:56	10/14/21 14:06	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
NEtFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
NMeFOSAA	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		10/12/21 17:56	10/14/21 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	91		70 - 130	10/12/21 17:56	10/14/21 14:06	1
13C2 PFDA	125		70 - 130	10/12/21 17:56	10/14/21 14:06	1
13C2 PFHxA	116		70 - 130	10/12/21 17:56	10/14/21 14:06	1

Client Sample Results

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

Job ID: 410-58350-1

Client Sample ID: PV-2 75

Lab Sample ID: 410-58350-9

Date Collected: 10/07/21 10:45

Matrix: Water

Date Received: 10/08/21 11:04

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		10/16/21 01:34	10/21/21 18:12	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		10/16/21 01:34	10/21/21 18:12	1
Perfluorobutanoic acid	6.6		4.4	ng/L		10/16/21 01:34	10/21/21 18:12	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 18:12	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 18:12	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 18:12	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		10/16/21 01:34	10/21/21 18:12	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	122		29 - 189	10/16/21 01:34	10/21/21 18:12	1
M2-8:2 FTS	129		34 - 182	10/16/21 01:34	10/21/21 18:12	1
13C4 PFBA	94		41 - 132	10/16/21 01:34	10/21/21 18:12	1
13C5 PFPeA	91		33 - 155	10/16/21 01:34	10/21/21 18:12	1
13C8 PFOS	96		49 - 126	10/16/21 01:34	10/21/21 18:12	1
13C8 FOSA	84		10 - 143	10/16/21 01:34	10/21/21 18:12	1
13C3 PFHxS	93		32 - 145	10/16/21 01:34	10/21/21 18:12	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		10/12/21 17:56	10/14/21 14:18	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorooctanoic acid	2.4		1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
NEtFOSAA	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
NMeFOSAA	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		10/12/21 17:56	10/14/21 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	97		70 - 130	10/12/21 17:56	10/14/21 14:18	1
13C2 PFDA	115		70 - 130	10/12/21 17:56	10/14/21 14:18	1
13C2 PFHxA	113		70 - 130	10/12/21 17:56	10/14/21 14:18	1

Surrogate Summary

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

Job ID: 410-58350-1

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)
410-58350-1	LTB01-211007	94	111	109
410-58350-2	FTB01-211007	96	108	106
410-58350-3	GAC Influent	97	118	118
410-58350-3 - DL	GAC Influent	97	100	108
410-58350-4	GAC Midfluent	95	126	119
410-58350-5	GAC Effluent	94	116	110
410-58350-6	PV-1 25	88	95	104
410-58350-7	PV-1 50	99	103	114
410-58350-8	PV-1 75	91	125	116
410-58350-9	PV-2 75	97	115	113
LCS 410-181922/2-A	Lab Control Sample	96	104	111
LCSD 410-181922/3-A	Lab Control Sample Dup	105	104	110
MB 410-181922/1-A	Method Blank	107	106	111

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: 410-58350-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)						
		M262FTS (29-189)	M282FTS (34-182)	PFBA (41-132)	PFPeA (33-155)	C8PFOS (49-126)	PFOSA (10-143)	C3PFHS (32-145)
410-58350-1	LTB01-211007	108	110	85	81	88	72	80
410-58350-2	FTB01-211007	110	112	92	87	90	80	92
410-58350-3	GAC Influent	93	104	85	83	86	66	91
410-58350-4	GAC Midfluent	109	105	88	85	88	78	82
410-58350-5	GAC Effluent	105	101	87	85	97	83	87
410-58350-6	PV-1 25	121	104	91	88	89	77	84
410-58350-7	PV-1 50	113	101	94	89	90	77	84
410-58350-8	PV-1 75	126	119	95	90	94	85	95
410-58350-9	PV-2 75	122	129	94	91	96	84	93
LCS 410-183553/2-A	Lab Control Sample	114	112	89	90	98	76	85
LCSD 410-183553/3-A	Lab Control Sample Dup	111	114	90	85	98	76	88
MB 410-183553/1-A	Method Blank	120	114	91	87	93	78	86

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: 410-58350-1

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

Lab Sample ID: MB 410-183553/1-A
Matrix: Water
Analysis Batch: 185504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 183553

