

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Jonathan Dippert  
CT Male Associates DPC  
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Latham, New York 12110

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**JOB DESCRIPTION**

Hoosick Falls WTP

**JOB NUMBER**

410-182557-1

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



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Authorized for release by  
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## Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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*Kelly J. Gallagher*

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# Definitions/Glossary

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

Job ID: 410-182557-1

## Qualifiers

### LCMS

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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: Hoosick Falls WTP

Job ID: 410-182557-1

**Job ID: 410-182557-1**

**Eurofins Lancaster Laboratories Environment**

## Job Narrative 410-182557-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be 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.

### Receipt

The samples were received on 8/2/2024 9:45 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 0.3°C.

### PFAS

Method 537.1\_DW: The following sample was found to contain residual chlorine: GAC INFLUENT (410-182557-1).

Method PFC\_IDA: The recovery for labeled isotope: M2-6:2 FTS and M2-8:2 FTS is outside the QC acceptance limits in the closing continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following samples: GAC INFLUENT (410-182557-1), GAC EFFLUENT (410-182557-3), PV-1\_25 (410-182557-4), PV-1\_50 (410-182557-5), PV-1\_75 (410-182557-6), SG1-FTB01-240801 (410-182557-7) and SG1-LTB01-240801 (410-182557-8), the data is reported.

Method PFC\_IDA: The recovery for labeled isotope: M2-8:2 FTS is outside the QC acceptance limits in the opening continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following samples: GAC INFLUENT (410-182557-1), GAC MIDFLUENT (410-182557-2), GAC EFFLUENT (410-182557-3), PV-1\_25 (410-182557-4), PV-1\_50 (410-182557-5), PV-1\_75 (410-182557-6), SG1-FTB01-240801 (410-182557-7) and SG1-LTB01-240801 (410-182557-8), 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: 410-182557-1

## Client Sample ID: GAC INFLUENT

Lab Sample ID: 410-182557-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	3.7		1.8	ng/L	1		537 (Mod)	Total/NA
Perfluorooctanesulfonamide	1.8		1.8	ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	2.9		1.8	ng/L	1		537 (Mod)	Total/NA
Perfluoroheptanoic acid	10	cn	1.8	ng/L	1		EPA 537.1	Total/NA
Perfluorohexanoic acid	9.2	cn	1.8	ng/L	1		EPA 537.1	Total/NA
Perfluorooctanesulfonic acid	3.5	cn	1.8	ng/L	1		EPA 537.1	Total/NA
Perfluorooctanoic acid - DL	430	cn	18	ng/L	10		EPA 537.1	Total/NA

## Client Sample ID: GAC MIDFLUENT

Lab Sample ID: 410-182557-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	6.1		1.7	ng/L	1		537 (Mod)	Total/NA

## Client Sample ID: GAC EFFLUENT

Lab Sample ID: 410-182557-3

No Detections.

## Client Sample ID: PV-1\_25

Lab Sample ID: 410-182557-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.8		1.7	ng/L	1		537 (Mod)	Total/NA

## Client Sample ID: PV-1\_50

Lab Sample ID: 410-182557-5

No Detections.

## Client Sample ID: PV-1\_75

Lab Sample ID: 410-182557-6

No Detections.

## Client Sample ID: SG1-FTB01-240801

Lab Sample ID: 410-182557-7

No Detections.

## Client Sample ID: SG1-LTB01-240801

Lab Sample ID: 410-182557-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: GAC INFLUENT**

