

ANALYTICAL REPORT

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Laboratory Job ID: 410-13103-2
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:
9/23/2020 5:56:34 PM

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

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

* QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

* 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 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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Dorothy Coplan
Project Manager
9/23/2020 5:56:34 PM

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Definitions/Glossary

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

Job ID: 410-13103-2

Qualifiers

LCMS

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 410-13103-2

Job ID: 410-13103-2

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-13103-2

Comments

No additional comments.

Receipt

The samples were received on 9/4/2020 11:03 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.9° C.

LCMS

Methods 537 (modified), 537 DW: The following sample(s) were found to contain residual chlorine: GAC Influent (410-13103-1).

Methods 537 (modified), 537 DW: The following sample(s) were found to contain residual chlorine: PV-2 25 (410-13103-7).

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

Organic Prep

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

Detection Summary

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

Job ID: 410-13103-2

Client Sample ID: GAC Influent

Lab Sample ID: 410-13103-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	12		1.8	ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	13		1.8	ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	3.4		1.8	ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	420		18	ng/L	10		537 DW	Total/NA

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-13103-2

No Detections.

Client Sample ID: GAC Effluent

Lab Sample ID: 410-13103-3

No Detections.

Client Sample ID: PV-1 25

Lab Sample ID: 410-13103-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	2.6		1.8	ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid	24		1.8	ng/L	1		537 DW	Total/NA

Client Sample ID: PV-1 50

Lab Sample ID: 410-13103-5

No Detections.

Client Sample ID: PV-1 75

Lab Sample ID: 410-13103-6

No Detections.

Client Sample ID: PV-2 25

Lab Sample ID: 410-13103-7

No Detections.

Client Sample ID: PV-2-50

Lab Sample ID: 410-13103-8

No Detections.

Client Sample ID: PV-2 75

Lab Sample ID: 410-13103-9

No Detections.

Client Sample ID: FTB01-200903

Lab Sample ID: 410-13103-10

No Detections.

Client Sample ID: LTB01-200903

Lab Sample ID: 410-13103-11

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: 410-13103-2

Client Sample ID: GAC Influent

Lab Sample ID: 410-13103-1

Date Collected: 09/03/20 09:35

Matrix: Water

Date Received: 09/04/20 11:03

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	12		1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluoroheptanoic acid	13		1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorooctanesulfonic acid	3.4		1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
NEtFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
NMeFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130	09/09/20 10:26	09/12/20 07:32	1
13C2 PFDA	119		70 - 130	09/09/20 10:26	09/12/20 07:32	1
13C2 PFHxA	121		70 - 130	09/09/20 10:26	09/12/20 07:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	420		18	ng/L		09/09/20 10:26	09/16/20 02:04	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	106		70 - 130	09/09/20 10:26	09/16/20 02:04	10
13C2 PFDA	101		70 - 130	09/09/20 10:26	09/16/20 02:04	10
13C2 PFHxA	104		70 - 130	09/09/20 10:26	09/16/20 02:04	10

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-13103-2

Date Collected: 09/03/20 09:42

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 10:26	09/12/20 07:43	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
NEtFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
NMeFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 07:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130	09/09/20 10:26	09/12/20 07:43	1
13C2 PFDA	85		70 - 130	09/09/20 10:26	09/12/20 07:43	1
13C2 PFHxA	86		70 - 130	09/09/20 10:26	09/12/20 07:43	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: GAC Effluent

Lab Sample ID: 410-13103-3

Date Collected: 09/03/20 09:45

Matrix: Water

Date Received: 09/04/20 11:03

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluoroheptanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorooctanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorononanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorodecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorotridecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorotetradecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorobutanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorohexanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorooctanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
NEtFOSAA	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
NMeFOSAA	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluoroundecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Perfluorododecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 08:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	82		70 - 130			09/09/20 10:26	09/12/20 08:06	1
13C2 PFDA	81		70 - 130			09/09/20 10:26	09/12/20 08:06	1
13C2 PFHxA	79		70 - 130			09/09/20 10:26	09/12/20 08:06	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: PV-1 25

Lab Sample ID: 410-13103-4

Date Collected: 09/03/20 09:47

Matrix: Water

Date Received: 09/04/20 11:03

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.6		1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorooctanoic acid	24		1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
NEtFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
NMeFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	95		70 - 130			09/09/20 10:26	09/12/20 08:18	1
13C2 PFDA	99		70 - 130			09/09/20 10:26	09/12/20 08:18	1
13C2 PFHxA	100		70 - 130			09/09/20 10:26	09/12/20 08:18	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: PV-1 50

Lab Sample ID: 410-13103-5

Date Collected: 09/03/20 09:50

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 10:26	09/12/20 08:29	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
NEtFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
NMeFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	101		70 - 130	09/09/20 10:26	09/12/20 08:29	1
13C2 PFDA	96		70 - 130	09/09/20 10:26	09/12/20 08:29	1
13C2 PFHxA	90		70 - 130	09/09/20 10:26	09/12/20 08:29	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: PV-1 75

Lab Sample ID: 410-13103-6

Date Collected: 09/03/20 09:53

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 10:26	09/12/20 08:41	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
NEtFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
NMeFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 08:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	83		70 - 130	09/09/20 10:26	09/12/20 08:41	1
13C2 PFDA	73		70 - 130	09/09/20 10:26	09/12/20 08:41	1
13C2 PFHxA	74		70 - 130	09/09/20 10:26	09/12/20 08:41	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: PV-2 25

Lab Sample ID: 410-13103-7

Date Collected: 09/03/20 09:56

Matrix: Water

Date Received: 09/04/20 11:03

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		09/17/20 11:21	09/18/20 00:12	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
NEtFOSAA	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
NMeFOSAA	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/17/20 11:21	09/18/20 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	95		70 - 130	09/17/20 11:21	09/18/20 00:12	1
13C2 PFDA	93		70 - 130	09/17/20 11:21	09/18/20 00:12	1
13C2 PFHxA	94		70 - 130	09/17/20 11:21	09/18/20 00:12	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: PV-2-50

Lab Sample ID: 410-13103-8

Date Collected: 09/03/20 09:59

Matrix: Water

Date Received: 09/04/20 11:03

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluoroheptanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorooctanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorononanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorodecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorotridecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorotetradecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorobutanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorohexanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorooctanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
NEtFOSAA	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
NMeFOSAA	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluoroundecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1
Perfluorododecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/16/20 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	82		70 - 130	09/09/20 10:26	09/16/20 02:27	1
13C2 PFDA	80		70 - 130	09/09/20 10:26	09/16/20 02:27	1
13C2 PFHxA	76		70 - 130	09/09/20 10:26	09/16/20 02:27	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: PV-2 75

Lab Sample ID: 410-13103-9

Date Collected: 09/03/20 10:05

Matrix: Water

Date Received: 09/04/20 11:03

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluoroheptanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorooctanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorononanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorodecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorotridecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorotetradecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorobutanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorohexanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorooctanesulfonic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
NEtFOSAA	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
NMeFOSAA	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluoroundecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1
Perfluorododecanoic acid	1.9	U	1.9	ng/L		09/09/20 10:26	09/12/20 09:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130	09/09/20 10:26	09/12/20 09:15	1
13C2 PFDA	93		70 - 130	09/09/20 10:26	09/12/20 09:15	1
13C2 PFHxA	89		70 - 130	09/09/20 10:26	09/12/20 09:15	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: FTB01-200903

