

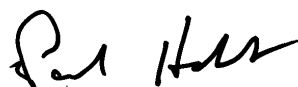
## ANALYTICAL REPORT

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

Laboratory Job ID: 410-28622-1  
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:  
2/18/2021 3:48:58 PM

Paul Hobart, Project Manager  
(617)312-8660  
[Paul.Hobart@Eurofinset.com](mailto:Paul.Hobart@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://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.

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

---

Paul Hobart  
Project Manager  
2/18/2021 3:48:58 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 . . . . .	25
Lab Chronicle . . . . .	27
Certification Summary . . . . .	29
Method Summary . . . . .	30
Sample Summary . . . . .	31
Chain of Custody . . . . .	32
Receipt Checklists . . . . .	33

# Definitions/Glossary

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

Job ID: 410-28622-1  
SDG: HOO

## Qualifiers

### LCMS

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 410-28622-1  
SDG: HOO

---

**Job ID: 410-28622-1**

---

**Laboratory: Eurofins Lancaster Laboratories Env, LLC**

---

**Narrative**

**Job Narrative  
410-28622-1**

**Receipt**

The samples were received on 2/5/2021 10:41 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 2.5°C

**LCMS**

Method PFC\_IDA: The LCS/LCSD labeled isotope(s) recovery associated with samples: PV-1 50 (410-28622-5) and PV-1 75 (410-28622-6) is outside the QC acceptance limits. Since the recovery for target analytes is within the limits, 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: 410-28622-1  
SDG: HOO

## Client Sample ID: GAC Influent

Lab Sample ID: 410-28622-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid	3.9		1.9	ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	13		1.8	ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	13		1.8	ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	3.7		1.8	ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	440		18	ng/L	10		537 DW	Total/NA

## Client Sample ID: GAC Midfluent

Lab Sample ID: 410-28622-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.5		4.4	ng/L	1		537 (Mod)	Total/NA

## Client Sample ID: GAC Effluent

Lab Sample ID: 410-28622-3

No Detections.

## Client Sample ID: PV-1 25

Lab Sample ID: 410-28622-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.5		4.5	ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	4.0		1.8	ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	12		1.8	ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	9.2		1.8	ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	340		18	ng/L	10		537 DW	Total/NA

## Client Sample ID: PV-1 50

Lab Sample ID: 410-28622-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.7		4.3	ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	3.6		1.7	ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	5.6		1.7	ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid	17		1.7	ng/L	1		537 DW	Total/NA

## Client Sample ID: PV-1 75

Lab Sample ID: 410-28622-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	7.0		4.4	ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	1.8		1.8	ng/L	1		537 (Mod)	Total/NA

## Client Sample ID: PV-2 25

Lab Sample ID: 410-28622-7

No Detections.

## Client Sample ID: FTB01-210204

Lab Sample ID: 410-28622-8

No Detections.

## Client Sample ID: LTB01-210204

Lab Sample ID: 410-28622-9

No Detections.

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: 410-28622-1  
SDG: HOO

**Client Sample ID: GAC Influent**

**Lab Sample ID: 410-28622-1**

Date Collected: 02/04/21 09:25

Matrix: Water

Date Received: 02/05/21 10:41

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.7	U	4.7	ng/L		02/08/21 08:31	02/10/21 00:33	1
8:2 Fluorotelomer sulfonic acid	2.8	U	2.8	ng/L		02/08/21 08:31	02/10/21 00:33	1
Perfluorobutanoic acid	4.7	U	4.7	ng/L		02/08/21 08:31	02/10/21 00:33	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		02/08/21 08:31	02/10/21 00:33	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		02/08/21 08:31	02/10/21 00:33	1
Perfluorooctanesulfonamide	1.9	U *	1.9	ng/L		02/08/21 08:31	02/10/21 00:33	1
<b>Perfluoropentanoic acid</b>	<b>3.9</b>		1.9	ng/L		02/08/21 08:31	02/10/21 00:33	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	89		29 - 189	02/08/21 08:31	02/10/21 00:33	1
M2-8:2 FTS	94		34 - 182	02/08/21 08:31	02/10/21 00:33	1
13C4 PFBA	103		41 - 132	02/08/21 08:31	02/10/21 00:33	1
13C5 PFPeA	106		33 - 155	02/08/21 08:31	02/10/21 00:33	1
13C8 PFOS	106		49 - 126	02/08/21 08:31	02/10/21 00:33	1
13C8 FOSA	72		10 - 143	02/08/21 08:31	02/10/21 00:33	1
13C3 PFHxS	113		32 - 145	02/08/21 08:31	02/10/21 00:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Perfluorohexanoic acid</b>	<b>13</b>		1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
<b>Perfluoroheptanoic acid</b>	<b>13</b>		1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
<b>Perfluorooctanesulfonic acid</b>	<b>3.7</b>		1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
NEtFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
NMeFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	88		70 - 130	02/08/21 19:59	02/10/21 07:37	1
13C2 PFDA	109		70 - 130	02/08/21 19:59	02/10/21 07:37	1
13C2 PFHxA	104		70 - 130	02/08/21 19:59	02/10/21 07:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Perfluorooctanoic acid</b>	<b>440</b>		18	ng/L		02/08/21 19:59	02/10/21 10:17	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	91		70 - 130	02/08/21 19:59	02/10/21 10:17	10
13C2 PFDA	93		70 - 130	02/08/21 19:59	02/10/21 10:17	10
13C2 PFHxA	98		70 - 130	02/08/21 19:59	02/10/21 10:17	10

# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: GAC Midfluent**

**Lab Sample ID: 410-28622-2**

Date Collected: 02/04/21 09:30

Matrix: Water

Date Received: 02/05/21 10:41

**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		02/08/21 08:31	02/10/21 00:44	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		02/08/21 08:31	02/10/21 00:44	1
<b>Perfluorobutanoic acid</b>	<b>4.5</b>		4.4	ng/L		02/08/21 08:31	02/10/21 00:44	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 00:44	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 00:44	1
Perfluorooctanesulfonamide	1.8	U *	1.8	ng/L		02/08/21 08:31	02/10/21 00:44	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 00:44	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	87		29 - 189	02/08/21 08:31	02/10/21 00:44	1
M2-8:2 FTS	94		34 - 182	02/08/21 08:31	02/10/21 00:44	1
13C4 PFBA	104		41 - 132	02/08/21 08:31	02/10/21 00:44	1
13C5 PFPeA	100		33 - 155	02/08/21 08:31	02/10/21 00:44	1
13C8 PFOS	101		49 - 126	02/08/21 08:31	02/10/21 00:44	1
13C8 FOSA	75		10 - 143	02/08/21 08:31	02/10/21 00:44	1
13C3 PFHxS	103		32 - 145	02/08/21 08:31	02/10/21 00:44	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		02/08/21 19:59	02/10/21 07:48	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
NEtFOSAA	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
NMeFOSAA	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 07:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	87		70 - 130	02/08/21 19:59	02/10/21 07:48	1
13C2 PFDA	81		70 - 130	02/08/21 19:59	02/10/21 07:48	1
13C2 PFHxA	82		70 - 130	02/08/21 19:59	02/10/21 07:48	1



# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: GAC Effluent**

**Lab Sample ID: 410-28622-3**

Date Collected: 02/04/21 09:35

Matrix: Water

Date Received: 02/05/21 10:41

**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		02/08/21 08:31	02/10/21 00:54	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		02/08/21 08:31	02/10/21 00:54	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		02/08/21 08:31	02/10/21 00:54	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 00:54	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 00:54	1
Perfluorooctanesulfonamide	1.8	U *	1.8	ng/L		02/08/21 08:31	02/10/21 00:54	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 00:54	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	84		29 - 189	02/08/21 08:31	02/10/21 00:54	1
M2-8:2 FTS	100		34 - 182	02/08/21 08:31	02/10/21 00:54	1
13C4 PFBA	102		41 - 132	02/08/21 08:31	02/10/21 00:54	1
13C5 PFPeA	100		33 - 155	02/08/21 08:31	02/10/21 00:54	1
13C8 PFOS	103		49 - 126	02/08/21 08:31	02/10/21 00:54	1
13C8 FOSA	72		10 - 143	02/08/21 08:31	02/10/21 00:54	1
13C3 PFHxS	100		32 - 145	02/08/21 08:31	02/10/21 00:54	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		02/08/21 19:59	02/10/21 08:00	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
NEtFOSAA	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
NMeFOSAA	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/10/21 08:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	93		70 - 130	02/08/21 19:59	02/10/21 08:00	1
13C2 PFDA	97		70 - 130	02/08/21 19:59	02/10/21 08:00	1
13C2 PFHxA	96		70 - 130	02/08/21 19:59	02/10/21 08:00	1

# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: PV-1 25**  
**Date Collected: 02/04/21 09:38**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-4**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.5	U	4.5	ng/L		02/08/21 08:31	02/10/21 01:05	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		02/08/21 08:31	02/10/21 01:05	1
<b>Perfluorobutanoic acid</b>	<b>4.5</b>		4.5	ng/L		02/08/21 08:31	02/10/21 01:05	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 01:05	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 08:31	02/10/21 01:05	1
Perfluorooctanesulfonamide	1.8	U **	1.8	ng/L		02/08/21 08:31	02/10/21 01:05	1
<b>Perfluoropentanoic acid</b>	<b>4.0</b>		1.8	ng/L		02/08/21 08:31	02/10/21 01:05	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	85		29 - 189			02/08/21 08:31	02/10/21 01:05	1
M2-8:2 FTS	99		34 - 182			02/08/21 08:31	02/10/21 01:05	1
13C4 PFBA	103		41 - 132			02/08/21 08:31	02/10/21 01:05	1
13C5 PFPeA	103		33 - 155			02/08/21 08:31	02/10/21 01:05	1
13C8 PFOS	104		49 - 126			02/08/21 08:31	02/10/21 01:05	1
13C8 FOSA	74		10 - 143			02/08/21 08:31	02/10/21 01:05	1
13C3 PFHxS	109		32 - 145			02/08/21 08:31	02/10/21 01:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Perfluorohexanoic acid</b>	<b>12</b>		1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
<b>Perfluoroheptanoic acid</b>	<b>9.2</b>		1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
NEtFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
NMeFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	89		70 - 130			02/08/21 19:59	02/10/21 08:11	1
13C2 PFDA	104		70 - 130			02/08/21 19:59	02/10/21 08:11	1
13C2 PFHxA	102		70 - 130			02/08/21 19:59	02/10/21 08:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Perfluorooctanoic acid</b>	<b>340</b>		18	ng/L		02/08/21 19:59	02/11/21 06:22	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	118		70 - 130			02/08/21 19:59	02/11/21 06:22	10
13C2 PFDA	114		70 - 130			02/08/21 19:59	02/11/21 06:22	10
13C2 PFHxA	118		70 - 130			02/08/21 19:59	02/11/21 06:22	10

# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: PV-1 50**

**Lab Sample ID: 410-28622-5**

Date Collected: 02/04/21 09:42

Matrix: Water

Date Received: 02/05/21 10:41

**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		02/08/21 19:34	02/09/21 19:17	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		02/08/21 19:34	02/09/21 19:17	1
<b>Perfluorobutanoic acid</b>	<b>4.7</b>		4.3	ng/L		02/08/21 19:34	02/09/21 19:17	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:34	02/09/21 19:17	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:34	02/09/21 19:17	1
Perfluorooctanesulfonamide	1.7	U *	1.7	ng/L		02/08/21 19:34	02/09/21 19:17	1
<b>Perfluoropentanoic acid</b>	<b>3.6</b>		1.7	ng/L		02/08/21 19:34	02/09/21 19:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	91		29 - 189	02/08/21 19:34	02/09/21 19:17	1
M2-8:2 FTS	120		34 - 182	02/08/21 19:34	02/09/21 19:17	1
13C4 PFBA	105		41 - 132	02/08/21 19:34	02/09/21 19:17	1
13C5 PFPeA	103		33 - 155	02/08/21 19:34	02/09/21 19:17	1
13C8 PFOS	109		49 - 126	02/08/21 19:34	02/09/21 19:17	1
13C8 FOSA	84		10 - 143	02/08/21 19:34	02/09/21 19:17	1
13C3 PFHxS	105		32 - 145	02/08/21 19:34	02/09/21 19:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Perfluorohexanoic acid</b>	<b>5.6</b>		1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
<b>Perfluorooctanoic acid</b>	<b>17</b>		1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
NEtFOSAA	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
NMeFOSAA	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		02/08/21 19:59	02/11/21 06:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	91		70 - 130	02/08/21 19:59	02/11/21 06:33	1
13C2 PFDA	89		70 - 130	02/08/21 19:59	02/11/21 06:33	1
13C2 PFHxA	91		70 - 130	02/08/21 19:59	02/11/21 06:33	1

# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: PV-1 75**  
**Date Collected: 02/04/21 09:45**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-6**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.4	U	4.4	ng/L		02/08/21 19:34	02/09/21 19:27	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		02/08/21 19:34	02/09/21 19:27	1
<b>Perfluorobutanoic acid</b>	<b>7.0</b>		4.4	ng/L		02/08/21 19:34	02/09/21 19:27	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:34	02/09/21 19:27	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:34	02/09/21 19:27	1
Perfluorooctanesulfonamide	1.8	U *	1.8	ng/L		02/08/21 19:34	02/09/21 19:27	1
<b>Perfluoropentanoic acid</b>	<b>1.8</b>		1.8	ng/L		02/08/21 19:34	02/09/21 19:27	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
M2-6:2 FTS	94		29 - 189			02/08/21 19:34	02/09/21 19:27	1
M2-8:2 FTS	95		34 - 182			02/08/21 19:34	02/09/21 19:27	1
13C4 PFBA	105		41 - 132			02/08/21 19:34	02/09/21 19:27	1
13C5 PFPeA	107		33 - 155			02/08/21 19:34	02/09/21 19:27	1
13C8 PFOS	107		49 - 126			02/08/21 19:34	02/09/21 19:27	1
13C8 FOSA	76		10 - 143			02/08/21 19:34	02/09/21 19:27	1
13C3 PFHxS	105		32 - 145			02/08/21 19:34	02/09/21 19:27	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		02/08/21 19:59	02/10/21 08:34	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
NEtFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
NMeFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 08:34	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
d5-NEtFOSAA	87		70 - 130			02/08/21 19:59	02/10/21 08:34	1
13C2 PFDA	91		70 - 130			02/08/21 19:59	02/10/21 08:34	1
13C2 PFHxA	92		70 - 130			02/08/21 19:59	02/10/21 08:34	1

# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: PV-2 25**

**Lab Sample ID: 410-28622-7**

**Date Collected: 02/04/21 09:50**

**Matrix: Water**

**Date Received: 02/05/21 10:41**

**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		02/09/21 07:47	02/10/21 14:46	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		02/09/21 07:47	02/10/21 14:46	1
Perfluorobutanoic acid	4.3	U	4.3	ng/L		02/09/21 07:47	02/10/21 14:46	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 14:46	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 14:46	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 14:46	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 14:46	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	110		29 - 189	02/09/21 07:47	02/10/21 14:46	1
M2-8:2 FTS	131		34 - 182	02/09/21 07:47	02/10/21 14:46	1
13C4 PFBA	123		41 - 132	02/09/21 07:47	02/10/21 14:46	1
13C5 PFPeA	123		33 - 155	02/09/21 07:47	02/10/21 14:46	1
13C8 PFOS	122		49 - 126	02/09/21 07:47	02/10/21 14:46	1
13C8 FOSA	87		10 - 143	02/09/21 07:47	02/10/21 14:46	1
13C3 PFHxS	123		32 - 145	02/09/21 07:47	02/10/21 14:46	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		02/16/21 17:26	02/17/21 15:29	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
NEtFOSAA	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
NMeFOSAA	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		02/16/21 17:26	02/17/21 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90		70 - 130	02/16/21 17:26	02/17/21 15:29	1
13C2 PFDA	80		70 - 130	02/16/21 17:26	02/17/21 15:29	1
13C2 PFHxA	95		70 - 130	02/16/21 17:26	02/17/21 15:29	1

# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: FTB01-210204**

**Lab Sample ID: 410-28622-8**

**Date Collected: 02/04/21 09:55**

**Matrix: Water**

**Date Received: 02/05/21 10:41**

**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		02/09/21 07:47	02/10/21 15:07	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5	ng/L		02/09/21 07:47	02/10/21 15:07	1
Perfluorobutanoic acid	4.2	U	4.2	ng/L		02/09/21 07:47	02/10/21 15:07	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:07	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:07	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:07	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:07	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	94		29 - 189	02/09/21 07:47	02/10/21 15:07	1
M2-8:2 FTS	107		34 - 182	02/09/21 07:47	02/10/21 15:07	1
13C4 PFBA	105		41 - 132	02/09/21 07:47	02/10/21 15:07	1
13C5 PFPeA	105		33 - 155	02/09/21 07:47	02/10/21 15:07	1
13C8 PFOS	107		49 - 126	02/09/21 07:47	02/10/21 15:07	1
13C8 FOSA	67		10 - 143	02/09/21 07:47	02/10/21 15:07	1
13C3 PFHxS	108		32 - 145	02/09/21 07:47	02/10/21 15:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
NEtFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
NMeFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/12/21 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	81		70 - 130	02/08/21 19:59	02/12/21 20:04	1
13C2 PFDA	84		70 - 130	02/08/21 19:59	02/12/21 20:04	1
13C2 PFHxA	77		70 - 130	02/08/21 19:59	02/12/21 20:04	1