**Lab Sample ID: 410-182557-1**

Date Collected: 08/01/24 09:35

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.8	U	1.8	ng/L		08/07/24 07:11	08/10/24 09:16	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8	ng/L		08/07/24 07:11	08/10/24 09:16	1
<b>Perfluorobutanoic acid</b>	<b>3.7</b>		1.8	ng/L		08/07/24 07:11	08/10/24 09:16	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		08/07/24 07:11	08/10/24 09:16	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		08/07/24 07:11	08/10/24 09:16	1
<b>Perfluorooctanesulfonamide</b>	<b>1.8</b>		1.8	ng/L		08/07/24 07:11	08/10/24 09:16	1
<b>Perfluoropentanoic acid</b>	<b>2.9</b>		1.8	ng/L		08/07/24 07:11	08/10/24 09:16	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	115	cn	40 - 200			08/07/24 07:11	08/10/24 09:16	1
M2-8:2 FTS	132	cn	37 - 200			08/07/24 07:11	08/10/24 09:16	1
13C4 PFBA	81		22 - 174			08/07/24 07:11	08/10/24 09:16	1
13C5 PFPeA	81		33 - 196			08/07/24 07:11	08/10/24 09:16	1
13C8 PFOS	84		59 - 155			08/07/24 07:11	08/10/24 09:16	1
13C8 FOSA	77		10 - 155			08/07/24 07:11	08/10/24 09:16	1
13C3 PFHxS	88		48 - 169			08/07/24 07:11	08/10/24 09:16	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
NMeFOSAA	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluorobutanesulfonic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluorodecanoic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluorododecanoic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
<b>Perfluoroheptanoic acid</b>	<b>10</b>	<b>cn</b>	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluorohexanesulfonic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
<b>Perfluorohexanoic acid</b>	<b>9.2</b>	<b>cn</b>	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluorononanoic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
<b>Perfluorooctanesulfonic acid</b>	<b>3.5</b>	<b>cn</b>	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluorotetradecanoic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluorotridecanoic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Perfluoroundecanoic acid	1.8	U cn	1.8	ng/L		08/06/24 08:28	08/11/24 07:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFDA	104	cn	70 - 130			08/06/24 08:28	08/11/24 07:22	1
13C2 PFHxA	95	cn	70 - 130			08/06/24 08:28	08/11/24 07:22	1
d5-NEtFOSAA	91	cn	70 - 130			08/06/24 08:28	08/11/24 07:22	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018 - DL**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Perfluorooctanoic acid</b>	<b>430</b>	<b>cn</b>	18	ng/L		08/06/24 08:28	08/13/24 20:13	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFDA	116	cn	70 - 130			08/06/24 08:28	08/13/24 20:13	10
13C2 PFHxA	102	cn	70 - 130			08/06/24 08:28	08/13/24 20:13	10
d5-NEtFOSAA	109	cn	70 - 130			08/06/24 08:28	08/13/24 20:13	10



# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: GAC MIDFLUENT**

**Lab Sample ID: 410-182557-2**

Date Collected: 08/01/24 09:43

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/13/24 00:39	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/13/24 00:39	1
<b>Perfluorobutanoic acid</b>	<b>6.1</b>		1.7	ng/L		08/07/24 07:11	08/13/24 00:39	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/13/24 00:39	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/13/24 00:39	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/07/24 07:11	08/13/24 00:39	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/13/24 00:39	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	80		40 - 200	08/07/24 07:11	08/13/24 00:39	1
M2-8:2 FTS	81	cn	37 - 200	08/07/24 07:11	08/13/24 00:39	1
13C4 PFBA	71		22 - 174	08/07/24 07:11	08/13/24 00:39	1
13C5 PFPeA	69		33 - 196	08/07/24 07:11	08/13/24 00:39	1
13C8 PFOS	75		59 - 155	08/07/24 07:11	08/13/24 00:39	1
13C8 FOSA	63		10 - 155	08/07/24 07:11	08/13/24 00:39	1
13C3 PFHxS	75		48 - 169	08/07/24 07:11	08/13/24 00:39	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
NMeFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorohexanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	94		70 - 130	08/06/24 08:28	08/11/24 07:34	1
13C2 PFHxA	89		70 - 130	08/06/24 08:28	08/11/24 07:34	1
d5-NEtFOSAA	75		70 - 130	08/06/24 08:28	08/11/24 07:34	1

# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: GAC EFFLUENT**

**Lab Sample ID: 410-182557-3**

Date Collected: 08/01/24 09:45

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 09:45	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 09:45	1
Perfluorobutanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 09:45	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 09:45	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 09:45	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 09:45	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 09:45	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	116	cn	40 - 200	08/07/24 07:11	08/10/24 09:45	1
M2-8:2 FTS	128	cn	37 - 200	08/07/24 07:11	08/10/24 09:45	1
13C4 PFBA	81		22 - 174	08/07/24 07:11	08/10/24 09:45	1
13C5 PFPeA	79		33 - 196	08/07/24 07:11	08/10/24 09:45	1
13C8 PFOS	85		59 - 155	08/07/24 07:11	08/10/24 09:45	1
13C8 FOSA	78		10 - 155	08/07/24 07:11	08/10/24 09:45	1
13C3 PFHxS	85		48 - 169	08/07/24 07:11	08/10/24 09:45	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
NMeFOSAA	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorohexanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		08/06/24 08:28	08/11/24 07:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	95		70 - 130	08/06/24 08:28	08/11/24 07:45	1
13C2 PFHxA	91		70 - 130	08/06/24 08:28	08/11/24 07:45	1
d5-NEtFOSAA	82		70 - 130	08/06/24 08:28	08/11/24 07:45	1

# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: PV-1\_25**

**Lab Sample ID: 410-182557-4**

Date Collected: 08/01/24 09:50

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:00	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:00	1
<b>Perfluorobutanoic acid</b>	<b>4.8</b>		1.7	ng/L		08/07/24 07:11	08/10/24 10:00	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:00	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:00	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:00	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:00	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	115	cn	40 - 200	08/07/24 07:11	08/10/24 10:00	1
M2-8:2 FTS	121	cn	37 - 200	08/07/24 07:11	08/10/24 10:00	1
13C4 PFBA	79		22 - 174	08/07/24 07:11	08/10/24 10:00	1
13C5 PFPeA	80		33 - 196	08/07/24 07:11	08/10/24 10:00	1
13C8 PFOS	85		59 - 155	08/07/24 07:11	08/10/24 10:00	1
13C8 FOSA	78		10 - 155	08/07/24 07:11	08/10/24 10:00	1
13C3 PFHxS	83		48 - 169	08/07/24 07:11	08/10/24 10:00	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
NMeFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorohexanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 07:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	100		70 - 130	08/06/24 08:28	08/11/24 07:57	1
13C2 PFHxA	92		70 - 130	08/06/24 08:28	08/11/24 07:57	1
d5-NEtFOSAA	84		70 - 130	08/06/24 08:28	08/11/24 07:57	1

# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: PV-1\_50**

**Lab Sample ID: 410-182557-5**

Date Collected: 08/01/24 09:53

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:14	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:14	1
Perfluorobutanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:14	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:14	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:14	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:14	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:14	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	129	cn	40 - 200	08/07/24 07:11	08/10/24 10:14	1
M2-8:2 FTS	149	cn	37 - 200	08/07/24 07:11	08/10/24 10:14	1
13C4 PFBA	82		22 - 174	08/07/24 07:11	08/10/24 10:14	1
13C5 PFPeA	87		33 - 196	08/07/24 07:11	08/10/24 10:14	1
13C8 PFOS	95		59 - 155	08/07/24 07:11	08/10/24 10:14	1
13C8 FOSA	87		10 - 155	08/07/24 07:11	08/10/24 10:14	1
13C3 PFHxS	89		48 - 169	08/07/24 07:11	08/10/24 10:14	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
NMeFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorohexanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	99		70 - 130	08/06/24 08:28	08/11/24 08:09	1
13C2 PFHxA	90		70 - 130	08/06/24 08:28	08/11/24 08:09	1
d5-NEtFOSAA	88		70 - 130	08/06/24 08:28	08/11/24 08:09	1

# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: PV-1\_75**

**Lab Sample ID: 410-182557-6**

Date Collected: 08/01/24 09:55

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:29	1
8:2 Fluorotelomer sulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:29	1
Perfluorobutanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:29	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:29	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:29	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:29	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		08/07/24 07:11	08/10/24 10:29	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	123	cn	40 - 200	08/07/24 07:11	08/10/24 10:29	1
M2-8:2 FTS	144	cn	37 - 200	08/07/24 07:11	08/10/24 10:29	1
13C4 PFBA	80		22 - 174	08/07/24 07:11	08/10/24 10:29	1
13C5 PFPeA	86		33 - 196	08/07/24 07:11	08/10/24 10:29	1
13C8 PFOS	89		59 - 155	08/07/24 07:11	08/10/24 10:29	1
13C8 FOSA	89		10 - 155	08/07/24 07:11	08/10/24 10:29	1
13C3 PFHxS	89		48 - 169	08/07/24 07:11	08/10/24 10:29	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
NMeFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorohexanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	93		70 - 130	08/06/24 08:28	08/11/24 08:20	1
13C2 PFHxA	90		70 - 130	08/06/24 08:28	08/11/24 08:20	1
d5-NEtFOSAA	83		70 - 130	08/06/24 08:28	08/11/24 08:20	1

# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: SG1-FTB01-240801**

**Lab Sample ID: 410-182557-7**

Date Collected: 08/01/24 10:00

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:43	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:43	1
Perfluorobutanoic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:43	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:43	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:43	1
Perfluorooctanesulfonamide	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:43	1
Perfluoropentanoic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:43	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	165	cn	40 - 200	08/07/24 07:11	08/10/24 10:43	1
M2-8:2 FTS	166	cn	37 - 200	08/07/24 07:11	08/10/24 10:43	1
13C4 PFBA	89		22 - 174	08/07/24 07:11	08/10/24 10:43	1
13C5 PFPeA	104		33 - 196	08/07/24 07:11	08/10/24 10:43	1
13C8 PFOS	111		59 - 155	08/07/24 07:11	08/10/24 10:43	1
13C8 FOSA	105		10 - 155	08/07/24 07:11	08/10/24 10:43	1
13C3 PFHxS	108		48 - 169	08/07/24 07:11	08/10/24 10:43	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
NMeFOSAA	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorohexanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorotetradecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		08/06/24 08:28	08/11/24 08:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	94		70 - 130	08/06/24 08:28	08/11/24 08:43	1
13C2 PFHxA	98		70 - 130	08/06/24 08:28	08/11/24 08:43	1
d5-NEtFOSAA	83		70 - 130	08/06/24 08:28	08/11/24 08:43	1