Lab Sample ID: 410-13103-10

Date Collected: 09/03/20 10:10

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 10:26	09/12/20 09:27	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
NEtFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
NMeFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130	09/09/20 10:26	09/12/20 09:27	1
13C2 PFDA	93		70 - 130	09/09/20 10:26	09/12/20 09:27	1
13C2 PFHxA	87		70 - 130	09/09/20 10:26	09/12/20 09:27	1

Client Sample Results

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

Job ID: 410-13103-2

Client Sample ID: LTB01-200903

Lab Sample ID: 410-13103-11

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 10:26	09/12/20 09:38	1
Perfluoroheptanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorooctanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorononanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorodecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorotridecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorotetradecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorobutanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorohexanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorooctanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
NEtFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
NMeFOSAA	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluoroundecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Perfluorododecanoic acid	1.8	U	1.8	ng/L		09/09/20 10:26	09/12/20 09:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	96		70 - 130			09/09/20 10:26	09/12/20 09:38	1
13C2 PFDA	90		70 - 130			09/09/20 10:26	09/12/20 09:38	1
13C2 PFHxA	90		70 - 130			09/09/20 10:26	09/12/20 09:38	1

Surrogate Summary

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

Job ID: 410-13103-2

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-13103-1	GAC Influent	100	119	121
410-13103-1 - DL	GAC Influent	106	101	104
410-13103-2	GAC Midfluent	94	85	86
410-13103-3	GAC Effluent	82	81	79
410-13103-4	PV-1 25	95	99	100
410-13103-5	PV-1 50	101	96	90
410-13103-6	PV-1 75	83	73	74
410-13103-7	PV-2 25	95	93	94
410-13103-8	PV-2 50	82	80	76
410-13103-9	PV-2 75	100	93	89
410-13103-10	FTB01-200903	100	93	87
410-13103-11	LTB01-200903	96	90	90
LCS 410-42050/2-A	Lab Control Sample	101	94	92
LCS 410-44952/2-A	Lab Control Sample	87	87	94
LCSD 410-42050/3-A	Lab Control Sample Dup	89	87	87
LCSD 410-44952/3-A	Lab Control Sample Dup	87	90	91
LLCS 410-42050/4-A	Lab Control Sample	99	92	91
LLCS 410-44952/4-A	Lab Control Sample	93	94	91
MB 410-42050/1-A	Method Blank	92	84	83
MB 410-44952/1-A	Method Blank	85	95	93

Surrogate Legend

d5NEFOS = d5-NEtFOSAA

PFDA = 13C2 PFDA

PFHxA = 13C2 PFHxA

QC Sample Results

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

Job ID: 410-13103-2

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

Lab Sample ID: MB 410-42050/1-A

Matrix: Water

Analysis Batch: 43156

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42050

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
NEtFOSAA	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
NMeFOSAA	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		09/09/20 10:26	09/12/20 05:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	92		70 - 130	09/09/20 10:26	09/12/20 05:13	1
13C2 PFDA	84		70 - 130	09/09/20 10:26	09/12/20 05:13	1
13C2 PFHxA	83		70 - 130	09/09/20 10:26	09/12/20 05:13	1

Lab Sample ID: LCS 410-42050/2-A

Matrix: Water

Analysis Batch: 43156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	80.0	74.8		ng/L		94	70 - 130
Perfluoroheptanoic acid	80.0	77.3		ng/L		97	70 - 130
Perfluorooctanoic acid	80.0	74.3		ng/L		93	70 - 130
Perfluorononanoic acid	80.0	76.8		ng/L		96	70 - 130
Perfluorodecanoic acid	80.0	75.0		ng/L		94	70 - 130
Perfluorotridecanoic acid	80.0	77.6		ng/L		97	70 - 130
Perfluorotetradecanoic acid	80.0	76.1		ng/L		95	70 - 130
Perfluorobutanesulfonic acid	70.8	63.7		ng/L		90	70 - 130
Perfluorohexanesulfonic acid	73.0	71.1		ng/L		97	70 - 130
Perfluorooctanesulfonic acid	74.0	71.7		ng/L		97	70 - 130
NEtFOSAA	80.0	82.9	E	ng/L		104	70 - 130
NMeFOSAA	80.0	79.5		ng/L		99	70 - 130
Perfluoroundecanoic acid	80.0	73.1		ng/L		91	70 - 130
Perfluorododecanoic acid	80.0	75.0		ng/L		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
d5-NEtFOSAA	101		70 - 130
13C2 PFDA	94		70 - 130
13C2 PFHxA	92		70 - 130

QC Sample Results

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

Job ID: 410-13103-2

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

Lab Sample ID: LCSD 410-42050/3-A

Matrix: Water

Analysis Batch: 43156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42050

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	80.0	74.3		ng/L		93	70 - 130	1	30
Perfluoroheptanoic acid	80.0	79.4		ng/L		99	70 - 130	3	30
Perfluorooctanoic acid	80.0	76.6		ng/L		96	70 - 130	3	30
Perfluorononanoic acid	80.0	79.1		ng/L		99	70 - 130	3	30
Perfluorodecanoic acid	80.0	75.6		ng/L		94	70 - 130	1	30
Perfluorotridecanoic acid	80.0	80.5	E	ng/L		101	70 - 130	4	30
Perfluorotetradecanoic acid	80.0	75.8		ng/L		95	70 - 130	0	30
Perfluorobutanesulfonic acid	70.8	63.1		ng/L		89	70 - 130	1	30
Perfluorohexanesulfonic acid	73.0	72.9		ng/L		100	70 - 130	3	30
Perfluorooctanesulfonic acid	74.0	74.6	E	ng/L		101	70 - 130	4	30
NEtFOSAA	80.0	84.6	E	ng/L		106	70 - 130	2	30
NMeFOSAA	80.0	82.4	E	ng/L		103	70 - 130	4	30
Perfluoroundecanoic acid	80.0	75.1		ng/L		94	70 - 130	3	30
Perfluorododecanoic acid	80.0	75.5		ng/L		94	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
d5-NEtFOSAA	89		70 - 130
13C2 PFDA	87		70 - 130
13C2 PFHxA	87		70 - 130

Lab Sample ID: LLCS 410-42050/4-A

Matrix: Water

Analysis Batch: 43156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42050

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	1.92	1.73	J	ng/L		90	50 - 150
Perfluoroheptanoic acid	1.92	1.79	J	ng/L		93	50 - 150
Perfluorooctanoic acid	1.92	1.87	J	ng/L		98	50 - 150
Perfluorononanoic acid	1.92	1.79	J	ng/L		93	50 - 150
Perfluorodecanoic acid	1.92	1.73	J	ng/L		90	50 - 150
Perfluorotridecanoic acid	1.92	1.78	J	ng/L		93	50 - 150
Perfluorotetradecanoic acid	1.92	1.69	J	ng/L		88	50 - 150
Perfluorobutanesulfonic acid	1.70	1.41	J	ng/L		83	50 - 150
Perfluorohexanesulfonic acid	1.75	1.65	J	ng/L		94	50 - 150
Perfluorooctanesulfonic acid	1.78	1.68	J	ng/L		94	50 - 150
NEtFOSAA	1.92	2.04		ng/L		106	50 - 150
NMeFOSAA	1.92	1.84	J	ng/L		96	50 - 150
Perfluoroundecanoic acid	1.92	1.77	J	ng/L		92	50 - 150
Perfluorododecanoic acid	1.92	1.78	J	ng/L		93	50 - 150