# Client Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: LTB01-210204**

**Lab Sample ID: 410-28622-9**

**Date Collected: 02/04/21 00:00**

**Matrix: Water**

**Date Received: 02/05/21 10:41**

**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		02/09/21 07:47	02/10/21 15:18	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		02/09/21 07:47	02/10/21 15:18	1
Perfluorobutanoic acid	4.3	U	4.3	ng/L		02/09/21 07:47	02/10/21 15:18	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:18	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:18	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:18	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		02/09/21 07:47	02/10/21 15:18	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	95		29 - 189	02/09/21 07:47	02/10/21 15:18	1
M2-8:2 FTS	110		34 - 182	02/09/21 07:47	02/10/21 15:18	1
13C4 PFBA	112		41 - 132	02/09/21 07:47	02/10/21 15:18	1
13C5 PFPeA	118		33 - 155	02/09/21 07:47	02/10/21 15:18	1
13C8 PFOS	113		49 - 126	02/09/21 07:47	02/10/21 15:18	1
13C8 FOSA	72		10 - 143	02/09/21 07:47	02/10/21 15:18	1
13C3 PFHxS	110		32 - 145	02/09/21 07:47	02/10/21 15:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
NEtFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
NMeFOSAA	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		02/08/21 19:59	02/10/21 09:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	91		70 - 130	02/08/21 19:59	02/10/21 09:20	1
13C2 PFDA	87		70 - 130	02/08/21 19:59	02/10/21 09:20	1
13C2 PFHxA	84		70 - 130	02/08/21 19:59	02/10/21 09:20	1

# Surrogate Summary

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

Job ID: 410-28622-1  
 SDG: HOO

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

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-28622-1	GAC Influent	88	109	104
410-28622-1 - DL	GAC Influent	91	93	98
410-28622-2	GAC Midfluent	87	81	82
410-28622-3	GAC Effluent	93	97	96
410-28622-4	PV-1 25	89	104	102
410-28622-4 - DL	PV-1 25	118	114	118
410-28622-5	PV-1 50	91	89	91
410-28622-6	PV-1 75	87	91	92
410-28622-7	PV-2 25	90	80	95
410-28622-8	FTB01-210204	81	84	77
410-28622-9	LTB01-210204	91	87	84
LCS 410-92215/2-A	Lab Control Sample	90	93	92
LCS 410-94800/2-A	Lab Control Sample	91	91	101
LCSD 410-92215/3-A	Lab Control Sample Dup	84	94	87
MB 410-92215/1-A	Method Blank	81	88	87
MB 410-94800/1-A	Method Blank	87	90	101

#### 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: 410-28622-1  
 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	M282FTS	PFBA	PFPeA	C8PFOS	PFOSA	C3PFHS
		(29-189)	(34-182)	(41-132)	(33-155)	(49-126)	(10-143)	(32-145)
410-28622-1	GAC Influent	89	94	103	106	106	72	113
410-28622-2	GAC Midfluent	87	94	104	100	101	75	103
410-28622-3	GAC Effluent	84	100	102	100	103	72	100
410-28622-4	PV-1 25	85	99	103	103	104	74	109
410-28622-5	PV-1 50	91	120	105	103	109	84	105
410-28622-6	PV-1 75	94	95	105	107	107	76	105
410-28622-7	PV-2 25	110	131	123	123	122	87	123
410-28622-8	FTB01-210204	94	107	105	105	107	67	108
410-28622-9	LTB01-210204	95	110	112	118	113	72	110
LCS 410-91953/2-A	Lab Control Sample	88	106	101	97	101	74	101
LCS 410-92210/2-A	Lab Control Sample	121	145	138 *5+	130	133 *5+	93	136
LCS 410-92304/2-A	Lab Control Sample	104	115	117	118	117	78	117
LCSD 410-91953/3-A	Lab Control Sample Dup	93	117	100	91	106	73	99
LCSD 410-92210/3-A	Lab Control Sample Dup	99	111	121	117	117	85	114
LCSD 410-92304/3-A	Lab Control Sample Dup	118	128	126	125	125	87	130
MB 410-91953/1-A	Method Blank	81	100	97	94	97	66	93
MB 410-92210/1-A	Method Blank	93	100	104	101	102	73	102
MB 410-92304/1-A	Method Blank	90	104	106	107	111	70	102

**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: 410-28622-1  
SDG: HOO

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

**Lab Sample ID: MB 410-91953/1-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 91953**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		02/08/21 08:31	02/09/21 20:41	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0	ng/L		02/08/21 08:31	02/09/21 20:41	1
Perfluorobutanoic acid	5.0	U	5.0	ng/L		02/08/21 08:31	02/09/21 20:41	1
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		02/08/21 08:31	02/09/21 20:41	1
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		02/08/21 08:31	02/09/21 20:41	1
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		02/08/21 08:31	02/09/21 20:41	1
Perfluoropentanoic acid	2.0	U	2.0	ng/L		02/08/21 08:31	02/09/21 20:41	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
M2-6:2 FTS	81		29 - 189	02/08/21 08:31	02/09/21 20:41	1
M2-8:2 FTS	100		34 - 182	02/08/21 08:31	02/09/21 20:41	1
13C4 PFBA	97		41 - 132	02/08/21 08:31	02/09/21 20:41	1
13C5 PFPeA	94		33 - 155	02/08/21 08:31	02/09/21 20:41	1
13C8 PFOS	97		49 - 126	02/08/21 08:31	02/09/21 20:41	1
13C8 FOSA	66		10 - 143	02/08/21 08:31	02/09/21 20:41	1
13C3 PFHxS	93		32 - 145	02/08/21 08:31	02/09/21 20:41	1

**Lab Sample ID: LCS 410-91953/2-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 91953**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
8:2 Fluorotelomer sulfonic acid	24.5	24.7		ng/L		101	56 - 140
Perfluorobutanoic acid	25.6	27.2		ng/L		106	62 - 156
Perfluorodecanesulfonic acid	24.7	24.4		ng/L		99	61 - 134
Perfluoroheptanesulfonic acid	24.4	26.2		ng/L		108	67 - 135
Perfluorooctanesulfonamide	25.6	34.2	+	ng/L		134	55 - 130
Perfluoropentanoic acid	25.6	27.6		ng/L		108	72 - 139

Isotope Dilution	LCS	LCS	Limits
	%Recovery	Qualifier	
M2-6:2 FTS	88		29 - 189
M2-8:2 FTS	106		34 - 182
13C4 PFBA	101		41 - 132
13C5 PFPeA	97		33 - 155
13C8 PFOS	101		49 - 126
13C8 FOSA	74		10 - 143
13C3 PFHxS	101		32 - 145

