

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kirk Moline
CT Male Associates DPC
50 Century Hill Dr
Latham, New York 12110

Generated 6/20/2023 9:03:45 AM

JOB DESCRIPTION

Hoosick Falls WTP
SDG NUMBER HOO

JOB NUMBER

410-129018-1

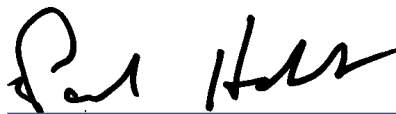
Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

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

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

Authorization



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Definitions/Glossary

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

Job ID: 410-129018-1
SDG: HOO

Qualifiers

LCMS

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
cn	Refer to Case Narrative for further detail
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

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

Job ID: 410-129018-1
SDG: HOO

Job ID: 410-129018-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative 410-129018-1

Receipt

The samples were received on 6/2/2023 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C

PFAS

Method PFC_IDA: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 200-192333.

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

Detection Summary

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: GAC INFLUENT

Lab Sample ID: 410-129018-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid	2.5		1.9	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid	11		1.7	ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	12		1.7	ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	3.4		1.7	ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	400		17	ng/L	10		537 DW	Total/NA

Client Sample ID: GAC MIDFLUENT

Lab Sample ID: 410-129018-2

No Detections.

Client Sample ID: GAC EFFLUENT

Lab Sample ID: 410-129018-3

No Detections.

Client Sample ID: PV-1_50

Lab Sample ID: 410-129018-4

No Detections.

Client Sample ID: PV-2_50

Lab Sample ID: 410-129018-5

No Detections.

Client Sample ID: FTB01-230601

Lab Sample ID: 410-129018-6

No Detections.

Client Sample ID: LTB01-230601

Lab Sample ID: 410-129018-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: GAC INFLUENT

Lab Sample ID: 410-129018-1

Date Collected: 06/01/23 10:25

Matrix: Water

Date Received: 06/02/23 10:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Lab: Eurofins Burlington

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.7	U	4.7	ng/L		06/09/23 13:40	06/09/23 20:52	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 20:52	1
Perfluorobutanoic acid	4.7	U	4.7	ng/L		06/09/23 13:40	06/09/23 20:52	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 20:52	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 20:52	1
Perfluorooctanesulfonamide	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 20:52	1
Perfluoropentanoic acid	2.5		1.9	ng/L		06/09/23 13:40	06/09/23 20:52	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	89		50 - 150			06/09/23 13:40	06/09/23 20:52	1
M2-8:2 FTS	86		50 - 150			06/09/23 13:40	06/09/23 20:52	1
13C4 PFBA	111		50 - 150			06/09/23 13:40	06/09/23 20:52	1
13C5 PFPeA	112		50 - 150			06/09/23 13:40	06/09/23 20:52	1
13C8 FOSA	81		50 - 150			06/09/23 13:40	06/09/23 20:52	1
13C4 PFOS	92		50 - 150			06/09/23 13:40	06/09/23 20:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	11		1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluoroheptanoic acid	12		1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorotetradecanoic acid	1.7	U *+ cn	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorooctanesulfonic acid	3.4		1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
NEtFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
NMeFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	93		70 - 130			06/09/23 17:55	06/15/23 12:44	1
13C2 PFDA	109		70 - 130			06/09/23 17:55	06/15/23 12:44	1
13C2 PFHxA	115		70 - 130			06/09/23 17:55	06/15/23 12:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	400		17	ng/L		06/09/23 17:55	06/17/23 06:38	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	93		70 - 130			06/09/23 17:55	06/17/23 06:38	10
13C2 PFDA	96		70 - 130			06/09/23 17:55	06/17/23 06:38	10
13C2 PFHxA	100		70 - 130			06/09/23 17:55	06/17/23 06:38	10

Client Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: GAC MIDFLUENT

Lab Sample ID: 410-129018-2

Date Collected: 06/01/23 10:30

Matrix: Water

Date Received: 06/02/23 10:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Lab: Eurofins Burlington