Surrogate	LLCS %Recovery	LLCS Qualifier	Limits
d5-NEtFOSAA	99		70 - 130
13C2 PFDA	92		70 - 130
13C2 PFHxA	91		70 - 130

QC Sample Results

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

Job ID: 410-13103-2

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

Lab Sample ID: MB 410-44952/1-A

Matrix: Water

Analysis Batch: 45179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44952

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
NEtFOSAA	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
NMeFOSAA	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		09/17/20 11:21	09/17/20 23:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	85		70 - 130	09/17/20 11:21	09/17/20 23:26	1
13C2 PFDA	95		70 - 130	09/17/20 11:21	09/17/20 23:26	1
13C2 PFHxA	93		70 - 130	09/17/20 11:21	09/17/20 23:26	1

Lab Sample ID: LCS 410-44952/2-A

Matrix: Water

Analysis Batch: 45179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44952

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	20.5	17.9		ng/L		87	70 - 130
Perfluoroheptanoic acid	20.5	19.2		ng/L		94	70 - 130
Perfluorooctanoic acid	20.5	18.7		ng/L		92	70 - 130
Perfluorononanoic acid	20.5	17.5		ng/L		85	70 - 130
Perfluorodecanoic acid	20.5	18.1		ng/L		88	70 - 130
Perfluorotridecanoic acid	20.5	20.4		ng/L		100	70 - 130
Perfluorotetradecanoic acid	20.5	17.5		ng/L		85	70 - 130
Perfluorobutanesulfonic acid	18.1	15.9		ng/L		88	70 - 130
Perfluorohexanesulfonic acid	18.7	16.7		ng/L		90	70 - 130
Perfluorooctanesulfonic acid	19.0	17.0		ng/L		90	70 - 130
NEtFOSAA	20.5	17.4		ng/L		85	70 - 130
NMeFOSAA	20.5	17.8		ng/L		87	70 - 130
Perfluoroundecanoic acid	20.5	18.5		ng/L		91	70 - 130
Perfluorododecanoic acid	20.5	17.9		ng/L		88	70 - 130

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

QC Sample Results

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

Job ID: 410-13103-2

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

Lab Sample ID: LCSD 410-44952/3-A

Matrix: Water

Analysis Batch: 45179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44952

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	20.5	17.6		ng/L		86	70 - 130	2	30
Perfluoroheptanoic acid	20.5	19.5		ng/L		95	70 - 130	2	30
Perfluorooctanoic acid	20.5	18.6		ng/L		91	70 - 130	1	30
Perfluorononanoic acid	20.5	18.2		ng/L		89	70 - 130	4	30
Perfluorodecanoic acid	20.5	17.3		ng/L		84	70 - 130	5	30
Perfluorotridecanoic acid	20.5	19.8		ng/L		96	70 - 130	3	30
Perfluorotetradecanoic acid	20.5	17.5		ng/L		86	70 - 130	0	30
Perfluorobutanesulfonic acid	18.1	16.1		ng/L		89	70 - 130	1	30
Perfluorohexanesulfonic acid	18.7	17.3		ng/L		93	70 - 130	3	30
Perfluorooctanesulfonic acid	19.0	16.8		ng/L		89	70 - 130	1	30
NEtFOSAA	20.5	17.1		ng/L		84	70 - 130	2	30
NMeFOSAA	20.5	17.5		ng/L		86	70 - 130	1	30
Perfluoroundecanoic acid	20.5	17.9		ng/L		87	70 - 130	4	30
Perfluorododecanoic acid	20.5	19.4		ng/L		95	70 - 130	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
d5-NEtFOSAA	87		70 - 130
13C2 PFDA	90		70 - 130
13C2 PFHxA	91		70 - 130

Lab Sample ID: LLCS 410-44952/4-A

Matrix: Water

Analysis Batch: 45179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44952

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	1.92	2.09		ng/L		109	50 - 150
Perfluoroheptanoic acid	1.92	2.25		ng/L		117	50 - 150
Perfluorooctanoic acid	1.92	2.28		ng/L		119	50 - 150
Perfluorononanoic acid	1.92	1.97	J	ng/L		103	50 - 150
Perfluorodecanoic acid	1.92	1.97	J	ng/L		102	50 - 150
Perfluorotridecanoic acid	1.92	2.44		ng/L		127	50 - 150
Perfluorotetradecanoic acid	1.92	2.10		ng/L		110	50 - 150
Perfluorobutanesulfonic acid	1.70	1.72	J	ng/L		101	50 - 150
Perfluorohexanesulfonic acid	1.75	1.90	J	ng/L		108	50 - 150
Perfluorooctanesulfonic acid	1.78	2.03		ng/L		114	50 - 150
NEtFOSAA	1.92	1.87	J	ng/L		98	50 - 150
NMeFOSAA	1.92	2.00		ng/L		104	50 - 150
Perfluoroundecanoic acid	1.92	2.15		ng/L		112	50 - 150
Perfluorododecanoic acid	1.92	2.09		ng/L		109	50 - 150

Surrogate	LLCS %Recovery	LLCS Qualifier	Limits
d5-NEtFOSAA	93		70 - 130
13C2 PFDA	94		70 - 130
13C2 PFHxA	91		70 - 130

QC Association Summary

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

Job ID: 410-13103-2

LCMS

Prep Batch: 42050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13103-1	GAC Influent	Total/NA	Water	537 DW	
410-13103-1 - DL	GAC Influent	Total/NA	Water	537 DW	
410-13103-2	GAC Midfluent	Total/NA	Water	537 DW	
410-13103-3	GAC Effluent	Total/NA	Water	537 DW	
410-13103-4	PV-1 25	Total/NA	Water	537 DW	
410-13103-5	PV-1 50	Total/NA	Water	537 DW	
410-13103-6	PV-1 75	Total/NA	Water	537 DW	
410-13103-8	PV-2-50	Total/NA	Water	537 DW	
410-13103-9	PV-2 75	Total/NA	Water	537 DW	
410-13103-10	FTB01-200903	Total/NA	Water	537 DW	
410-13103-11	LTB01-200903	Total/NA	Water	537 DW	
MB 410-42050/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-42050/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-42050/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	
LLCS 410-42050/4-A	Lab Control Sample	Total/NA	Water	537 DW	

Analysis Batch: 43156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13103-1	GAC Influent	Total/NA	Water	537 DW	42050
410-13103-2	GAC Midfluent	Total/NA	Water	537 DW	42050
410-13103-3	GAC Effluent	Total/NA	Water	537 DW	42050
410-13103-4	PV-1 25	Total/NA	Water	537 DW	42050
410-13103-5	PV-1 50	Total/NA	Water	537 DW	42050
410-13103-6	PV-1 75	Total/NA	Water	537 DW	42050
410-13103-9	PV-2 75	Total/NA	Water	537 DW	42050
410-13103-10	FTB01-200903	Total/NA	Water	537 DW	42050
410-13103-11	LTB01-200903	Total/NA	Water	537 DW	42050
MB 410-42050/1-A	Method Blank	Total/NA	Water	537 DW	42050
LCS 410-42050/2-A	Lab Control Sample	Total/NA	Water	537 DW	42050
LCSD 410-42050/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	42050
LLCS 410-42050/4-A	Lab Control Sample	Total/NA	Water	537 DW	42050