**Lab Sample ID: LCSD 410-91953/3-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 91953**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
6:2 Fluorotelomer sulfonic acid	24.3	25.3		ng/L		104	57 - 137	4	30
8:2 Fluorotelomer sulfonic acid	24.5	24.0		ng/L		98	56 - 140	3	30
Perfluorobutanoic acid	25.6	27.1		ng/L		106	62 - 156	0	30
Perfluorodecanesulfonic acid	24.7	23.8		ng/L		97	61 - 134	2	30
Perfluoroheptanesulfonic acid	24.4	26.8		ng/L		110	67 - 135	2	30

Eurofins Lancaster Laboratories Env, LLC

# QC Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

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

**Lab Sample ID: LCSD 410-91953/3-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 91953**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonamide	25.6	36.4	*+	ng/L		142	55 - 130	6	30
Perfluoropentanoic acid	25.6	28.7		ng/L		112	72 - 139	4	30
		LCSD	LCSD						
Isotope Dilution	%Recovery	Qualifier	Limits						
M2-6:2 FTS	93		29 - 189						
M2-8:2 FTS	117		34 - 182						
13C4 PFBA	100		41 - 132						
13C5 PFPeA	91		33 - 155						
13C8 PFOS	106		49 - 126						
13C8 FOSA	73		10 - 143						
13C3 PFHxS	99		32 - 145						

**Lab Sample ID: MB 410-92210/1-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 92210**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		02/08/21 19:34	02/09/21 16:17	1	
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0	ng/L		02/08/21 19:34	02/09/21 16:17	1	
Perfluorobutanoic acid	5.0	U	5.0	ng/L		02/08/21 19:34	02/09/21 16:17	1	
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		02/08/21 19:34	02/09/21 16:17	1	
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		02/08/21 19:34	02/09/21 16:17	1	
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		02/08/21 19:34	02/09/21 16:17	1	
Perfluoropentanoic acid	2.0	U	2.0	ng/L		02/08/21 19:34	02/09/21 16:17	1	
		MB	MB						
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
M2-6:2 FTS	93		29 - 189	02/08/21 19:34	02/09/21 16:17	1			
M2-8:2 FTS	100		34 - 182	02/08/21 19:34	02/09/21 16:17	1			
13C4 PFBA	104		41 - 132	02/08/21 19:34	02/09/21 16:17	1			
13C5 PFPeA	101		33 - 155	02/08/21 19:34	02/09/21 16:17	1			
13C8 PFOS	102		49 - 126	02/08/21 19:34	02/09/21 16:17	1			
13C8 FOSA	73		10 - 143	02/08/21 19:34	02/09/21 16:17	1			
13C3 PFHxS	102		32 - 145	02/08/21 19:34	02/09/21 16:17	1			

**Lab Sample ID: LCS 410-92210/2-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 92210**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
6:2 Fluorotelomer sulfonic acid	24.3	27.3		ng/L		112	57 - 137
8:2 Fluorotelomer sulfonic acid	24.5	23.2		ng/L		95	56 - 140
Perfluorobutanoic acid	25.6	25.0		ng/L		98	62 - 156
Perfluorodecanesulfonic acid	24.7	22.0		ng/L		89	61 - 134
Perfluoroheptanesulfonic acid	24.4	24.2		ng/L		99	67 - 135
Perfluorooctanesulfonamide	25.6	33.8	*+	ng/L		132	55 - 130
Perfluoropentanoic acid	25.6	27.1		ng/L		106	72 - 139
		LCS	LCS				
Isotope Dilution	%Recovery	Qualifier	Limits				
M2-6:2 FTS	121		29 - 189				

# QC Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

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

**Lab Sample ID: LCS 410-92210/2-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 92210**

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
M2-8:2 FTS	145		34 - 182
13C4 PFBA	138	*5+	41 - 132
13C5 PFPeA	130		33 - 155
13C8 PFOS	133	*5+	49 - 126
13C8 FOSA	93		10 - 143
13C3 PFHxS	136		32 - 145

**Lab Sample ID: LCSD 410-92210/3-A**  
**Matrix: Water**  
**Analysis Batch: 92385**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 92210**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit	RPD	Limit
6:2 Fluorotelomer sulfonic acid	24.3	26.9		ng/L		111	57 - 137	1	30	
8:2 Fluorotelomer sulfonic acid	24.5	27.6		ng/L		113	56 - 140	17	30	
Perfluorobutanoic acid	25.6	25.6		ng/L		100	62 - 156	2	30	
Perfluorodecanesulfonic acid	24.7	21.7		ng/L		88	61 - 134	1	30	
Perfluoroheptanesulfonic acid	24.4	25.0		ng/L		103	67 - 135	3	30	
Perfluorooctanesulfonamide	25.6	34.6	*+	ng/L		135	55 - 130	2	30	
Perfluoropentanoic acid	25.6	27.3		ng/L		107	72 - 139	1	30	

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	99		29 - 189
M2-8:2 FTS	111		34 - 182
13C4 PFBA	121		41 - 132
13C5 PFPeA	117		33 - 155
13C8 PFOS	117		49 - 126
13C8 FOSA	85		10 - 143
13C3 PFHxS	114		32 - 145

**Lab Sample ID: MB 410-92304/1-A**  
**Matrix: Water**  
**Analysis Batch: 92855**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 92304**

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		02/09/21 07:43	02/10/21 22:07	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0	ng/L		02/09/21 07:43	02/10/21 22:07	1
Perfluorobutanoic acid	5.0	U	5.0	ng/L		02/09/21 07:43	02/10/21 22:07	1
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		02/09/21 07:43	02/10/21 22:07	1
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		02/09/21 07:43	02/10/21 22:07	1
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		02/09/21 07:43	02/10/21 22:07	1
Perfluoropentanoic acid	2.0	U	2.0	ng/L		02/09/21 07:43	02/10/21 22:07	1