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		10/16/21 01:34	10/21/21 15:48	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0	ng/L		10/16/21 01:34	10/21/21 15:48	1
Perfluorobutanoic acid	5.0	U	5.0	ng/L		10/16/21 01:34	10/21/21 15:48	1
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		10/16/21 01:34	10/21/21 15:48	1
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		10/16/21 01:34	10/21/21 15:48	1
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		10/16/21 01:34	10/21/21 15:48	1
Perfluoropentanoic acid	2.0	U	2.0	ng/L		10/16/21 01:34	10/21/21 15:48	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
M2-6:2 FTS	120		29 - 189	10/16/21 01:34	10/21/21 15:48	1
M2-8:2 FTS	114		34 - 182	10/16/21 01:34	10/21/21 15:48	1
13C4 PFBA	91		41 - 132	10/16/21 01:34	10/21/21 15:48	1
13C5 PFPeA	87		33 - 155	10/16/21 01:34	10/21/21 15:48	1
13C8 PFOS	93		49 - 126	10/16/21 01:34	10/21/21 15:48	1
13C8 FOSA	78		10 - 143	10/16/21 01:34	10/21/21 15:48	1
13C3 PFHxS	86		32 - 145	10/16/21 01:34	10/21/21 15:48	1

Lab Sample ID: LCS 410-183553/2-A
Matrix: Water
Analysis Batch: 185504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 183553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
8:2 Fluorotelomer sulfonic acid	24.5	26.9		ng/L		110	56 - 140
Perfluorobutanoic acid	25.6	26.5		ng/L		103	62 - 156
Perfluorodecanesulfonic acid	24.7	27.5		ng/L		112	61 - 134
Perfluoroheptanesulfonic acid	24.4	26.8		ng/L		110	67 - 135
Perfluorooctanesulfonamide	25.6	26.6		ng/L		104	55 - 130
Perfluoropentanoic acid	25.6	27.7		ng/L		108	72 - 139

Isotope Dilution	LCS	LCS	Limits
	%Recovery	Qualifier	
M2-6:2 FTS	114		29 - 189
M2-8:2 FTS	112		34 - 182
13C4 PFBA	89		41 - 132
13C5 PFPeA	90		33 - 155
13C8 PFOS	98		49 - 126
13C8 FOSA	76		10 - 143
13C3 PFHxS	85		32 - 145

Lab Sample ID: LCSD 410-183553/3-A
Matrix: Water
Analysis Batch: 185504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 183553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
6:2 Fluorotelomer sulfonic acid	24.3	24.5		ng/L		101	57 - 137	0	30
8:2 Fluorotelomer sulfonic acid	24.5	27.6		ng/L		112	56 - 140	2	30
Perfluorobutanoic acid	25.6	25.1		ng/L		98	62 - 156	5	30
Perfluorodecanesulfonic acid	24.7	27.0		ng/L		109	61 - 134	2	30
Perfluoroheptanesulfonic acid	24.4	25.8		ng/L		106	67 - 135	4	30

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

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

Job ID: 410-58350-1

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

Lab Sample ID: LCSD 410-183553/3-A

Matrix: Water

Analysis Batch: 185504

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 183553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonamide	25.6	25.7		ng/L		100	55 - 130	3	30
Perfluoropentanoic acid	25.6	27.7		ng/L		108	72 - 139	0	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
M2-6:2 FTS	111		29 - 189
M2-8:2 FTS	114		34 - 182
13C4 PFBA	90		41 - 132
13C5 PFPeA	85		33 - 155
13C8 PFOS	98		49 - 126
13C8 FOSA	76		10 - 143
13C3 PFHxS	88		32 - 145

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

Lab Sample ID: MB 410-181922/1-A

Matrix: Water

Analysis Batch: 182698

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 181922

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
NEtFOSAA	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
NMeFOSAA	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		10/12/21 17:56	10/14/21 10:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	107		70 - 130	10/12/21 17:56	10/14/21 10:50	1
13C2 PFDA	106		70 - 130	10/12/21 17:56	10/14/21 10:50	1
13C2 PFHxA	111		70 - 130	10/12/21 17:56	10/14/21 10:50	1