Analysis Batch: 43914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13103-1 - DL	GAC Influent	Total/NA	Water	537 DW	42050
410-13103-8	PV-2-50	Total/NA	Water	537 DW	42050

Prep Batch: 44952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13103-7	PV-2 25	Total/NA	Water	537 DW	
MB 410-44952/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-44952/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-44952/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	
LLCS 410-44952/4-A	Lab Control Sample	Total/NA	Water	537 DW	

Analysis Batch: 45179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13103-7	PV-2 25	Total/NA	Water	537 DW	44952
MB 410-44952/1-A	Method Blank	Total/NA	Water	537 DW	44952
LCS 410-44952/2-A	Lab Control Sample	Total/NA	Water	537 DW	44952
LCSD 410-44952/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	44952

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

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

Job ID: 410-13103-2

LCMS (Continued)

Analysis Batch: 45179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 410-44952/4-A	Lab Control Sample	Total/NA	Water	537 DW	44952

Lab Chronicle

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

Job ID: 410-13103-2

Client Sample ID: GAC Influent

Date Collected: 09/03/20 09:35

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 07:32	PY4D	ELLE
Total/NA	Prep	537 DW	DL		42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW	DL	10	43914	09/16/20 02:04	Y6ZN	ELLE

Client Sample ID: GAC Midfluent

Date Collected: 09/03/20 09:42

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 07:43	PY4D	ELLE

Client Sample ID: GAC Effluent

Date Collected: 09/03/20 09:45

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 08:06	PY4D	ELLE

Client Sample ID: PV-1 25

Date Collected: 09/03/20 09:47

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 08:18	PY4D	ELLE

Client Sample ID: PV-1 50

Date Collected: 09/03/20 09:50

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 08:29	PY4D	ELLE

Client Sample ID: PV-1 75

Date Collected: 09/03/20 09:53

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 08:41	PY4D	ELLE

Lab Chronicle

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

Job ID: 410-13103-2

Client Sample ID: PV-2 25

Date Collected: 09/03/20 09:56

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			44952	09/17/20 11:21	Q5YX	ELLE
Total/NA	Analysis	537 DW		1	45179	09/18/20 00:12	DCS9	ELLE

Client Sample ID: PV-2-50

Date Collected: 09/03/20 09:59

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43914	09/16/20 02:27	Y6ZN	ELLE

Client Sample ID: PV-2 75

Date Collected: 09/03/20 10:05

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 09:15	PY4D	ELLE

Client Sample ID: FTB01-200903

Date Collected: 09/03/20 10:10

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 09:27	PY4D	ELLE

Client Sample ID: LTB01-200903

Date Collected: 09/03/20 00:00

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 DW			42050	09/09/20 10:26	W5MU	ELLE
Total/NA	Analysis	537 DW		1	43156	09/12/20 09:38	PY4D	ELLE

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 410-13103-2

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 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: 410-13103-2

Method	Method Description	Protocol	Laboratory
537 DW	Perfluorinated Alkyl Acids (LC/MS)	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: 410-13103-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-13103-1	GAC Influent	Water	09/03/20 09:35	09/04/20 11:03	
410-13103-2	GAC Midfluent	Water	09/03/20 09:42	09/04/20 11:03	
410-13103-3	GAC Effluent	Water	09/03/20 09:45	09/04/20 11:03	
410-13103-4	PV-1 25	Water	09/03/20 09:47	09/04/20 11:03	
410-13103-5	PV-1 50	Water	09/03/20 09:50	09/04/20 11:03	
410-13103-6	PV-1 75	Water	09/03/20 09:53	09/04/20 11:03	
410-13103-7	PV-2 25	Water	09/03/20 09:56	09/04/20 11:03	
410-13103-8	PV-2-50	Water	09/03/20 09:59	09/04/20 11:03	
410-13103-9	PV-2 75	Water	09/03/20 10:05	09/04/20 11:03	
410-13103-10	FTB01-200903	Water	09/03/20 10:10	09/04/20 11:03	
410-13103-11	LTB01-200903	Water	09/03/20 00:00	09/04/20 11:03	



Acct. #: 37191

Group #:

410-13103 Chain of Custody

COC#: 20030

Client: C.T. Male Associates				Matrix				Analyses Requested												For Lab Use Only	
Project Name/#: Hoosick Falls WTP				Site ID:				Preservation and Filtration Codes												Project# 41000511	
Project Manager: Kirk Moline				P.O. #: 14.4756				Z												SCR#: 260925	
Sampler: <u>C. Ormsby</u>				Quote #: 219169																Preservation Codes	
Phone #: <u>(518) 786-7400</u>				For Compliance: Yes <input type="checkbox"/> No <input type="checkbox"/>																H = HCl T = Thiosulfate	
State where sample(s) were collected: NY																				N = HNO ₃ B = NaOH	
																				S = H ₂ SO ₄ P = H ₃ PO ₄	
																				O = Other Z = Trizma	
Collection				Soil				Water				Other: <u>Reagent Water</u>				Remarks					
Sample Identification		Date	Time	Grab	Composite	Sediment	Potable	Ground	Surface	NPDES	Total # of Containers	7 PFAS (EPA 537 mod.)	14 PFAS (EPA 537 ver. 1.1)								
GAC Influent		9/3/20	0935	✓			✓				8	✓	✓	PFAS QCL Batch concern							
GAC Midfluent			0942	✓			✓				4	✓	✓								
GAC Effluent			0945	✓			✓				4	✓	✓								
PV-1 25			0947	✓			✓				4	✓	✓								
PV-1 50			0950	✓			✓				4	✓	✓								
PV-1 75			0953	✓			✓				4	✓	✓								
PV-2 25			0956	✓			✓				4	✓	✓								
PV-2 50			0959	✓			✓				4	✓	✓								
PV-2 75			1005	✓			✓				4	✓	✓								
FTB01-200903		✓	1010	✓							4	✓	✓								
LTB01-260903		✓		✓							4	✓	✓								
Turnaround Time Requested (TAT) (please check): Standard <input checked="" type="checkbox"/> RUSH <input type="checkbox"/>										Relinquished by: <u>Christopher Amunugama</u>		Date: 9/3/20		Time: 1515		Received by:		Date:		Time:	
(RUSH TAT is subject to Eurofins Lancaster Laboratories approval and surcharges.)										Relinquished by:		Date:		Time:		Received by:		Date:		Time:	
Date results are needed:										Relinquished by:		Date:		Time:		Received by:		Date:		Time:	
E-mail address to send RUSH results: <u>K.Moline@CTMale.com</u>										Relinquished by:		Date:		Time:		Received by:		Date:		Time:	
Data Package Options (please check if required)										Relinquished by:		Date:		Time:		Received by:		Date:		Time:	
Type I (Validation/non-CLP) <input type="checkbox"/>		MA MCP <input type="checkbox"/>		TX TRRP - 13 <input type="checkbox"/>		Relinquished by:		Date:		Time:		Received by:		Date:		Time:		Time:			
Type III (Reduced non-CLP) <input type="checkbox"/>		CT RCP <input type="checkbox"/>		Relinquished by:		Date:		Time:		Time:		Received by:		Date:		Time:		Time:			
Type IV (CLP SOW) <input type="checkbox"/>		ASP Type A <input type="checkbox"/>		Relinquished by:		Date:		Time:		Time:		Received by:		Date:		Time:		Time:			
Type VI (Raw Data Only) <input type="checkbox"/>		ASP Type B <input checked="" type="checkbox"/>		Relinquished by:		Date:		Time:		Time:		Received by:		Date:		Time:		Time:			
EDD Format: EQUIS										Airbill No.:		Date:		Time:		Received by:		Date:		Time:	
If site-specific QC (MS/MSD/Dup) required, indicate QC samples and submit triplicate volume.										Relinquished by Commercial Carrier:		Date:		Time:		Received by:		Date:		Time:	
										UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Other <input type="checkbox"/>		Date:		Time:		Received by:		Date:		Time:	
										Temperature upon receipt		Date:		Time:		Received by:		Date:		Time:	