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
M2-6:2 FTS	90		29 - 189	02/09/21 07:43	02/10/21 22:07	1
M2-8:2 FTS	104		34 - 182	02/09/21 07:43	02/10/21 22:07	1
13C4 PFBA	106		41 - 132	02/09/21 07:43	02/10/21 22:07	1
13C5 PFPeA	107		33 - 155	02/09/21 07:43	02/10/21 22:07	1
13C8 PFOS	111		49 - 126	02/09/21 07:43	02/10/21 22:07	1
13C8 FOSA	70		10 - 143	02/09/21 07:43	02/10/21 22:07	1

Eurofins Lancaster Laboratories Env, LLC

# QC Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

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

**Lab Sample ID: MB 410-92304/1-A**  
**Matrix: Water**  
**Analysis Batch: 92855**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 92304**

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C3 PFHxS	102		32 - 145	02/09/21 07:43	02/10/21 22:07	1

**Lab Sample ID: LCS 410-92304/2-A**  
**Matrix: Water**  
**Analysis Batch: 92855**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 92304**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
8:2 Fluorotelomer sulfonic acid	24.5	21.7		ng/L		88	56 - 140
Perfluorobutanoic acid	25.6	23.5		ng/L		92	62 - 156
Perfluorodecanesulfonic acid	24.7	20.5		ng/L		83	61 - 134
Perfluoroheptanesulfonic acid	24.4	23.0		ng/L		94	67 - 135
Perfluorooctanesulfonamide	25.6	27.8		ng/L		109	55 - 130
Perfluoropentanoic acid	25.6	23.8		ng/L		93	72 - 139

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	104		29 - 189
M2-8:2 FTS	115		34 - 182
13C4 PFBA	117		41 - 132
13C5 PFPeA	118		33 - 155
13C8 PFOS	117		49 - 126
13C8 FOSA	78		10 - 143
13C3 PFHxS	117		32 - 145

**Lab Sample ID: LCSD 410-92304/3-A**  
**Matrix: Water**  
**Analysis Batch: 92855**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 92304**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
6:2 Fluorotelomer sulfonic acid	24.3	19.1		ng/L		79	57 - 137	9	30
8:2 Fluorotelomer sulfonic acid	24.5	20.7		ng/L		85	56 - 140	4	30
Perfluorobutanoic acid	25.6	22.7		ng/L		89	62 - 156	3	30
Perfluorodecanesulfonic acid	24.7	21.4		ng/L		87	61 - 134	4	30
Perfluoroheptanesulfonic acid	24.4	22.1		ng/L		91	67 - 135	4	30
Perfluorooctanesulfonamide	25.6	26.8		ng/L		105	55 - 130	4	30
Perfluoropentanoic acid	25.6	23.4		ng/L		91	72 - 139	2	30

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	118		29 - 189
M2-8:2 FTS	128		34 - 182
13C4 PFBA	126		41 - 132
13C5 PFPeA	125		33 - 155
13C8 PFOS	125		49 - 126
13C8 FOSA	87		10 - 143
13C3 PFHxS	130		32 - 145

# QC Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

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

**Lab Sample ID: MB 410-92215/1-A**  
**Matrix: Water**  
**Analysis Batch: 92656**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 92215**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Perfluorohexanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
NEtFOSAA	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
NMeFOSAA	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		02/08/21 19:59	02/10/21 06:28	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d5-NEtFOSAA	81		70 - 130	02/08/21 19:59	02/10/21 06:28	1
13C2 PFDA	88		70 - 130	02/08/21 19:59	02/10/21 06:28	1
13C2 PFHxA	87		70 - 130	02/08/21 19:59	02/10/21 06:28	1

**Lab Sample ID: LCS 410-92215/2-A**  
**Matrix: Water**  
**Analysis Batch: 92656**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 92215**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Perfluorohexanoic acid	20.5	22.0		ng/L		108	70 - 130
Perfluoroheptanoic acid	20.5	21.0		ng/L		102	70 - 130
Perfluorooctanoic acid	20.5	22.4		ng/L		109	70 - 130
Perfluorononanoic acid	20.5	20.9		ng/L		102	70 - 130
Perfluorodecanoic acid	20.5	21.4		ng/L		104	70 - 130
Perfluorotridecanoic acid	20.5	22.3		ng/L		109	70 - 130
Perfluorotetradecanoic acid	20.5	22.0		ng/L		107	70 - 130
Perfluorobutanesulfonic acid	18.1	18.4		ng/L		102	70 - 130
Perfluorohexanesulfonic acid	18.7	19.6		ng/L		105	70 - 130
Perfluorooctanesulfonic acid	19.0	20.1		ng/L		106	70 - 130
NEtFOSAA	20.5	22.4		ng/L		109	70 - 130
NMeFOSAA	20.5	23.1		ng/L		113	70 - 130
Perfluoroundecanoic acid	20.5	22.7		ng/L		111	70 - 130
Perfluorododecanoic acid	20.5	22.0		ng/L		108	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	90		70 - 130
13C2 PFDA	93		70 - 130
13C2 PFHxA	92		70 - 130

# QC Sample Results

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

Job ID: 410-28622-1  
SDG: HOO

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

**Lab Sample ID: LCSD 410-92215/3-A**  
**Matrix: Water**  
**Analysis Batch: 92656**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 92215**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Perfluorohexanoic acid	20.5	21.0		ng/L		103	70 - 130	5	30	
Perfluoroheptanoic acid	20.5	21.3		ng/L		104	70 - 130	1	30	
Perfluorooctanoic acid	20.5	21.4		ng/L		104	70 - 130	4	30	
Perfluorononanoic acid	20.5	21.6		ng/L		106	70 - 130	3	30	
Perfluorodecanoic acid	20.5	21.9		ng/L		107	70 - 130	2	30	
Perfluorotridecanoic acid	20.5	22.0		ng/L		107	70 - 130	1	30	
Perfluorotetradecanoic acid	20.5	23.5		ng/L		115	70 - 130	7	30	
Perfluorobutanesulfonic acid	18.1	18.0		ng/L		100	70 - 130	2	30	
Perfluorohexanesulfonic acid	18.7	18.1		ng/L		97	70 - 130	8	30	
Perfluorooctanesulfonic acid	19.0	20.0		ng/L		105	70 - 130	1	30	
NEtFOSAA	20.5	21.1		ng/L		103	70 - 130	6	30	
NMeFOSAA	20.5	20.8		ng/L		101	70 - 130	11	30	
Perfluoroundecanoic acid	20.5	21.9		ng/L		107	70 - 130	4	30	
Perfluorododecanoic acid	20.5	22.5		ng/L		110	70 - 130	2	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	84		70 - 130
13C2 PFDA	94		70 - 130
13C2 PFHxA	87		70 - 130