Lab Sample ID: LCS 410-181922/2-A

Matrix: Water

Analysis Batch: 182698

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 181922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	20.5	19.9		ng/L		97	70 - 130
Perfluoroheptanoic acid	20.5	18.4		ng/L		90	70 - 130
Perfluorooctanoic acid	20.5	20.1		ng/L		98	70 - 130
Perfluorononanoic acid	20.5	20.6		ng/L		101	70 - 130
Perfluorodecanoic acid	20.5	18.6		ng/L		91	70 - 130

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

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

Job ID: 410-58350-1

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

Lab Sample ID: LCS 410-181922/2-A

Matrix: Water

Analysis Batch: 182698

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 181922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Perfluorotridecanoic acid	20.5	18.6		ng/L		91	70 - 130	
Perfluorotetradecanoic acid	20.5	18.2		ng/L		89	70 - 130	
Perfluorobutanesulfonic acid	18.1	17.8		ng/L		98	70 - 130	
Perfluorohexanesulfonic acid	18.7	17.5		ng/L		93	70 - 130	
Perfluorooctanesulfonic acid	19.0	18.1		ng/L		95	70 - 130	
NEtFOSAA	20.5	20.4		ng/L		99	70 - 130	
NMeFOSAA	20.5	19.4		ng/L		95	70 - 130	
Perfluoroundecanoic acid	20.5	19.7		ng/L		96	70 - 130	
Perfluorododecanoic acid	20.5	22.1		ng/L		108	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	96		70 - 130
13C2 PFDA	104		70 - 130
13C2 PFHxA	111		70 - 130

Lab Sample ID: LCSD 410-181922/3-A

Matrix: Water

Analysis Batch: 182698

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 181922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits		RPD	Limit
Perfluorohexanoic acid	20.5	20.5		ng/L		100	70 - 130		3	30
Perfluoroheptanoic acid	20.5	20.8		ng/L		101	70 - 130		12	30
Perfluorooctanoic acid	20.5	20.1		ng/L		98	70 - 130		0	30
Perfluorononanoic acid	20.5	20.9		ng/L		102	70 - 130		1	30
Perfluorodecanoic acid	20.5	19.5		ng/L		95	70 - 130		5	30
Perfluorotridecanoic acid	20.5	18.9		ng/L		92	70 - 130		1	30
Perfluorotetradecanoic acid	20.5	18.4		ng/L		90	70 - 130		1	30
Perfluorobutanesulfonic acid	18.1	17.6		ng/L		97	70 - 130		1	30
Perfluorohexanesulfonic acid	18.7	17.2		ng/L		92	70 - 130		2	30
Perfluorooctanesulfonic acid	19.0	17.4		ng/L		92	70 - 130		4	30
NEtFOSAA	20.5	22.3		ng/L		109	70 - 130		9	30
NMeFOSAA	20.5	20.3		ng/L		99	70 - 130		4	30
Perfluoroundecanoic acid	20.5	20.0		ng/L		98	70 - 130		2	30
Perfluorododecanoic acid	20.5	20.5		ng/L		100	70 - 130		8	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	105		70 - 130
13C2 PFDA	104		70 - 130
13C2 PFHxA	110		70 - 130

QC Association Summary

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

Job ID: 410-58350-1

LCMS

Prep Batch: 181922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-58350-1	LTB01-211007	Total/NA	Water	537 DW	
410-58350-2	FTB01-211007	Total/NA	Water	537 DW	
410-58350-3	GAC Influent	Total/NA	Water	537 DW	
410-58350-3 - DL	GAC Influent	Total/NA	Water	537 DW	
410-58350-4	GAC Midfluent	Total/NA	Water	537 DW	
410-58350-5	GAC Effluent	Total/NA	Water	537 DW	
410-58350-6	PV-1 25	Total/NA	Water	537 DW	
410-58350-7	PV-1 50	Total/NA	Water	537 DW	
410-58350-8	PV-1 75	Total/NA	Water	537 DW	
410-58350-9	PV-2 75	Total/NA	Water	537 DW	
MB 410-181922/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-181922/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-181922/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 182698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-58350-1	LTB01-211007	Total/NA	Water	537 DW	181922
410-58350-2	FTB01-211007	Total/NA	Water	537 DW	181922
410-58350-3	GAC Influent	Total/NA	Water	537 DW	181922
410-58350-4	GAC Midfluent	Total/NA	Water	537 DW	181922
410-58350-5	GAC Effluent	Total/NA	Water	537 DW	181922
410-58350-8	PV-1 75	Total/NA	Water	537 DW	181922
410-58350-9	PV-2 75	Total/NA	Water	537 DW	181922
MB 410-181922/1-A	Method Blank	Total/NA	Water	537 DW	181922
LCS 410-181922/2-A	Lab Control Sample	Total/NA	Water	537 DW	181922
LCSD 410-181922/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	181922