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.5	U	4.5	ng/L		06/09/23 13:40	06/09/23 21:00	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:00	1
Perfluorobutanoic acid	4.5	U	4.5	ng/L		06/09/23 13:40	06/09/23 21:00	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:00	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:00	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:00	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:00	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	95		50 - 150			06/09/23 13:40	06/09/23 21:00	1
M2-8:2 FTS	90		50 - 150			06/09/23 13:40	06/09/23 21:00	1
13C4 PFBA	108		50 - 150			06/09/23 13:40	06/09/23 21:00	1
13C5 PFPeA	113		50 - 150			06/09/23 13:40	06/09/23 21:00	1
13C8 FOSA	90		50 - 150			06/09/23 13:40	06/09/23 21:00	1
13C4 PFOS	93		50 - 150			06/09/23 13:40	06/09/23 21:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorotetradecanoic acid	1.7	U ** cn	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
NEtFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
NMeFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 12:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90		70 - 130			06/09/23 17:55	06/15/23 12:55	1
13C2 PFDA	93		70 - 130			06/09/23 17:55	06/15/23 12:55	1
13C2 PFHxA	98		70 - 130			06/09/23 17:55	06/15/23 12:55	1

Client Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: GAC EFFLUENT

Lab Sample ID: 410-129018-3

Date Collected: 06/01/23 10:35

Matrix: Water

Date Received: 06/02/23 10:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Lab: Eurofins Burlington

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.8	U	4.8	ng/L		06/09/23 13:40	06/09/23 21:09	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:09	1
Perfluorobutanoic acid	4.8	U	4.8	ng/L		06/09/23 13:40	06/09/23 21:09	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:09	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:09	1
Perfluorooctanesulfonamide	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:09	1
Perfluoropentanoic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:09	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	88		50 - 150			06/09/23 13:40	06/09/23 21:09	1
M2-8:2 FTS	83		50 - 150			06/09/23 13:40	06/09/23 21:09	1
13C4 PFBA	104		50 - 150			06/09/23 13:40	06/09/23 21:09	1
13C5 PFPeA	113		50 - 150			06/09/23 13:40	06/09/23 21:09	1
13C8 FOSA	83		50 - 150			06/09/23 13:40	06/09/23 21:09	1
13C4 PFOS	87		50 - 150			06/09/23 13:40	06/09/23 21:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorotetradecanoic acid	1.7	U ** cn	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
NEtFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
NMeFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	89		70 - 130			06/09/23 17:55	06/15/23 13:07	1
13C2 PFDA	92		70 - 130			06/09/23 17:55	06/15/23 13:07	1
13C2 PFHxA	98		70 - 130			06/09/23 17:55	06/15/23 13:07	1

Client Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: PV-1_50

Lab Sample ID: 410-129018-4

Date Collected: 06/01/23 10:40

Matrix: Water

Date Received: 06/02/23 10:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Lab: Eurofins Burlington

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.5	U	4.5	ng/L		06/09/23 13:40	06/09/23 21:17	1
8:2 Fluorotelomer sulfonic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:17	1
Perfluorobutanoic acid	4.5	U	4.5	ng/L		06/09/23 13:40	06/09/23 21:17	1
Perfluorodecanesulfonic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:17	1
Perfluoroheptanesulfonic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:17	1
Perfluorooctanesulfonamide	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:17	1
Perfluoropentanoic acid	1.8	U	1.8	ng/L		06/09/23 13:40	06/09/23 21:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	98		50 - 150	06/09/23 13:40	06/09/23 21:17	1
M2-8:2 FTS	90		50 - 150	06/09/23 13:40	06/09/23 21:17	1
13C4 PFBA	114		50 - 150	06/09/23 13:40	06/09/23 21:17	1
13C5 PFPeA	123		50 - 150	06/09/23 13:40	06/09/23 21:17	1
13C8 FOSA	92		50 - 150	06/09/23 13:40	06/09/23 21:17	1
13C4 PFOS	94		50 - 150	06/09/23 13:40	06/09/23 21:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorotetradecanoic acid	1.7	U *	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
NEtFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
NMeFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	89		70 - 130	06/09/23 17:55	06/15/23 13:19	1
13C2 PFDA	90		70 - 130	06/09/23 17:55	06/15/23 13:19	1
13C2 PFHxA	97		70 - 130	06/09/23 17:55	06/15/23 13:19	1

Client Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: PV-2_50

Lab Sample ID: 410-129018-5

Date Collected: 06/01/23 10:42

Matrix: Water

Date Received: 06/02/23 10:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Lab: Eurofins Burlington