# Client Sample Results

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

Job ID: 410-182557-1

**Client Sample ID: SG1-LTB01-240801**

**Lab Sample ID: 410-182557-8**

Date Collected: 08/01/24 00:00

Matrix: Water

Date Received: 08/02/24 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:58	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:58	1
Perfluorobutanoic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:58	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:58	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:58	1
Perfluorooctanesulfonamide	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:58	1
Perfluoropentanoic acid	1.9	U	1.9	ng/L		08/07/24 07:11	08/10/24 10:58	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	150	cn	40 - 200	08/07/24 07:11	08/10/24 10:58	1
M2-8:2 FTS	159	cn	37 - 200	08/07/24 07:11	08/10/24 10:58	1
13C4 PFBA	99		22 - 174	08/07/24 07:11	08/10/24 10:58	1
13C5 PFPeA	103		33 - 196	08/07/24 07:11	08/10/24 10:58	1
13C8 PFOS	105		59 - 155	08/07/24 07:11	08/10/24 10:58	1
13C8 FOSA	97		10 - 155	08/07/24 07:11	08/10/24 10:58	1
13C3 PFHxS	99		48 - 169	08/07/24 07:11	08/10/24 10:58	1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
NMeFOSAA	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorobutanesulfonic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorodecanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorododecanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluoroheptanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorohexanesulfonic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorohexanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorononanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorooctanesulfonic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorooctanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorotetradecanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluorotridecanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1
Perfluoroundecanoic acid	1.9	U	1.9	ng/L		08/06/24 08:28	08/11/24 08:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	102		70 - 130	08/06/24 08:28	08/11/24 08:55	1
13C2 PFHxA	96		70 - 130	08/06/24 08:28	08/11/24 08:55	1
d5-NEtFOSAA	85		70 - 130	08/06/24 08:28	08/11/24 08:55	1

# Surrogate Summary

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

Job ID: 410-182557-1

**Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018**

**Matrix: Water**

**Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		PFDA (70-130)	PFHxA (70-130)	d5NEFOS (70-130)
410-182557-1	GAC INFLUENT	104 cn	95 cn	91 cn
410-182557-1 - DL	GAC INFLUENT	116 cn	102 cn	109 cn
410-182557-2	GAC MIDFLUENT	94	89	75
410-182557-3	GAC EFFLUENT	95	91	82
410-182557-4	PV-1_25	100	92	84
410-182557-5	PV-1_50	99	90	88
410-182557-6	PV-1_75	93	90	83
410-182557-7	SG1-FTB01-240801	94	98	83
410-182557-8	SG1-LTB01-240801	102	96	85
LCS 410-536835/2-A	Lab Control Sample	113	103	91
LCSD 410-536835/3-A	Lab Control Sample Dup	95	91	93
MB 410-536835/1-A	Method Blank	112	100	106

**Surrogate Legend**

PFDA = 13C2 PFDA

PFHxA = 13C2 PFHxA

d5NEFOS = d5-NEtFOSAA





# Isotope Dilution Summary

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

Job ID: 410-182557-1

**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 (40-200)	M282FTS (37-200)	PFBA (22-174)	PFPeA (33-196)	C8PFOS (59-155)	PFOSA (10-155)	C3PFHS (48-169)
410-182557-1	GAC INFLUENT	115 cn	132 cn	81	81	84	77	88
410-182557-2	GAC MIDFLUENT	80	81 cn	71	69	75	63	75
410-182557-3	GAC EFFLUENT	116 cn	128 cn	81	79	85	78	85
410-182557-4	PV-1_25	115 cn	121 cn	79	80	85	78	83
410-182557-5	PV-1_50	129 cn	149 cn	82	87	95	87	89
410-182557-6	PV-1_75	123 cn	144 cn	80	86	89	89	89
410-182557-7	SG1-FTB01-240801	165 cn	166 cn	89	104	111	105	108
410-182557-8	SG1-LTB01-240801	150 cn	159 cn	99	103	105	97	99
LCS 410-537253/2-A	Lab Control Sample	109	136	81	79	85	81	77
LCSD 410-537253/3-A	Lab Control Sample Dup	127	139	77	88	88	85	87
MB 410-537253/1-A	Method Blank	118	129	77	80	86	86	84

**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: 410-182557-1

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

**Lab Sample ID: MB 410-537253/1-A**  
**Matrix: Water**  
**Analysis Batch: 538505**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 537253**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
6:2 Fluorotelomer sulfonic acid	2.0	U	2.0	ng/L		08/07/24 07:11	08/10/24 05:37	1
8:2 Fluorotelomer sulfonic acid	2.0	U	2.0	ng/L		08/07/24 07:11	08/10/24 05:37	1
Perfluorobutanoic acid	2.0	U	2.0	ng/L		08/07/24 07:11	08/10/24 05:37	1
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		08/07/24 07:11	08/10/24 05:37	1
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		08/07/24 07:11	08/10/24 05:37	1
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		08/07/24 07:11	08/10/24 05:37	1
Perfluoropentanoic acid	2.0	U	2.0	ng/L		08/07/24 07:11	08/10/24 05:37	1