Prep Batch: 183553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-58350-1	LTB01-211007	Total/NA	Water	537 (Mod)	
410-58350-2	FTB01-211007	Total/NA	Water	537 (Mod)	
410-58350-3	GAC Influent	Total/NA	Water	537 (Mod)	
410-58350-4	GAC Midfluent	Total/NA	Water	537 (Mod)	
410-58350-5	GAC Effluent	Total/NA	Water	537 (Mod)	
410-58350-6	PV-1 25	Total/NA	Water	537 (Mod)	
410-58350-7	PV-1 50	Total/NA	Water	537 (Mod)	
410-58350-8	PV-1 75	Total/NA	Water	537 (Mod)	
410-58350-9	PV-2 75	Total/NA	Water	537 (Mod)	
MB 410-183553/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-183553/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-183553/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Analysis Batch: 183921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-58350-3 - DL	GAC Influent	Total/NA	Water	537 DW	181922
410-58350-6	PV-1 25	Total/NA	Water	537 DW	181922
410-58350-7	PV-1 50	Total/NA	Water	537 DW	181922

Analysis Batch: 185504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-58350-1	LTB01-211007	Total/NA	Water	537 (Mod)	183553

QC Association Summary

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

Job ID: 410-58350-1

LCMS (Continued)

Analysis Batch: 185504 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-58350-2	FTB01-211007	Total/NA	Water	537 (Mod)	183553
410-58350-3	GAC Influent	Total/NA	Water	537 (Mod)	183553
410-58350-4	GAC Midfluent	Total/NA	Water	537 (Mod)	183553
410-58350-5	GAC Effluent	Total/NA	Water	537 (Mod)	183553
410-58350-6	PV-1 25	Total/NA	Water	537 (Mod)	183553
410-58350-7	PV-1 50	Total/NA	Water	537 (Mod)	183553
410-58350-8	PV-1 75	Total/NA	Water	537 (Mod)	183553
410-58350-9	PV-2 75	Total/NA	Water	537 (Mod)	183553
MB 410-183553/1-A	Method Blank	Total/NA	Water	537 (Mod)	183553
LCS 410-183553/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	183553
LCSD 410-183553/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	183553

Lab Chronicle

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

Job ID: 410-58350-1

Client Sample ID: LTB01-211007

Lab Sample ID: 410-58350-1

Date Collected: 10/07/21 00:00

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 16:44	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	182698	10/14/21 12:22	VK3G	ELLE

Client Sample ID: FTB01-211007

Lab Sample ID: 410-58350-2

Date Collected: 10/07/21 10:00

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 16:55	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	182698	10/14/21 12:34	VK3G	ELLE

Client Sample ID: GAC Influent

Lab Sample ID: 410-58350-3

Date Collected: 10/07/21 10:15

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 17:06	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		10	182698	10/14/21 12:57	VK3G	ELLE
Total/NA	Prep	537 DW	DL		181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW	DL	100	183921	10/18/21 11:28	VK3G	ELLE

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-58350-4

Date Collected: 10/07/21 10:20

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 17:17	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	182698	10/14/21 13:08	VK3G	ELLE

Client Sample ID: GAC Effluent

Lab Sample ID: 410-58350-5

Date Collected: 10/07/21 10:25

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 17:28	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	182698	10/14/21 13:20	VK3G	ELLE

Lab Chronicle

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

Job ID: 410-58350-1

Client Sample ID: PV-1 25

Lab Sample ID: 410-58350-6

Date Collected: 10/07/21 10:30

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 17:39	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	183921	10/18/21 11:41	VK3G	ELLE