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.8	U	4.8	ng/L		06/09/23 13:40	06/09/23 21:25	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:25	1
Perfluorobutanoic acid	4.8	U	4.8	ng/L		06/09/23 13:40	06/09/23 21:25	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:25	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:25	1
Perfluorooctanesulfonamide	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:25	1
Perfluoropentanoic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:25	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	94		50 - 150			06/09/23 13:40	06/09/23 21:25	1
M2-8:2 FTS	78		50 - 150			06/09/23 13:40	06/09/23 21:25	1
13C4 PFBA	108		50 - 150			06/09/23 13:40	06/09/23 21:25	1
13C5 PFPeA	116		50 - 150			06/09/23 13:40	06/09/23 21:25	1
13C8 FOSA	89		50 - 150			06/09/23 13:40	06/09/23 21:25	1
13C4 PFOS	85		50 - 150			06/09/23 13:40	06/09/23 21:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorotetradecanoic acid	1.7	U *	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
NEtFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
NMeFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	93		70 - 130			06/09/23 17:55	06/15/23 13:30	1
13C2 PFDA	93		70 - 130			06/09/23 17:55	06/15/23 13:30	1
13C2 PFHxA	96		70 - 130			06/09/23 17:55	06/15/23 13:30	1

Client Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: FTB01-230601

Lab Sample ID: 410-129018-6

Date Collected: 06/01/23 10:45

Matrix: Water

Date Received: 06/02/23 10:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Lab: Eurofins Burlington

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.8	U	4.8	ng/L		06/09/23 13:40	06/09/23 21:33	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:33	1
Perfluorobutanoic acid	4.8	U	4.8	ng/L		06/09/23 13:40	06/09/23 21:33	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:33	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:33	1
Perfluorooctanesulfonamide	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:33	1
Perfluoropentanoic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:33	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	93		50 - 150			06/09/23 13:40	06/09/23 21:33	1
M2-8:2 FTS	84		50 - 150			06/09/23 13:40	06/09/23 21:33	1
13C4 PFBA	105		50 - 150			06/09/23 13:40	06/09/23 21:33	1
13C5 PFPeA	107		50 - 150			06/09/23 13:40	06/09/23 21:33	1
13C8 FOSA	79		50 - 150			06/09/23 13:40	06/09/23 21:33	1
13C4 PFOS	88		50 - 150			06/09/23 13:40	06/09/23 21:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorotetradecanoic acid	1.7	U ** cn	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
NEtFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
NMeFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90		70 - 130			06/09/23 17:55	06/15/23 13:42	1
13C2 PFDA	89		70 - 130			06/09/23 17:55	06/15/23 13:42	1
13C2 PFHxA	100		70 - 130			06/09/23 17:55	06/15/23 13:42	1

Client Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: LTB01-230601

Lab Sample ID: 410-129018-7

Date Collected: 06/01/23 00:00

Matrix: Water

Date Received: 06/02/23 10:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Lab: Eurofins Burlington

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.7	U	4.7	ng/L		06/09/23 13:40	06/09/23 21:41	1
8:2 Fluorotelomer sulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:41	1
Perfluorobutanoic acid	4.7	U	4.7	ng/L		06/09/23 13:40	06/09/23 21:41	1
Perfluorodecanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:41	1
Perfluoroheptanesulfonic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:41	1
Perfluorooctanesulfonamide	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:41	1
Perfluoropentanoic acid	1.9	U	1.9	ng/L		06/09/23 13:40	06/09/23 21:41	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
M2-6:2 FTS	93		50 - 150			06/09/23 13:40	06/09/23 21:41	1
M2-8:2 FTS	81		50 - 150			06/09/23 13:40	06/09/23 21:41	1
13C4 PFBA	116		50 - 150			06/09/23 13:40	06/09/23 21:41	1
13C5 PFPeA	114		50 - 150			06/09/23 13:40	06/09/23 21:41	1
13C8 FOSA	83		50 - 150			06/09/23 13:40	06/09/23 21:41	1
13C4 PFOS	89		50 - 150			06/09/23 13:40	06/09/23 21:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluoroheptanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorooctanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorononanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorodecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorotridecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorotetradecanoic acid	1.7	U ** cn	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorobutanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorohexanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorooctanesulfonic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
NEtFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
NMeFOSAA	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluoroundecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Perfluorododecanoic acid	1.7	U	1.7	ng/L		06/09/23 17:55	06/15/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	99		70 - 130			06/09/23 17:55	06/15/23 13:53	1
13C2 PFDA	91		70 - 130			06/09/23 17:55	06/15/23 13:53	1
13C2 PFHxA	97		70 - 130			06/09/23 17:55	06/15/23 13:53	1