  

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
M2-6:2 FTS	118		40 - 200	08/07/24 07:11	08/10/24 05:37	1
M2-8:2 FTS	129		37 - 200	08/07/24 07:11	08/10/24 05:37	1
13C4 PFBA	77		22 - 174	08/07/24 07:11	08/10/24 05:37	1
13C5 PFPeA	80		33 - 196	08/07/24 07:11	08/10/24 05:37	1
13C8 PFOS	86		59 - 155	08/07/24 07:11	08/10/24 05:37	1
13C8 FOSA	86		10 - 155	08/07/24 07:11	08/10/24 05:37	1
13C3 PFHxS	84		48 - 169	08/07/24 07:11	08/10/24 05:37	1

**Lab Sample ID: LCS 410-537253/2-A**  
**Matrix: Water**  
**Analysis Batch: 538505**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 537253**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
8:2 Fluorotelomer sulfonic acid	24.5	21.6		ng/L		88	55 - 134
Perfluorobutanoic acid	25.6	24.6		ng/L		96	58 - 130
Perfluorodecanesulfonic acid	24.7	20.5		ng/L		83	55 - 130
Perfluoroheptanesulfonic acid	24.4	25.0		ng/L		103	59 - 130
Perfluorooctanesulfonamide	25.6	23.7		ng/L		93	67 - 132
Perfluoropentanoic acid	25.6	25.4		ng/L		99	60 - 130

  

Isotope Dilution	LCS	LCS	Limits
	%Recovery	Qualifier	
M2-6:2 FTS	109		40 - 200
M2-8:2 FTS	136		37 - 200
13C4 PFBA	81		22 - 174
13C5 PFPeA	79		33 - 196
13C8 PFOS	85		59 - 155
13C8 FOSA	81		10 - 155
13C3 PFHxS	77		48 - 169

**Lab Sample ID: LCSD 410-537253/3-A**  
**Matrix: Water**  
**Analysis Batch: 538505**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 537253**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
6:2 Fluorotelomer sulfonic acid	24.3	22.6		ng/L		93	61 - 132	7	30
8:2 Fluorotelomer sulfonic acid	24.5	23.1		ng/L		94	55 - 134	7	30
Perfluorobutanoic acid	25.6	23.2		ng/L		91	58 - 130	6	30
Perfluorodecanesulfonic acid	24.7	19.9		ng/L		81	55 - 130	3	30
Perfluoroheptanesulfonic acid	24.4	23.1		ng/L		95	59 - 130	8	30

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# QC Sample Results

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

Job ID: 410-182557-1

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

**Lab Sample ID:** LCSD 410-537253/3-A  
**Matrix:** Water  
**Analysis Batch:** 538505

**Client Sample ID:** Lab Control Sample Dup  
**Prep Type:** Total/NA  
**Prep Batch:** 537253

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide	25.6	24.0		ng/L		94	67 - 132	1	30
Perfluoropentanoic acid	25.6	22.5		ng/L		88	60 - 130	12	30

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	127		40 - 200
M2-8:2 FTS	139		37 - 200
13C4 PFBA	77		22 - 174
13C5 PFPeA	88		33 - 196
13C8 PFOS	88		59 - 155
13C8 FOSA	85		10 - 155
13C3 PFHxS	87		48 - 169

## Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018

**Lab Sample ID:** MB 410-536835/1-A  
**Matrix:** Water  
**Analysis Batch:** 538843

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA  
**Prep Batch:** 536835

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
NMeFOSAA	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorohexanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		08/06/24 08:28	08/11/24 05:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	112		70 - 130	08/06/24 08:28	08/11/24 05:38	1
13C2 PFHxA	100		70 - 130	08/06/24 08:28	08/11/24 05:38	1
d5-NEtFOSAA	106		70 - 130	08/06/24 08:28	08/11/24 05:38	1

**Lab Sample ID:** LCS 410-536835/2-A  
**Matrix:** Water  
**Analysis Batch:** 538843

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA  
**Prep Batch:** 536835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
NEtFOSAA	20.5	20.4		ng/L		100	70 - 130
NMeFOSAA	20.5	21.9		ng/L		107	70 - 130
Perfluorobutanesulfonic acid	18.1	18.0		ng/L		99	70 - 130
Perfluorodecanoic acid	20.5	24.1		ng/L		118	70 - 130
Perfluorododecanoic acid	20.5	22.2		ng/L		108	70 - 130