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-13103-2

Login Number: 13103

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.	N/A	

ANALYTICAL REPORT

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

Laboratory Job ID: 410-13103-1
Client Project/Site: Hoosick Falls WTP

For:
CT Male Associates DPC
50 Century Hill Dr
Latham, New York 12110

Attn: Mr. Kirk Moline



Authorized for release by:
9/15/2020 9:26:39 PM

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

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

* QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

* 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 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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Dorothy Coplan
Project Manager
9/15/2020 9:26:39 PM

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Definitions/Glossary

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

Job ID: 410-13103-1

Qualifiers

LCMS

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 410-13103-1

Job ID: 410-13103-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-13103-1

Comments

No additional comments.

Receipt

The samples were received on 9/4/2020 11:03 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.9° C.

LCMS

Methods 537 (modified), 537 DW: The following sample(s) were found to contain residual chlorine: GAC Influent (410-13103-1).

Methods 537 (modified), 537 DW: The following sample(s) were found to contain residual chlorine: PV-2 25 (410-13103-7).

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

Organic Prep

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

Detection Summary

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

Job ID: 410-13103-1

Client Sample ID: GAC Influent

Lab Sample ID: 410-13103-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.3		4.3	ng/L	1		537 (Mod)	Total/NA
Perfluorooctanesulfonamide	2.9		1.7	ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	3.7		1.7	ng/L	1		537 (Mod)	Total/NA

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-13103-2

No Detections.

Client Sample ID: GAC Effluent

Lab Sample ID: 410-13103-3

No Detections.

Client Sample ID: PV-1 25

Lab Sample ID: 410-13103-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	5.8		4.3	ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	1.9		1.7	ng/L	1		537 (Mod)	Total/NA

Client Sample ID: PV-1 50

Lab Sample ID: 410-13103-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	6.0		4.4	ng/L	1		537 (Mod)	Total/NA

Client Sample ID: PV-1 75

Lab Sample ID: 410-13103-6

No Detections.

Client Sample ID: PV-2 25

Lab Sample ID: 410-13103-7

No Detections.

Client Sample ID: PV-2-50

Lab Sample ID: 410-13103-8

No Detections.

Client Sample ID: PV-2 75

Lab Sample ID: 410-13103-9

No Detections.

Client Sample ID: FTB01-200903

Lab Sample ID: 410-13103-10

No Detections.

Client Sample ID: LTB01-200903

Lab Sample ID: 410-13103-11

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: 410-13103-1

Client Sample ID: GAC Influent

Lab Sample ID: 410-13103-1

Date Collected: 09/03/20 09:35

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 15:38	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		09/09/20 07:18	09/10/20 15:38	1
Perfluorobutanoic acid	4.3		4.3	ng/L		09/09/20 07:18	09/10/20 15:38	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 15:38	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 15:38	1
Perfluorooctanesulfonamide	2.9		1.7	ng/L		09/09/20 07:18	09/10/20 15:38	1
Perfluoropentanoic acid	3.7		1.7	ng/L		09/09/20 07:18	09/10/20 15:38	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	86		29 - 189	09/09/20 07:18	09/10/20 15:38	1
M2-8:2 FTS	87		34 - 182	09/09/20 07:18	09/10/20 15:38	1
13C4 PFBA	88		41 - 132	09/09/20 07:18	09/10/20 15:38	1
13C5 PFPeA	93		33 - 155	09/09/20 07:18	09/10/20 15:38	1
13C8 PFOS	86		49 - 126	09/09/20 07:18	09/10/20 15:38	1
13C8 FOSA	67		10 - 143	09/09/20 07:18	09/10/20 15:38	1
13C3 PFHxS	94		32 - 145	09/09/20 07:18	09/10/20 15:38	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-13103-2

Date Collected: 09/03/20 09:42

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 15:48	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		09/09/20 07:18	09/10/20 15:48	1
Perfluorobutanoic acid	4.5	U	4.5	ng/L		09/09/20 07:18	09/10/20 15:48	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 15:48	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 15:48	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 15:48	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 15:48	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	83		29 - 189	09/09/20 07:18	09/10/20 15:48	1
M2-8:2 FTS	79		34 - 182	09/09/20 07:18	09/10/20 15:48	1
13C4 PFBA	87		41 - 132	09/09/20 07:18	09/10/20 15:48	1
13C5 PFPeA	83		33 - 155	09/09/20 07:18	09/10/20 15:48	1
13C8 PFOS	81		49 - 126	09/09/20 07:18	09/10/20 15:48	1
13C8 FOSA	77		10 - 143	09/09/20 07:18	09/10/20 15:48	1
13C3 PFHxS	81		32 - 145	09/09/20 07:18	09/10/20 15:48	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: GAC Effluent

Lab Sample ID: 410-13103-3

Date Collected: 09/03/20 09:45

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 15:57	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		09/09/20 07:18	09/10/20 15:57	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		09/09/20 07:18	09/10/20 15:57	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 15:57	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 15:57	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 15:57	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 15:57	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	79		29 - 189	09/09/20 07:18	09/10/20 15:57	1
M2-8:2 FTS	70		34 - 182	09/09/20 07:18	09/10/20 15:57	1
13C4 PFBA	83		41 - 132	09/09/20 07:18	09/10/20 15:57	1
13C5 PFPeA	83		33 - 155	09/09/20 07:18	09/10/20 15:57	1
13C8 PFOS	80		49 - 126	09/09/20 07:18	09/10/20 15:57	1
13C8 FOSA	72		10 - 143	09/09/20 07:18	09/10/20 15:57	1
13C3 PFHxS	75		32 - 145	09/09/20 07:18	09/10/20 15:57	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: PV-1 25

Lab Sample ID: 410-13103-4

Date Collected: 09/03/20 09:47

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 16:07	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		09/09/20 07:18	09/10/20 16:07	1
Perfluorobutanoic acid	5.8		4.3	ng/L		09/09/20 07:18	09/10/20 16:07	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 16:07	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 16:07	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 16:07	1
Perfluoropentanoic acid	1.9		1.7	ng/L		09/09/20 07:18	09/10/20 16:07	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	81		29 - 189	09/09/20 07:18	09/10/20 16:07	1
M2-8:2 FTS	80		34 - 182	09/09/20 07:18	09/10/20 16:07	1
13C4 PFBA	89		41 - 132	09/09/20 07:18	09/10/20 16:07	1
13C5 PFPeA	87		33 - 155	09/09/20 07:18	09/10/20 16:07	1
13C8 PFOS	84		49 - 126	09/09/20 07:18	09/10/20 16:07	1
13C8 FOSA	70		10 - 143	09/09/20 07:18	09/10/20 16:07	1
13C3 PFHxS	79		32 - 145	09/09/20 07:18	09/10/20 16:07	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: PV-1 50