Surrogate Summary

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

Job ID: 410-129018-1
SDG: HOO

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-129018-1	GAC INFLUENT	93	109	115
410-129018-1 - DL	GAC INFLUENT	93	96	100
410-129018-2	GAC MIDFLUENT	90	93	98
410-129018-3	GAC EFFLUENT	89	92	98
410-129018-4	PV-1_50	89	90	97
410-129018-5	PV-2_50	93	93	96
410-129018-6	FTB01-230601	90	89	100
410-129018-7	LTB01-230601	99	91	97
LCS 410-385064/2-A	Lab Control Sample	98	96	101
LCSD 410-385064/3-A	Lab Control Sample Dup	92	99	103
MB 410-385064/1-A	Method Blank	91	93	97

Surrogate Legend

d5NEFOS = d5-NEtFOSAA

PFDA = 13C2 PFDA

PFHxA = 13C2 PFHxA

Isotope Dilution Summary

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

Job ID: 410-129018-1
SDG: HOO

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)					
		M262FTS (50-150)	M282FTS (50-150)	PFBA (50-150)	PFPeA (50-150)	PFOSA (50-150)	PFOS (50-150)
410-129018-1	GAC INFLUENT	89	86	111	112	81	92
410-129018-2	GAC MIDFLUENT	95	90	108	113	90	93
410-129018-3	GAC EFFLUENT	88	83	104	113	83	87
410-129018-4	PV-1_50	98	90	114	123	92	94
410-129018-5	PV-2_50	94	78	108	116	89	85
410-129018-6	FTB01-230601	93	84	105	107	79	88
410-129018-7	LTB01-230601	93	81	116	114	83	89
LCS 200-192333/2-A	Lab Control Sample	93	89	109	114	77	91
LCSD 200-192333/3-A	Lab Control Sample Dup	90	84	105	109	80	86
MB 200-192333/1-A	Method Blank	87	88	104	114	80	91

Surrogate Legend

M262FTS = M2-6:2 FTS

M282FTS = M2-8:2 FTS

PFBA = 13C4 PFBA

PFPeA = 13C5 PFPeA

PFOSA = 13C8 FOSA

PFOS = 13C4 PFOS

QC Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-192333/1-A

Matrix: Water

Analysis Batch: 192340

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 192333

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0	ng/L		06/09/23 13:40	06/09/23 20:28	1
8:2 Fluorotelomer sulfonic acid	2.0	U	2.0	ng/L		06/09/23 13:40	06/09/23 20:28	1
Perfluorobutanoic acid	5.0	U	5.0	ng/L		06/09/23 13:40	06/09/23 20:28	1
Perfluorodecanesulfonic acid	2.0	U	2.0	ng/L		06/09/23 13:40	06/09/23 20:28	1
Perfluoroheptanesulfonic acid	2.0	U	2.0	ng/L		06/09/23 13:40	06/09/23 20:28	1
Perfluorooctanesulfonamide	2.0	U	2.0	ng/L		06/09/23 13:40	06/09/23 20:28	1
Perfluoropentanoic acid	2.0	U	2.0	ng/L		06/09/23 13:40	06/09/23 20:28	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	87		50 - 150	06/09/23 13:40	06/09/23 20:28	1
M2-8:2 FTS	88		50 - 150	06/09/23 13:40	06/09/23 20:28	1
13C4 PFBA	104		50 - 150	06/09/23 13:40	06/09/23 20:28	1
13C5 PFPeA	114		50 - 150	06/09/23 13:40	06/09/23 20:28	1
13C8 FOSA	80		50 - 150	06/09/23 13:40	06/09/23 20:28	1
13C4 PFOS	91		50 - 150	06/09/23 13:40	06/09/23 20:28	1

Lab Sample ID: LCS 200-192333/2-A

Matrix: Water

Analysis Batch: 192340

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 192333

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
6:2 Fluorotelomer sulfonic acid	38.0	39.7		ng/L		104	60 - 140
8:2 Fluorotelomer sulfonic acid	38.4	40.6		ng/L		106	70 - 130
Perfluorobutanoic acid	40.0	42.2		ng/L		105	70 - 130
Perfluorodecanesulfonic acid	38.6	35.2		ng/L		91	70 - 130
Perfluoroheptanesulfonic acid	38.1	42.1		ng/L		111	70 - 130
Perfluorooctanesulfonamide	40.0	39.1		ng/L		98	70 - 130
Perfluoropentanoic acid	40.0	41.5		ng/L		104	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	93		50 - 150
M2-8:2 FTS	89		50 - 150
13C4 PFBA	109		50 - 150
13C5 PFPeA	114		50 - 150
13C8 FOSA	77		50 - 150
13C4 PFOS	91		50 - 150