**Lab Sample ID: MB 410-94800/1-A**  
**Matrix: Water**  
**Analysis Batch: 95000**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 94800**

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Perfluorohexanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
NEtFOSAA	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
NMeFOSAA	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		02/16/21 17:26	02/17/21 14:55	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d5-NEtFOSAA	87		70 - 130	02/16/21 17:26	02/17/21 14:55	1
13C2 PFDA	90		70 - 130	02/16/21 17:26	02/17/21 14:55	1
13C2 PFHxA	101		70 - 130	02/16/21 17:26	02/17/21 14:55	1

# QC Sample Results

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

Job ID: 410-28622-1  
 SDG: HOO

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

**Lab Sample ID: LCS 410-94800/2-A**  
**Matrix: Water**  
**Analysis Batch: 95000**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 94800**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	20.5	23.1		ng/L		113	70 - 130
Perfluoroheptanoic acid	20.5	23.3		ng/L		114	70 - 130
Perfluorooctanoic acid	20.5	23.2		ng/L		113	70 - 130
Perfluorononanoic acid	20.5	22.6		ng/L		110	70 - 130
Perfluorodecanoic acid	20.5	20.4		ng/L		100	70 - 130
Perfluorotridecanoic acid	20.5	18.8		ng/L		92	70 - 130
Perfluorotetradecanoic acid	20.5	18.6		ng/L		91	70 - 130
Perfluorobutanesulfonic acid	18.1	20.4		ng/L		113	70 - 130
Perfluorohexanesulfonic acid	18.7	20.1		ng/L		108	70 - 130
Perfluorooctanesulfonic acid	19.0	20.6		ng/L		109	70 - 130
NEtFOSAA	20.5	20.9		ng/L		102	70 - 130
NMeFOSAA	20.5	21.3		ng/L		104	70 - 130
Perfluoroundecanoic acid	20.5	19.6		ng/L		96	70 - 130
Perfluorododecanoic acid	20.5	18.2		ng/L		89	70 - 130

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



# QC Association Summary

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

Job ID: 410-28622-1  
SDG: HOO

## LCMS

### Prep Batch: 91953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-1	GAC Influent	Total/NA	Water	537 (Mod)	
410-28622-2	GAC Midfluent	Total/NA	Water	537 (Mod)	
410-28622-3	GAC Effluent	Total/NA	Water	537 (Mod)	
410-28622-4	PV-1 25	Total/NA	Water	537 (Mod)	
MB 410-91953/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-91953/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-91953/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

### Prep Batch: 92210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-5	PV-1 50	Total/NA	Water	537 (Mod)	
410-28622-6	PV-1 75	Total/NA	Water	537 (Mod)	
MB 410-92210/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-92210/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-92210/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

### Prep Batch: 92215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-1	GAC Influent	Total/NA	Water	537 DW	
410-28622-1 - DL	GAC Influent	Total/NA	Water	537 DW	
410-28622-2	GAC Midfluent	Total/NA	Water	537 DW	
410-28622-3	GAC Effluent	Total/NA	Water	537 DW	
410-28622-4	PV-1 25	Total/NA	Water	537 DW	
410-28622-4 - DL	PV-1 25	Total/NA	Water	537 DW	
410-28622-5	PV-1 50	Total/NA	Water	537 DW	
410-28622-6	PV-1 75	Total/NA	Water	537 DW	
410-28622-8	FTB01-210204	Total/NA	Water	537 DW	
410-28622-9	LTB01-210204	Total/NA	Water	537 DW	
MB 410-92215/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-92215/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-92215/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

### Prep Batch: 92304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-7	PV-2 25	Total/NA	Water	537 (Mod)	
410-28622-8	FTB01-210204	Total/NA	Water	537 (Mod)	
410-28622-9	LTB01-210204	Total/NA	Water	537 (Mod)	
MB 410-92304/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-92304/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-92304/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

### Analysis Batch: 92385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-1	GAC Influent	Total/NA	Water	537 (Mod)	91953
410-28622-2	GAC Midfluent	Total/NA	Water	537 (Mod)	91953
410-28622-3	GAC Effluent	Total/NA	Water	537 (Mod)	91953
410-28622-4	PV-1 25	Total/NA	Water	537 (Mod)	91953
410-28622-5	PV-1 50	Total/NA	Water	537 (Mod)	92210
410-28622-6	PV-1 75	Total/NA	Water	537 (Mod)	92210
MB 410-91953/1-A	Method Blank	Total/NA	Water	537 (Mod)	91953
MB 410-92210/1-A	Method Blank	Total/NA	Water	537 (Mod)	92210

# QC Association Summary

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

Job ID: 410-28622-1  
SDG: HOO

## LCMS (Continued)

### Analysis Batch: 92385 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-91953/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	91953
LCS 410-92210/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	92210
LCSD 410-91953/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	91953
LCSD 410-92210/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	92210

### Analysis Batch: 92656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-1	GAC Influent	Total/NA	Water	537 DW	92215
410-28622-1 - DL	GAC Influent	Total/NA	Water	537 DW	92215
410-28622-2	GAC Midfluent	Total/NA	Water	537 DW	92215
410-28622-3	GAC Effluent	Total/NA	Water	537 DW	92215
410-28622-4	PV-1 25	Total/NA	Water	537 DW	92215
410-28622-6	PV-1 75	Total/NA	Water	537 DW	92215
410-28622-9	LTB01-210204	Total/NA	Water	537 DW	92215
MB 410-92215/1-A	Method Blank	Total/NA	Water	537 DW	92215
LCS 410-92215/2-A	Lab Control Sample	Total/NA	Water	537 DW	92215
LCSD 410-92215/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	92215