Lab Sample ID: 410-13103-5

Date Collected: 09/03/20 09:50

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 16:17	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		09/09/20 07:18	09/10/20 16:17	1
Perfluorobutanoic acid	6.0		4.4	ng/L		09/09/20 07:18	09/10/20 16:17	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:17	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:17	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:17	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	78		29 - 189	09/09/20 07:18	09/10/20 16:17	1
M2-8:2 FTS	80		34 - 182	09/09/20 07:18	09/10/20 16:17	1
13C4 PFBA	86		41 - 132	09/09/20 07:18	09/10/20 16:17	1
13C5 PFPeA	85		33 - 155	09/09/20 07:18	09/10/20 16:17	1
13C8 PFOS	85		49 - 126	09/09/20 07:18	09/10/20 16:17	1
13C8 FOSA	78		10 - 143	09/09/20 07:18	09/10/20 16:17	1
13C3 PFHxS	81		32 - 145	09/09/20 07:18	09/10/20 16:17	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: PV-1 75

Lab Sample ID: 410-13103-6

Date Collected: 09/03/20 09:53

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 16:27	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		09/09/20 07:18	09/10/20 16:27	1
Perfluorobutanoic acid	4.5	U	4.5	ng/L		09/09/20 07:18	09/10/20 16:27	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:27	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:27	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:27	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	77		29 - 189	09/09/20 07:18	09/10/20 16:27	1
M2-8:2 FTS	82		34 - 182	09/09/20 07:18	09/10/20 16:27	1
13C4 PFBA	81		41 - 132	09/09/20 07:18	09/10/20 16:27	1
13C5 PFPeA	81		33 - 155	09/09/20 07:18	09/10/20 16:27	1
13C8 PFOS	81		49 - 126	09/09/20 07:18	09/10/20 16:27	1
13C8 FOSA	70		10 - 143	09/09/20 07:18	09/10/20 16:27	1
13C3 PFHxS	81		32 - 145	09/09/20 07:18	09/10/20 16:27	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: PV-2 25

Lab Sample ID: 410-13103-7

Date Collected: 09/03/20 09:56

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 16:37	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		09/09/20 07:18	09/10/20 16:37	1
Perfluorobutanoic acid	4.3	U	4.3	ng/L		09/09/20 07:18	09/10/20 16:37	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 16:37	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 16:37	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 16:37	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 16:37	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	79		29 - 189	09/09/20 07:18	09/10/20 16:37	1
M2-8:2 FTS	77		34 - 182	09/09/20 07:18	09/10/20 16:37	1
13C4 PFBA	78		41 - 132	09/09/20 07:18	09/10/20 16:37	1
13C5 PFPeA	80		33 - 155	09/09/20 07:18	09/10/20 16:37	1
13C8 PFOS	75		49 - 126	09/09/20 07:18	09/10/20 16:37	1
13C8 FOSA	68		10 - 143	09/09/20 07:18	09/10/20 16:37	1
13C3 PFHxS	72		32 - 145	09/09/20 07:18	09/10/20 16:37	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: PV-2-50

Lab Sample ID: 410-13103-8

Date Collected: 09/03/20 09:59

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 16:56	1
8:2 Fluorotelomer sulfonic acid	2.7	U	2.7	ng/L		09/09/20 07:18	09/10/20 16:56	1
Perfluorobutanoic acid	4.5	U	4.5	ng/L		09/09/20 07:18	09/10/20 16:56	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:56	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:56	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:56	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 16:56	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	81		29 - 189	09/09/20 07:18	09/10/20 16:56	1
M2-8:2 FTS	81		34 - 182	09/09/20 07:18	09/10/20 16:56	1
13C4 PFBA	76		41 - 132	09/09/20 07:18	09/10/20 16:56	1
13C5 PFPeA	74		33 - 155	09/09/20 07:18	09/10/20 16:56	1
13C8 PFOS	80		49 - 126	09/09/20 07:18	09/10/20 16:56	1
13C8 FOSA	68		10 - 143	09/09/20 07:18	09/10/20 16:56	1
13C3 PFHxS	80		32 - 145	09/09/20 07:18	09/10/20 16:56	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: PV-2 75

Lab Sample ID: 410-13103-9

Date Collected: 09/03/20 10:05

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 17:06	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		09/09/20 07:18	09/10/20 17:06	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		09/09/20 07:18	09/10/20 17:06	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:06	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:06	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:06	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:06	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	82		29 - 189	09/09/20 07:18	09/10/20 17:06	1
M2-8:2 FTS	84		34 - 182	09/09/20 07:18	09/10/20 17:06	1
13C4 PFBA	84		41 - 132	09/09/20 07:18	09/10/20 17:06	1
13C5 PFPeA	84		33 - 155	09/09/20 07:18	09/10/20 17:06	1
13C8 PFOS	82		49 - 126	09/09/20 07:18	09/10/20 17:06	1
13C8 FOSA	75		10 - 143	09/09/20 07:18	09/10/20 17:06	1
13C3 PFHxS	82		32 - 145	09/09/20 07:18	09/10/20 17:06	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: FTB01-200903

Lab Sample ID: 410-13103-10

Date Collected: 09/03/20 10:10

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 17:16	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		09/09/20 07:18	09/10/20 17:16	1
Perfluorobutanoic acid	4.4	U	4.4	ng/L		09/09/20 07:18	09/10/20 17:16	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:16	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:16	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:16	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		09/09/20 07:18	09/10/20 17:16	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	86		29 - 189	09/09/20 07:18	09/10/20 17:16	1
M2-8:2 FTS	88		34 - 182	09/09/20 07:18	09/10/20 17:16	1
13C4 PFBA	93		41 - 132	09/09/20 07:18	09/10/20 17:16	1
13C5 PFPeA	90		33 - 155	09/09/20 07:18	09/10/20 17:16	1
13C8 PFOS	86		49 - 126	09/09/20 07:18	09/10/20 17:16	1
13C8 FOSA	77		10 - 143	09/09/20 07:18	09/10/20 17:16	1
13C3 PFHxS	85		32 - 145	09/09/20 07:18	09/10/20 17:16	1

Client Sample Results

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

Job ID: 410-13103-1

Client Sample ID: LTB01-200903

Lab Sample ID: 410-13103-11

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 11:03

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		09/09/20 07:18	09/10/20 17:26	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6	ng/L		09/09/20 07:18	09/10/20 17:26	1
Perfluorobutanoic acid	4.3	U	4.3	ng/L		09/09/20 07:18	09/10/20 17:26	1
Perfluorodecanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 17:26	1
Perfluoroheptanesulfonic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 17:26	1
Perfluorooctanesulfonamide	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 17:26	1
Perfluoropentanoic acid	1.7	U	1.7	ng/L		09/09/20 07:18	09/10/20 17:26	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	83		29 - 189	09/09/20 07:18	09/10/20 17:26	1
M2-8:2 FTS	85		34 - 182	09/09/20 07:18	09/10/20 17:26	1
13C4 PFBA	85		41 - 132	09/09/20 07:18	09/10/20 17:26	1
13C5 PFPeA	89		33 - 155	09/09/20 07:18	09/10/20 17:26	1
13C8 PFOS	84		49 - 126	09/09/20 07:18	09/10/20 17:26	1
13C8 FOSA	76		10 - 143	09/09/20 07:18	09/10/20 17:26	1
13C3 PFHxS	79		32 - 145	09/09/20 07:18	09/10/20 17:26	1