Lab Sample ID: LCSD 200-192333/3-A

Matrix: Water

Analysis Batch: 192340

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 192333

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
6:2 Fluorotelomer sulfonic acid	38.0	39.0		ng/L		103	60 - 140	2	30
8:2 Fluorotelomer sulfonic acid	38.4	42.7		ng/L		111	70 - 130	5	30
Perfluorobutanoic acid	40.0	42.8		ng/L		107	70 - 130	1	30
Perfluorodecanesulfonic acid	38.6	37.5		ng/L		97	70 - 130	7	30
Perfluoroheptanesulfonic acid	38.1	43.9		ng/L		115	70 - 130	4	30
Perfluorooctanesulfonamide	40.0	38.7		ng/L		97	70 - 130	1	30
Perfluoropentanoic acid	40.0	42.0		ng/L		105	70 - 130	1	30

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

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

Job ID: 410-129018-1
SDG: HOO

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	90		50 - 150
M2-8:2 FTS	84		50 - 150
13C4 PFBA	105		50 - 150
13C5 PFPeA	109		50 - 150
13C8 FOSA	80		50 - 150
13C4 PFOS	86		50 - 150

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

Lab Sample ID: MB 410-385064/1-A
Matrix: Water
Analysis Batch: 387040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 385064

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Perfluorohexanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluoroheptanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorooctanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorononanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorodecanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorotridecanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorotetradecanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorobutanesulfonic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorohexanesulfonic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorooctanesulfonic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
NEtFOSAA	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
NMeFOSAA	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluoroundecanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1
Perfluorododecanoic acid	2.0	U	2.0	ng/L		06/09/23 17:55	06/15/23 11:57	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d5-NEtFOSAA	91		70 - 130	06/09/23 17:55	06/15/23 11:57	1
13C2 PFDA	93		70 - 130	06/09/23 17:55	06/15/23 11:57	1
13C2 PFHxA	97		70 - 130	06/09/23 17:55	06/15/23 11:57	1

Lab Sample ID: LCS 410-385064/2-A
Matrix: Water
Analysis Batch: 387040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 385064

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Perfluorohexanoic acid	20.5	22.0		ng/L		107	70 - 130
Perfluoroheptanoic acid	20.5	21.2		ng/L		103	70 - 130
Perfluorooctanoic acid	20.5	21.9		ng/L		107	70 - 130
Perfluorononanoic acid	20.5	20.8		ng/L		102	70 - 130
Perfluorodecanoic acid	20.5	21.8		ng/L		106	70 - 130
Perfluorotridecanoic acid	20.5	20.8		ng/L		101	70 - 130
Perfluorotetradecanoic acid	20.5	27.7	*+	ng/L		135	70 - 130
Perfluorobutanesulfonic acid	18.1	19.4		ng/L		107	70 - 130
Perfluorohexanesulfonic acid	18.7	19.3		ng/L		104	70 - 130
Perfluorooctanesulfonic acid	19.0	20.2		ng/L		106	70 - 130
NEtFOSAA	20.5	21.5		ng/L		105	70 - 130
NMeFOSAA	20.5	21.2		ng/L		104	70 - 130
Perfluoroundecanoic acid	20.5	21.8		ng/L		107	70 - 130

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

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

Job ID: 410-129018-1
SDG: HOO

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

Lab Sample ID: LCS 410-385064/2-A

Matrix: Water

Analysis Batch: 387040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 385064

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorododecanoic acid			20.5	21.3		ng/L		104	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
d5-NEtFOSAA	98		70 - 130								
13C2 PFDA	96		70 - 130								
13C2 PFHxA	101		70 - 130								