Client Sample ID: PV-1 50

Lab Sample ID: 410-58350-7

Date Collected: 10/07/21 10:35

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 17:50	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	183921	10/18/21 11:52	VK3G	ELLE

Client Sample ID: PV-1 75

Lab Sample ID: 410-58350-8

Date Collected: 10/07/21 10:40

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 18:01	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	182698	10/14/21 14:06	VK3G	ELLE

Client Sample ID: PV-2 75

Lab Sample ID: 410-58350-9

Date Collected: 10/07/21 10:45

Matrix: Water

Date Received: 10/08/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			183553	10/16/21 01:34	GU2F	ELLE
Total/NA	Analysis	537 (Mod)		1	185504	10/21/21 18:12	PY4D	ELLE
Total/NA	Prep	537 DW			181922	10/12/21 17:56	AX9M	ELLE
Total/NA	Analysis	537 DW		1	182698	10/14/21 14:18	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: 410-58350-1

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: 410-58350-1

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: 410-58350-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-58350-1	LTB01-211007	Water	10/07/21 00:00	10/08/21 11:04
410-58350-2	FTB01-211007	Water	10/07/21 10:00	10/08/21 11:04
410-58350-3	GAC Influent	Water	10/07/21 10:15	10/08/21 11:04
410-58350-4	GAC Midfluent	Water	10/07/21 10:20	10/08/21 11:04
410-58350-5	GAC Effluent	Water	10/07/21 10:25	10/08/21 11:04
410-58350-6	PV-1 25	Water	10/07/21 10:30	10/08/21 11:04
410-58350-7	PV-1 50	Water	10/07/21 10:35	10/08/21 11:04
410-58350-8	PV-1 75	Water	10/07/21 10:40	10/08/21 11:04
410-58350-9	PV-2 75	Water	10/07/21 10:45	10/08/21 11:04

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

Chain of Custody Record



Client Information		Sampler: <u>D. King</u>	Lab PM: Coplan, Dorothy	410-58350 Chain of Custody	COC No: 410-13086-232 2	
Client Contact: Jonathan Dippert		Phone: <u>518-786-7400</u>	E-Mail: Dorothy.Coplan@eurofinset.com	<u>NI</u>	Page <u>2</u> of <u>2</u> / <u>1 of 1</u>	
Company: CT Male Associates DPC		PWSID		Analysis Requested		
Address: 50 Century Hill Dr		Due Date Requested:		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - Trizma		
City: Latham		TAT Requested (days):				
State, Zip: NY, 12110		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No				
Phone: <u>518-786-7400</u>		PO #: 14 4756				
Email: j.dippert@ctmale.com		WO #:				
Project Name: Hoosick Falls WTP		Project #: 41000511		Total Number of Containers:		
Site: <u>SGPP-McLaffrey</u>		SSOW#:				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Gas, Soil, BT=Tissue, A=Air)	Special Instructions/Note:
<u>LTB01-211007</u>		<u>10/7/21</u>	<u>—</u>	<u>G</u>	<u>Water</u>	
<u>FTB01-211007</u>			<u>1000</u>		<u>Water</u>	
<u>GAC InFluent</u>			<u>1015</u>		<u>Water</u>	
<u>GAC MidFluent</u>			<u>1020</u>			
<u>GAC Effluent</u>			<u>1025</u>			
<u>PV-1 2S</u>			<u>1030</u>			
<u>PV-1 50</u>			<u>1035</u>			
<u>PV-1 75</u>			<u>1040</u>			
<u>PV-2 75</u>			<u>1045</u>			
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify) <u>EQUS</u>		Special Instructions/QC Requirements:				
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment: <u>Fedex</u>		
Relinquished by: <u>[Signature]</u>		Date/Time: <u>10/7/21 1400</u>	Company: <u>CT Male</u>	Received by:	Date/Time:	Company:
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:		Date/Time:	Company:	Received by: <u>[Signature]</u>	Date/Time: <u>10/8/21 1104</u>	Company: <u>[Signature]</u>
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>0.5</u>		

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-58350-1

Login Number: 58350

List Source: Eurofins Lancaster Laboratories Env, LLC

List Number: 1

Creator: Lugardo, Tamara

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
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 ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, 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	