# QC Sample Results

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

Job ID: 410-182557-1

## Method: EPA 537.1 - EPA 537.1, Ver 1.0 Nov 2018 (Continued)

**Lab Sample ID: LCS 410-536835/2-A**

**Matrix: Water**

**Analysis Batch: 538843**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 536835**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				
Perfluoroheptanoic acid	20.5	22.7		ng/L		111	70 - 130
Perfluorohexanesulfonic acid	18.7	19.9		ng/L		106	70 - 130
Perfluorohexanoic acid	20.5	22.1		ng/L		108	70 - 130
Perfluorononanoic acid	20.5	23.8		ng/L		116	70 - 130
Perfluorooctanesulfonic acid	19.0	20.2		ng/L		106	70 - 130
Perfluorooctanoic acid	20.5	23.1		ng/L		113	70 - 130
Perfluorotetradecanoic acid	20.5	20.7		ng/L		101	70 - 130
Perfluorotridecanoic acid	20.5	21.1		ng/L		103	70 - 130
Perfluoroundecanoic acid	20.5	22.8		ng/L		111	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
13C2 PFDA	113		70 - 130
13C2 PFHxA	103		70 - 130
d5-NEtFOSAA	91		70 - 130

**Lab Sample ID: LCSD 410-536835/3-A**

**Matrix: Water**

**Analysis Batch: 538843**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 536835**

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
	Added	Result	Qualifier						
NEtFOSAA	20.5	20.9		ng/L		102	70 - 130	2	30
NMeFOSAA	20.5	21.2		ng/L		104	70 - 130	3	30
Perfluorobutanesulfonic acid	18.1	16.6		ng/L		92	70 - 130	8	30
Perfluorodecanoic acid	20.5	21.5		ng/L		105	70 - 130	12	30
Perfluorododecanoic acid	20.5	22.9		ng/L		112	70 - 130	3	30
Perfluoroheptanoic acid	20.5	21.6		ng/L		106	70 - 130	5	30
Perfluorohexanesulfonic acid	18.7	19.1		ng/L		102	70 - 130	4	30
Perfluorohexanoic acid	20.5	21.7		ng/L		106	70 - 130	2	30
Perfluorononanoic acid	20.5	23.5		ng/L		115	70 - 130	1	30
Perfluorooctanesulfonic acid	19.0	19.2		ng/L		101	70 - 130	5	30
Perfluorooctanoic acid	20.5	23.0		ng/L		112	70 - 130	0	30
Perfluorotetradecanoic acid	20.5	20.3		ng/L		99	70 - 130	2	30
Perfluorotridecanoic acid	20.5	21.6		ng/L		106	70 - 130	2	30
Perfluoroundecanoic acid	20.5	22.9		ng/L		112	70 - 130	0	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
13C2 PFDA	95		70 - 130
13C2 PFHxA	91		70 - 130
d5-NEtFOSAA	93		70 - 130

# QC Association Summary

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

Job ID: 410-182557-1

## LCMS

### Prep Batch: 536835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-182557-1	GAC INFLUENT	Total/NA	Water	537.1 DW Prep	
410-182557-1 - DL	GAC INFLUENT	Total/NA	Water	537.1 DW Prep	
410-182557-2	GAC MIDFLUENT	Total/NA	Water	537.1 DW Prep	
410-182557-3	GAC EFFLUENT	Total/NA	Water	537.1 DW Prep	
410-182557-4	PV-1_25	Total/NA	Water	537.1 DW Prep	
410-182557-5	PV-1_50	Total/NA	Water	537.1 DW Prep	
410-182557-6	PV-1_75	Total/NA	Water	537.1 DW Prep	
410-182557-7	SG1-FTB01-240801	Total/NA	Water	537.1 DW Prep	
410-182557-8	SG1-LTB01-240801	Total/NA	Water	537.1 DW Prep	
MB 410-536835/1-A	Method Blank	Total/NA	Water	537.1 DW Prep	
LCS 410-536835/2-A	Lab Control Sample	Total/NA	Water	537.1 DW Prep	
LCSD 410-536835/3-A	Lab Control Sample Dup	Total/NA	Water	537.1 DW Prep	

### Prep Batch: 537253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-182557-1	GAC INFLUENT	Total/NA	Water	SPE	
410-182557-2	GAC MIDFLUENT	Total/NA	Water	SPE	
410-182557-3	GAC EFFLUENT	Total/NA	Water	SPE	
410-182557-4	PV-1_25	Total/NA	Water	SPE	
410-182557-5	PV-1_50	Total/NA	Water	SPE	
410-182557-6	PV-1_75	Total/NA	Water	SPE	
410-182557-7	SG1-FTB01-240801	Total/NA	Water	SPE	
410-182557-8	SG1-LTB01-240801	Total/NA	Water	SPE	
MB 410-537253/1-A	Method Blank	Total/NA	Water	SPE	
LCS 410-537253/2-A	Lab Control Sample	Total/NA	Water	SPE	
LCSD 410-537253/3-A	Lab Control Sample Dup	Total/NA	Water	SPE	