Lab Sample ID: LCSD 410-385064/3-A

Matrix: Water

Analysis Batch: 387040

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 385064

							Rep Data: 05/05/19		RPD		
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limits	Limit	
Perfluorohexanoic acid			20.5	22.6		ng/L		110	70 - 130	3	30
Perfluoroheptanoic acid			20.5	21.4		ng/L		105	70 - 130	1	30
Perfluorooctanoic acid			20.5	22.6		ng/L		110	70 - 130	3	30
Perfluorononanoic acid			20.5	23.1		ng/L		113	70 - 130	10	30
Perfluorodecanoic acid			20.5	22.3		ng/L		109	70 - 130	2	30
Perfluorotridecanoic acid			20.5	19.8		ng/L		97	70 - 130	5	30
Perfluorotetradecanoic acid			20.5	27.1	+	ng/L		132	70 - 130	2	30
Perfluorobutanesulfonic acid			18.1	19.5		ng/L		108	70 - 130	1	30
Perfluorohexanesulfonic acid			18.7	16.2		ng/L		87	70 - 130	18	30
Perfluorooctanesulfonic acid			19.0	19.9		ng/L		105	70 - 130	1	30
NEtFOSAA			20.5	20.5		ng/L		100	70 - 130	5	30
NMeFOSAA			20.5	21.3		ng/L		104	70 - 130	0	30
Perfluoroundecanoic acid			20.5	21.3		ng/L		104	70 - 130	2	30
Perfluorododecanoic acid			20.5	21.3		ng/L		104	70 - 130	0	30
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
d5-NEtFOSAA	92		70 - 130								
13C2 PFDA	99		70 - 130								
13C2 PFHxA	103		70 - 130								

QC Association Summary

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

Job ID: 410-129018-1
SDG: HOO

LCMS

Prep Batch: 192333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-129018-1	GAC INFLUENT	Total/NA	Water	3535	
410-129018-2	GAC MIDFLUENT	Total/NA	Water	3535	
410-129018-3	GAC EFFLUENT	Total/NA	Water	3535	
410-129018-4	PV-1_50	Total/NA	Water	3535	
410-129018-5	PV-2_50	Total/NA	Water	3535	
410-129018-6	FTB01-230601	Total/NA	Water	3535	
410-129018-7	LTB01-230601	Total/NA	Water	3535	
MB 200-192333/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-192333/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 200-192333/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 192340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-129018-1	GAC INFLUENT	Total/NA	Water	537 (modified)	192333
410-129018-2	GAC MIDFLUENT	Total/NA	Water	537 (modified)	192333
410-129018-3	GAC EFFLUENT	Total/NA	Water	537 (modified)	192333
410-129018-4	PV-1_50	Total/NA	Water	537 (modified)	192333
410-129018-5	PV-2_50	Total/NA	Water	537 (modified)	192333
410-129018-6	FTB01-230601	Total/NA	Water	537 (modified)	192333
410-129018-7	LTB01-230601	Total/NA	Water	537 (modified)	192333
MB 200-192333/1-A	Method Blank	Total/NA	Water	537 (modified)	192333
LCS 200-192333/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	192333
LCSD 200-192333/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	192333

Prep Batch: 385064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-129018-1	GAC INFLUENT	Total/NA	Water	537 DW	
410-129018-1 - DL	GAC INFLUENT	Total/NA	Water	537 DW	
410-129018-2	GAC MIDFLUENT	Total/NA	Water	537 DW	
410-129018-3	GAC EFFLUENT	Total/NA	Water	537 DW	
410-129018-4	PV-1_50	Total/NA	Water	537 DW	
410-129018-5	PV-2_50	Total/NA	Water	537 DW	
410-129018-6	FTB01-230601	Total/NA	Water	537 DW	
410-129018-7	LTB01-230601	Total/NA	Water	537 DW	
MB 410-385064/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-385064/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-385064/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 387040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-129018-1	GAC INFLUENT	Total/NA	Water	537 DW	385064
410-129018-2	GAC MIDFLUENT	Total/NA	Water	537 DW	385064
410-129018-3	GAC EFFLUENT	Total/NA	Water	537 DW	385064
410-129018-4	PV-1_50	Total/NA	Water	537 DW	385064
410-129018-5	PV-2_50	Total/NA	Water	537 DW	385064
410-129018-6	FTB01-230601	Total/NA	Water	537 DW	385064
410-129018-7	LTB01-230601	Total/NA	Water	537 DW	385064
MB 410-385064/1-A	Method Blank	Total/NA	Water	537 DW	385064
LCS 410-385064/2-A	Lab Control Sample	Total/NA	Water	537 DW	385064
LCSD 410-385064/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	385064