Isotope Dilution Summary

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

Job ID: 410-13103-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)						
		M262FTS (29-189)	M282FTS (34-182)	PFBA (41-132)	PFPeA (33-155)	C8PFOS (49-126)	PFOSA (10-143)	C3PFHS (32-145)
410-13103-1	GAC Influent	86	87	88	93	86	67	94
410-13103-2	GAC Midfluent	83	79	87	83	81	77	81
410-13103-3	GAC Effluent	79	70	83	83	80	72	75
410-13103-4	PV-1 25	81	80	89	87	84	70	79
410-13103-5	PV-1 50	78	80	86	85	85	78	81
410-13103-6	PV-1 75	77	82	81	81	81	70	81
410-13103-7	PV-2 25	79	77	78	80	75	68	72
410-13103-8	PV-2-50	81	81	76	74	80	68	80
410-13103-9	PV-2 75	82	84	84	84	82	75	82
410-13103-10	FTB01-200903	86	88	93	90	86	77	85
410-13103-11	LTB01-200903	83	85	85	89	84	76	79
LCS 410-41943/2-A	Lab Control Sample	83	80	84	86	79	74	77
LCSD 410-41943/3-A	Lab Control Sample Dup	79	85	87	89	84	80	81
MB 410-41943/1-A	Method Blank	83	83	87	87	86	81	81

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: 410-13103-1

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

Lab Sample ID: MB 410-41943/1-A

Matrix: Water

Analysis Batch: 42531

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41943

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		09/09/20 07:18	09/10/20 14:59	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0	ng/L		09/09/20 07:18	09/10/20 14:59	1
Perfluorobutanoic acid	5.0	U	5.0	ng/L		09/09/20 07:18	09/10/20 14:59	1
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		09/09/20 07:18	09/10/20 14:59	1
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		09/09/20 07:18	09/10/20 14:59	1
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		09/09/20 07:18	09/10/20 14:59	1
Perfluoropentanoic acid	2.0	U	2.0	ng/L		09/09/20 07:18	09/10/20 14:59	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	83		29 - 189	09/09/20 07:18	09/10/20 14:59	1
M2-8:2 FTS	83		34 - 182	09/09/20 07:18	09/10/20 14:59	1
13C4 PFBA	87		41 - 132	09/09/20 07:18	09/10/20 14:59	1
13C5 PFPeA	87		33 - 155	09/09/20 07:18	09/10/20 14:59	1
13C8 PFOS	86		49 - 126	09/09/20 07:18	09/10/20 14:59	1
13C8 FOSA	81		10 - 143	09/09/20 07:18	09/10/20 14:59	1
13C3 PFHxS	81		32 - 145	09/09/20 07:18	09/10/20 14:59	1

Lab Sample ID: LCS 410-41943/2-A

Matrix: Water

Analysis Batch: 42531

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
6:2 Fluorotelomer sulfonic acid	24.3	26.8		ng/L		111	57 - 137
8:2 Fluorotelomer sulfonic acid	24.5	31.8		ng/L		130	56 - 140
Perfluorobutanoic acid	25.6	28.2		ng/L		110	62 - 156
Perfluorodecanesulfonic acid	24.7	27.2		ng/L		110	61 - 134
Perfluoroheptanesulfonic acid	24.4	27.0		ng/L		111	67 - 135
Perfluorooctanesulfonamide	25.6	28.0		ng/L		109	55 - 130
Perfluoropentanoic acid	25.6	26.1		ng/L		102	72 - 139

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	83		29 - 189
M2-8:2 FTS	80		34 - 182
13C4 PFBA	84		41 - 132
13C5 PFPeA	86		33 - 155
13C8 PFOS	79		49 - 126
13C8 FOSA	74		10 - 143
13C3 PFHxS	77		32 - 145

Lab Sample ID: LCSD 410-41943/3-A

Matrix: Water

Analysis Batch: 42531

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41943

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
6:2 Fluorotelomer sulfonic acid	24.3	28.7		ng/L		118	57 - 137	7	30
8:2 Fluorotelomer sulfonic acid	24.5	30.0		ng/L		123	56 - 140	6	30
Perfluorobutanoic acid	25.6	28.8		ng/L		113	62 - 156	2	30
Perfluorodecanesulfonic acid	24.7	29.0		ng/L		117	61 - 134	6	30
Perfluoroheptanesulfonic acid	24.4	26.4		ng/L		108	67 - 135	3	30

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

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

Job ID: 410-13103-1

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

Lab Sample ID: LCSD 410-41943/3-A

Matrix: Water

Analysis Batch: 42531

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41943

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonamide	25.6	29.0		ng/L		113	55 - 130	4	30
Perfluoropentanoic acid	25.6	26.7		ng/L		104	72 - 139	2	30

LCSD		LCSD	Limits
Isotope Dilution	%Recovery	Qualifier	
M2-6:2 FTS	79		29 - 189
M2-8:2 FTS	85		34 - 182
13C4 PFBA	87		41 - 132
13C5 PFPeA	89		33 - 155
13C8 PFOS	84		49 - 126
13C8 FOSA	80		10 - 143
13C3 PFHxS	81		32 - 145

QC Association Summary

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

Job ID: 410-13103-1

LCMS

Prep Batch: 41943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13103-1	GAC Influent	Total/NA	Water	537 (Mod)	
410-13103-2	GAC Midfluent	Total/NA	Water	537 (Mod)	
410-13103-3	GAC Effluent	Total/NA	Water	537 (Mod)	
410-13103-4	PV-1 25	Total/NA	Water	537 (Mod)	
410-13103-5	PV-1 50	Total/NA	Water	537 (Mod)	
410-13103-6	PV-1 75	Total/NA	Water	537 (Mod)	
410-13103-7	PV-2 25	Total/NA	Water	537 (Mod)	
410-13103-8	PV-2-50	Total/NA	Water	537 (Mod)	
410-13103-9	PV-2 75	Total/NA	Water	537 (Mod)	
410-13103-10	FTB01-200903	Total/NA	Water	537 (Mod)	
410-13103-11	LTB01-200903	Total/NA	Water	537 (Mod)	
MB 410-41943/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-41943/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-41943/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Analysis Batch: 42531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13103-1	GAC Influent	Total/NA	Water	537 (Mod)	41943
410-13103-2	GAC Midfluent	Total/NA	Water	537 (Mod)	41943
410-13103-3	GAC Effluent	Total/NA	Water	537 (Mod)	41943
410-13103-4	PV-1 25	Total/NA	Water	537 (Mod)	41943
410-13103-5	PV-1 50	Total/NA	Water	537 (Mod)	41943
410-13103-6	PV-1 75	Total/NA	Water	537 (Mod)	41943
410-13103-7	PV-2 25	Total/NA	Water	537 (Mod)	41943
410-13103-8	PV-2-50	Total/NA	Water	537 (Mod)	41943
410-13103-9	PV-2 75	Total/NA	Water	537 (Mod)	41943
410-13103-10	FTB01-200903	Total/NA	Water	537 (Mod)	41943
410-13103-11	LTB01-200903	Total/NA	Water	537 (Mod)	41943
MB 410-41943/1-A	Method Blank	Total/NA	Water	537 (Mod)	41943
LCS 410-41943/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	41943
LCSD 410-41943/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	41943