### Analysis Batch: 92855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-7	PV-2 25	Total/NA	Water	537 (Mod)	92304
410-28622-8	FTB01-210204	Total/NA	Water	537 (Mod)	92304
410-28622-9	LTB01-210204	Total/NA	Water	537 (Mod)	92304
MB 410-92304/1-A	Method Blank	Total/NA	Water	537 (Mod)	92304
LCS 410-92304/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	92304
LCSD 410-92304/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	92304

### Analysis Batch: 93098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-4 - DL	PV-1 25	Total/NA	Water	537 DW	92215
410-28622-5	PV-1 50	Total/NA	Water	537 DW	92215

### Analysis Batch: 93829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-8	FTB01-210204	Total/NA	Water	537 DW	92215

### Prep Batch: 94800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-7	PV-2 25	Total/NA	Water	537 DW	
MB 410-94800/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-94800/2-A	Lab Control Sample	Total/NA	Water	537 DW	

### Analysis Batch: 95000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28622-7	PV-2 25	Total/NA	Water	537 DW	94800
MB 410-94800/1-A	Method Blank	Total/NA	Water	537 DW	94800
LCS 410-94800/2-A	Lab Control Sample	Total/NA	Water	537 DW	94800

# Lab Chronicle

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: GAC Influent**  
**Date Collected: 02/04/21 09:25**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-1**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			91953	02/08/21 08:31	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	92385	02/10/21 00:33	OLN7	ELLE
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	92656	02/10/21 07:37	VK3G	ELLE
Total/NA	Prep	537 DW	DL		92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW	DL	10	92656	02/10/21 10:17	VK3G	ELLE

**Client Sample ID: GAC Midfluent**  
**Date Collected: 02/04/21 09:30**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-2**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			91953	02/08/21 08:31	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	92385	02/10/21 00:44	OLN7	ELLE
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	92656	02/10/21 07:48	VK3G	ELLE

**Client Sample ID: GAC Effluent**  
**Date Collected: 02/04/21 09:35**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-3**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			91953	02/08/21 08:31	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	92385	02/10/21 00:54	OLN7	ELLE
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	92656	02/10/21 08:00	VK3G	ELLE

**Client Sample ID: PV-1 25**  
**Date Collected: 02/04/21 09:38**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-4**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			91953	02/08/21 08:31	K9VR	ELLE
Total/NA	Analysis	537 (Mod)		1	92385	02/10/21 01:05	OLN7	ELLE
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	92656	02/10/21 08:11	VK3G	ELLE
Total/NA	Prep	537 DW	DL		92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW	DL	10	93098	02/11/21 06:22	Y6ZN	ELLE

**Client Sample ID: PV-1 50**  
**Date Collected: 02/04/21 09:42**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-5**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			92210	02/08/21 19:34	QLP7	ELLE
Total/NA	Analysis	537 (Mod)		1	92385	02/09/21 19:17	OLN7	ELLE

# Lab Chronicle

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

Job ID: 410-28622-1  
SDG: HOO

**Client Sample ID: PV-1 50**  
**Date Collected: 02/04/21 09:42**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-5**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	93098	02/11/21 06:33	Y6ZN	ELLE

**Client Sample ID: PV-1 75**  
**Date Collected: 02/04/21 09:45**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-6**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			92210	02/08/21 19:34	QLP7	ELLE
Total/NA	Analysis	537 (Mod)		1	92385	02/09/21 19:27	OLN7	ELLE
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	92656	02/10/21 08:34	VK3G	ELLE

**Client Sample ID: PV-2 25**  
**Date Collected: 02/04/21 09:50**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-7**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			92304	02/09/21 07:47	X4HV	ELLE
Total/NA	Analysis	537 (Mod)		1	92855	02/10/21 14:46	UUV6	ELLE
Total/NA	Prep	537 DW			94800	02/16/21 17:26	QLP7	ELLE
Total/NA	Analysis	537 DW		1	95000	02/17/21 15:29	VK3G	ELLE

**Client Sample ID: FTB01-210204**  
**Date Collected: 02/04/21 09:55**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-8**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			92304	02/09/21 07:47	X4HV	ELLE
Total/NA	Analysis	537 (Mod)		1	92855	02/10/21 15:07	UUV6	ELLE
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	93829	02/12/21 20:04	DCS9	ELLE

**Client Sample ID: LTB01-210204**  
**Date Collected: 02/04/21 00:00**  
**Date Received: 02/05/21 10:41**

**Lab Sample ID: 410-28622-9**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			92304	02/09/21 07:47	X4HV	ELLE
Total/NA	Analysis	537 (Mod)		1	92855	02/10/21 15:18	UUV6	ELLE
Total/NA	Prep	537 DW			92215	02/08/21 19:59	QLP7	ELLE
Total/NA	Analysis	537 DW		1	92656	02/10/21 09:20	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: 410-28622-1  
 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	04-01-21

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	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: 410-28622-1  
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: 410-28622-1  
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-28622-1	GAC Influent	Water	02/04/21 09:25	02/05/21 10:41	
410-28622-2	GAC Midfluent	Water	02/04/21 09:30	02/05/21 10:41	
410-28622-3	GAC Effluent	Water	02/04/21 09:35	02/05/21 10:41	
410-28622-4	PV-1 25	Water	02/04/21 09:38	02/05/21 10:41	
410-28622-5	PV-1 50	Water	02/04/21 09:42	02/05/21 10:41	
410-28622-6	PV-1 75	Water	02/04/21 09:45	02/05/21 10:41	
410-28622-7	PV-2 25	Water	02/04/21 09:50	02/05/21 10:41	
410-28622-8	FTB01-210204	Water	02/04/21 09:55	02/05/21 10:41	
410-28622-9	LTB01-210204	Water	02/04/21 00:00	02/05/21 10:41	





# Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-28622-1

SDG Number: HOO

**Login Number: 28622**

**List Source: Eurofins Lancaster Laboratories Env**

**List Number: 1**

**Creator: Rivera, Tatiana**

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 ( $\leq 6^{\circ}\text{C}$ , 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	
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	