### Analysis Batch: 538505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-182557-1	GAC INFLUENT	Total/NA	Water	537 (Mod)	537253
410-182557-3	GAC EFFLUENT	Total/NA	Water	537 (Mod)	537253
410-182557-4	PV-1_25	Total/NA	Water	537 (Mod)	537253
410-182557-5	PV-1_50	Total/NA	Water	537 (Mod)	537253
410-182557-6	PV-1_75	Total/NA	Water	537 (Mod)	537253
410-182557-7	SG1-FTB01-240801	Total/NA	Water	537 (Mod)	537253
410-182557-8	SG1-LTB01-240801	Total/NA	Water	537 (Mod)	537253
MB 410-537253/1-A	Method Blank	Total/NA	Water	537 (Mod)	537253
LCS 410-537253/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	537253
LCSD 410-537253/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	537253

### Analysis Batch: 538843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-182557-1	GAC INFLUENT	Total/NA	Water	EPA 537.1	536835
410-182557-2	GAC MIDFLUENT	Total/NA	Water	EPA 537.1	536835
410-182557-3	GAC EFFLUENT	Total/NA	Water	EPA 537.1	536835
410-182557-4	PV-1_25	Total/NA	Water	EPA 537.1	536835
410-182557-5	PV-1_50	Total/NA	Water	EPA 537.1	536835
410-182557-6	PV-1_75	Total/NA	Water	EPA 537.1	536835
410-182557-7	SG1-FTB01-240801	Total/NA	Water	EPA 537.1	536835
410-182557-8	SG1-LTB01-240801	Total/NA	Water	EPA 537.1	536835
MB 410-536835/1-A	Method Blank	Total/NA	Water	EPA 537.1	536835

# QC Association Summary

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

Job ID: 410-182557-1

## LCMS (Continued)

### Analysis Batch: 538843 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-536835/2-A	Lab Control Sample	Total/NA	Water	EPA 537.1	536835
LCSD 410-536835/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 537.1	536835

### Analysis Batch: 539320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-182557-2	GAC MIDFLUENT	Total/NA	Water	537 (Mod)	537253

### Analysis Batch: 539666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-182557-1 - DL	GAC INFLUENT	Total/NA	Water	EPA 537.1	536835



# Lab Chronicle

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

Job ID: 410-182557-1

## Client Sample ID: GAC INFLUENT

Lab Sample ID: 410-182557-1

Date Collected: 08/01/24 09:35

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	538505	R7RE	ELLE	08/10/24 09:16
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 07:22
Total/NA	Prep	537.1 DW Prep	DL		536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1	DL	10	539666	QD9Y	ELLE	08/13/24 20:13

## Client Sample ID: GAC MIDFLUENT

Lab Sample ID: 410-182557-2

Date Collected: 08/01/24 09:43

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	539320	DQV6	ELLE	08/13/24 00:39
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 07:34

## Client Sample ID: GAC EFFLUENT

Lab Sample ID: 410-182557-3

Date Collected: 08/01/24 09:45

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	538505	R7RE	ELLE	08/10/24 09:45
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 07:45

## Client Sample ID: PV-1\_25

Lab Sample ID: 410-182557-4

Date Collected: 08/01/24 09:50

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	538505	R7RE	ELLE	08/10/24 10:00
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 07:57

## Client Sample ID: PV-1\_50

Lab Sample ID: 410-182557-5

Date Collected: 08/01/24 09:53

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	538505	R7RE	ELLE	08/10/24 10:14
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 08:09

# Lab Chronicle

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

Job ID: 410-182557-1

**Client Sample ID: PV-1\_75**

**Lab Sample ID: 410-182557-6**

Date Collected: 08/01/24 09:55

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	538505	R7RE	ELLE	08/10/24 10:29
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 08:20

**Client Sample ID: SG1-FTB01-240801**

**Lab Sample ID: 410-182557-7**

Date Collected: 08/01/24 10:00

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	538505	R7RE	ELLE	08/10/24 10:43
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 08:43

**Client Sample ID: SG1-LTB01-240801**

**Lab Sample ID: 410-182557-8**

Date Collected: 08/01/24 00:00

Matrix: Water

Date Received: 08/02/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SPE			537253	WQ8R	ELLE	08/07/24 07:11
Total/NA	Analysis	537 (Mod)		1	538505	R7RE	ELLE	08/10/24 10:58
Total/NA	Prep	537.1 DW Prep			536835	DX7G	ELLE	08/06/24 08:28
Total/NA	Analysis	EPA 537.1		1	538843	QD9Y	ELLE	08/11/24 08:55

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



# Accreditation/Certification Summary

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

Job ID: 410-182557-1

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-25

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)	SPE	Water	6:2 Fluorotelomer sulfonic acid
537 (Mod)	SPE	Water	8:2 Fluorotelomer sulfonic acid
537 (Mod)	SPE	Water	Perfluorobutanoic acid
537 (Mod)	SPE	Water	Perfluorodecanesulfonic acid
537 (Mod)	SPE	Water	Perfluoroheptanesulfonic acid
537 (Mod)	SPE	Water	Perfluorooctanesulfonamide
537 (Mod)	SPE	Water	Perfluoropentanoic acid