Lab Chronicle

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

Job ID: 410-13103-1

Client Sample ID: GAC Influent

Lab Sample ID: 410-13103-1

Date Collected: 09/03/20 09:35

Matrix: Water

Date Received: 09/04/20 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 15:38	OLN7	ELLE

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-13103-2

Date Collected: 09/03/20 09:42

Matrix: Water

Date Received: 09/04/20 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 15:48	OLN7	ELLE

Client Sample ID: GAC Effluent

Lab Sample ID: 410-13103-3

Date Collected: 09/03/20 09:45

Matrix: Water

Date Received: 09/04/20 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 15:57	OLN7	ELLE

Client Sample ID: PV-1 25

Lab Sample ID: 410-13103-4

Date Collected: 09/03/20 09:47

Matrix: Water

Date Received: 09/04/20 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 16:07	OLN7	ELLE

Client Sample ID: PV-1 50

Lab Sample ID: 410-13103-5

Date Collected: 09/03/20 09:50

Matrix: Water

Date Received: 09/04/20 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 16:17	OLN7	ELLE

Client Sample ID: PV-1 75

Lab Sample ID: 410-13103-6

Date Collected: 09/03/20 09:53

Matrix: Water

Date Received: 09/04/20 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 16:27	OLN7	ELLE

Lab Chronicle

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

Job ID: 410-13103-1

Client Sample ID: PV-2 25

Date Collected: 09/03/20 09:56

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 16:37	OLN7	ELLE

Client Sample ID: PV-2-50

Date Collected: 09/03/20 09:59

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 16:56	OLN7	ELLE

Client Sample ID: PV-2 75

Date Collected: 09/03/20 10:05

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 17:06	OLN7	ELLE

Client Sample ID: FTB01-200903

Date Collected: 09/03/20 10:10

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 17:16	OLN7	ELLE

Client Sample ID: LTB01-200903

Date Collected: 09/03/20 00:00

Date Received: 09/04/20 11:03

Lab Sample ID: 410-13103-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			41943	09/09/20 07:18	NF	ELLE
Total/NA	Analysis	537 (Mod)		1	42531	09/10/20 17:26	OLN7	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: 410-13103-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-21

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

Method Summary

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

Job ID: 410-13103-1

Method	Method Description	Protocol	Laboratory
537 (Mod)	EPA 537 Version 1.1 modified	EPA	ELLE
537 (Mod)	537 Version 1.1 modified	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

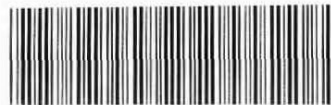
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

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

Job ID: 410-13103-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-13103-1	GAC Influent	Water	09/03/20 09:35	09/04/20 11:03	
410-13103-2	GAC Midfluent	Water	09/03/20 09:42	09/04/20 11:03	
410-13103-3	GAC Effluent	Water	09/03/20 09:45	09/04/20 11:03	
410-13103-4	PV-1 25	Water	09/03/20 09:47	09/04/20 11:03	
410-13103-5	PV-1 50	Water	09/03/20 09:50	09/04/20 11:03	
410-13103-6	PV-1 75	Water	09/03/20 09:53	09/04/20 11:03	
410-13103-7	PV-2 25	Water	09/03/20 09:56	09/04/20 11:03	
410-13103-8	PV-2-50	Water	09/03/20 09:59	09/04/20 11:03	
410-13103-9	PV-2 75	Water	09/03/20 10:05	09/04/20 11:03	
410-13103-10	FTB01-200903	Water	09/03/20 10:10	09/04/20 11:03	
410-13103-11	LTB01-200903	Water	09/03/20 00:00	09/04/20 11:03	



Acct. #: 37191

Group #:

410-13103 Chain of Custody

COC#: 20030

Client: C.T. Male Associates				Matrix		Analyses Requested												For Lab Use Only			
Project Name/#: Hoosick Falls WTP		Site ID:		<input type="checkbox"/>	<input type="checkbox"/>													Project# 41000511			
Project Manager: Kirk Moline		P.O. #: 14.4756		<input type="checkbox"/>	<input type="checkbox"/>													SCR#: 260925			
Sampler: C. Ormsby		Quote #: 219169		<input type="checkbox"/>	<input checked="" type="checkbox"/>													Preservation Codes			
Phone #: (518) 786-7400		For Compliance:		<input type="checkbox"/>	<input type="checkbox"/>													H = HCl T = Thiosulfate			
State where sample(s) were collected: NY		Yes <input type="checkbox"/> No <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>													N = HNO ₃ B = NaOH			
				<input type="checkbox"/>	<input type="checkbox"/>													S = H ₂ SO ₄ P = H ₃ PO ₄			
				<input type="checkbox"/>	<input type="checkbox"/>													O = Other Z = Trizma			
Collection		Grab		Composite														Remarks			
Sample Identification		Date		Time		Soil		Water		Other: Reagent Water		Total # of Containers		7 PFAS (EPA 537 mod.)		14 PFAS (EPA 537 ver. 1.1)					
GAC Influent		9/3/20		0935		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		8		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				PFAS QC Batch concern	
GAC Midfluent		0942		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
GAC Effluent		0945		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
PV-1 25		0947		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
PV-1 50		0950		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
PV-1 75		0953		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
PV-2 25		0956		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
PV-2 50		0959		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
PV-2 75		1005		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
FT801-200903		1010		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
LTR01-200903												4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
Turnaround Time Requested (TAT) (please check): Standard <input checked="" type="checkbox"/> RUSH <input type="checkbox"/>				Relinquished by: Christine Amey		Date: 9/3/20		Time: 1515		Received by:		Date:		Time:							
(RUSH TAT is subject to Eurofins Lancaster Laboratories approval and surcharges.)				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
Date results are needed:				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
E-mail address to send RUSH results: K.Moline@CTMale.com				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
Data Package Options (please check if required)				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
Type I (Validation/non-CLP) <input type="checkbox"/> MA MCP <input type="checkbox"/> TX TRRP - 13 <input type="checkbox"/>				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
Type III (Reduced non-CLP) <input type="checkbox"/> CT RCP <input type="checkbox"/>				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
Type IV (CLP SOW) <input type="checkbox"/> ASP Type A <input type="checkbox"/>				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
Type VI (Raw Data Only) <input type="checkbox"/> ASP Type B <input checked="" type="checkbox"/>				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
EDD Format: EquiS				Relinquished by:		Date:		Time:		Received by:		Date:		Time:							
If site-specific QC (MS/MSD/Dup) required, indicate QC samples and submit triplicate volume.				Airbill No.:		Relinquished by Commercial Carrier:		Temperature upon receipt: 0.9 °C													
				UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Other <input type="checkbox"/>																	

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-13103-1

Login Number: 13103

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.	N/A	