# Method Summary

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

Job ID: 410-182557-1

Method	Method Description	Protocol	Laboratory
537 (Mod)	EPA 537 Version 1.1 modified	EPA	ELLE
EPA 537.1	EPA 537.1, Ver 1.0 Nov 2018	EPA	ELLE
537.1 DW Prep	Extraction of Perfluorinated Alkyl Acids	EPA	ELLE
SPE	PFAS by SPE	Lab SOP	ELLE

**Protocol References:**

EPA = US Environmental Protection Agency  
Lab SOP = Laboratory Standard Operating Procedure

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



# Sample Summary

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

Job ID: 410-182557-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-182557-1	GAC INFLUENT	Water	08/01/24 09:35	08/02/24 09:45
410-182557-2	GAC MIDFLUENT	Water	08/01/24 09:43	08/02/24 09:45
410-182557-3	GAC EFFLUENT	Water	08/01/24 09:45	08/02/24 09:45
410-182557-4	PV-1_25	Water	08/01/24 09:50	08/02/24 09:45
410-182557-5	PV-1_50	Water	08/01/24 09:53	08/02/24 09:45
410-182557-6	PV-1_75	Water	08/01/24 09:55	08/02/24 09:45
410-182557-7	SG1-FTB01-240801	Water	08/01/24 10:00	08/02/24 09:45
410-182557-8	SG1-LTB01-240801	Water	08/01/24 00:00	08/02/24 09:45

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410-182557 Chain of Custody

# Chain of Custody Record



Environment Testing  
America

Sampler: C. Ormsby		Lab PM: Kelly Gallagher		Carrier Tracking No(s):		COC No:					
Client: Jonathan Dippert		Phone: 518-786-7400		E-Mail: Kelly.Gallagher@et.eurofinsus.com		State of Origin: NY					
Company: C.T. Male Associates		PWSID:		Analysis Requested				Page: 1 of 1			
Address: 50 Century Hill Dr		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS (MS) (Yes or No) PFC_IDA - (MOD) 7 PFAS Compounds SST_DW - 14 PFAS Drinking Water List				Job #:			
City: Latham		TAT Requested (days): Standard						Preservation Codes:			
State, Zip: NY, 12110		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Phone: 518-786-7400		PO #: 14.4756						Other: Y - Trizma		Special Instructions/Note:	
Email: J.Dippert@ctmale.com, N.Garry@ctmale.com		WC #:									
Project Name: Hoosick Falls WTP		Project #: 41000511									
Site: 14.4756		SSOW#:									
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	WATER (W=water, S=solid, O=on-site, ST=Tapwater, A=Air)	Field Filtered Sample (Yes or No)	Perform MS (MS) (Yes or No)	PFC_IDA - (MOD) 7 PFAS Compounds	SST_DW - 14 PFAS Drinking Water List	Total Number of Containers	Special Instructions/Note:	
Preservation Code:					X	X	N	Y			
GAC INFLUENT	8/1/24	0935	G	W	N	N	X	X	8	PFAS Batch QC Collected Here	
GAC MIDFLUENT	8/1/24	0943	G	W	N	N	X	X	4		
GAC EFFULENT	8/1/24	0945	G	W	N	N	X	X	4		
PV-1_25	8/1/24	0950	G	W	N	N	X	X	4		
PV-1_50	8/1/24	0953	G	W	N	N	X	X	4		
PV-1_75	8/1/24	0955	G	W	N	N	X	X	4		
SG1-FTB01-240801	8/1/24	1000	G	W	N	N	X	X	4		
SG1-LTB01-240801	8/1/24	-	G	W	N	N	X	X	4		
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input 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 type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:						
EquiS 1-File; ASP-B											
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <i>[Signature]</i>		Date/Time: 8/1/24 1430		Company: <i>CTM</i>		Received by: <i>[Signature]</i>		Date/Time: 8/1/24 0945		Company: <i>JMS</i>	
Relinquished by: <i>[Signature]</i>		Date/Time:		Company:		Received by: <i>[Signature]</i>		Date/Time:		Company:	
Relinquished by: <i>[Signature]</i>		Date/Time:		Company:		Received by: <i>[Signature]</i>		Date/Time:		Company:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>RAW 0.4 COP 0.3</i>							

## Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-182557-1

**Login Number: 182557**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

**List Number: 1**

**Creator: Moeller, Colin**

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable, where thermal pres is required (<math>\leq 6^{\circ}\text{C}</math>, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temp acceptable, where thermal pres is required (<math>\leq 6^{\circ}\text{C}</math>, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

### Sample Preservation Checks (performed by the laboratory)

Question	Answer	Comment
Did the sample containers checked meet expected preservation conditions?	False	Refer to Job Narrative for details.