QC Association Summary

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

Job ID: 410-129018-1
SDG: HOO

LCMS

Analysis Batch: 387668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-129018-1 - DL	GAC INFLUENT	Total/NA	Water	537 DW	385064

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

Lab Chronicle

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: GAC INFLUENT

Lab Sample ID: 410-129018-1

Date Collected: 06/01/23 10:25

Matrix: Water

Date Received: 06/02/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			192333	KFW	EET BUR	06/09/23 13:40
Total/NA	Analysis	537 (modified)		1	192340	BWC	EET BUR	06/09/23 20:52
Total/NA	Prep	537 DW			385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW		1	387040	TAS6	ELLE	06/15/23 12:44
Total/NA	Prep	537 DW	DL		385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW	DL	10	387668	TAS6	ELLE	06/17/23 06:38

Client Sample ID: GAC MIDFLUENT

Lab Sample ID: 410-129018-2

Date Collected: 06/01/23 10:30

Matrix: Water

Date Received: 06/02/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			192333	KFW	EET BUR	06/09/23 13:40
Total/NA	Analysis	537 (modified)		1	192340	BWC	EET BUR	06/09/23 21:00
Total/NA	Prep	537 DW			385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW		1	387040	TAS6	ELLE	06/15/23 12:55

Client Sample ID: GAC EFFLUENT

Lab Sample ID: 410-129018-3

Date Collected: 06/01/23 10:35

Matrix: Water

Date Received: 06/02/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			192333	KFW	EET BUR	06/09/23 13:40
Total/NA	Analysis	537 (modified)		1	192340	BWC	EET BUR	06/09/23 21:09
Total/NA	Prep	537 DW			385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW		1	387040	TAS6	ELLE	06/15/23 13:07

Client Sample ID: PV-1_50

Lab Sample ID: 410-129018-4

Date Collected: 06/01/23 10:40

Matrix: Water

Date Received: 06/02/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			192333	KFW	EET BUR	06/09/23 13:40
Total/NA	Analysis	537 (modified)		1	192340	BWC	EET BUR	06/09/23 21:17
Total/NA	Prep	537 DW			385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW		1	387040	TAS6	ELLE	06/15/23 13:19

Client Sample ID: PV-2_50

Lab Sample ID: 410-129018-5

Date Collected: 06/01/23 10:42

Matrix: Water

Date Received: 06/02/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			192333	KFW	EET BUR	06/09/23 13:40
Total/NA	Analysis	537 (modified)		1	192340	BWC	EET BUR	06/09/23 21:25
Total/NA	Prep	537 DW			385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW		1	387040	TAS6	ELLE	06/15/23 13:30

Eurofins Lancaster Laboratories Environment Testing, LLC

Lab Chronicle

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

Job ID: 410-129018-1
SDG: HOO

Client Sample ID: FTB01-230601

Lab Sample ID: 410-129018-6

Date Collected: 06/01/23 10:45

Matrix: Water

Date Received: 06/02/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			192333	KFW	EET BUR	06/09/23 13:40
Total/NA	Analysis	537 (modified)		1	192340	BWC	EET BUR	06/09/23 21:33
Total/NA	Prep	537 DW			385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW		1	387040	TAS6	ELLE	06/15/23 13:42

Client Sample ID: LTB01-230601

Lab Sample ID: 410-129018-7

Date Collected: 06/01/23 00:00

Matrix: Water

Date Received: 06/02/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			192333	KFW	EET BUR	06/09/23 13:40
Total/NA	Analysis	537 (modified)		1	192340	BWC	EET BUR	06/09/23 21:41
Total/NA	Prep	537 DW			385064	WW2J	ELLE	06/09/23 17:55
Total/NA	Analysis	537 DW		1	387040	TAS6	ELLE	06/15/23 13:53

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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

Accreditation/Certification Summary

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

Job ID: 410-129018-1
SDG: HOO

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-24

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-18-24
Florida	NELAP	E87467	06-30-23
Minnesota	NELAP	050-999-436	12-31-23
New Hampshire	NELAP	2006	12-18-23
New Jersey	NELAP	VT972	06-30-23
New York	NELAP	10391	03-31-24
Pennsylvania	NELAP	68-00489	04-30-24
Rhode Island	State	LAO00298	12-31-24
US Fish & Wildlife	US Federal Programs	058448	07-31-23
USDA	US Federal Programs	P330-17-00272	10-30-23
Vermont	State	VT4000	02-10-24
Virginia	NELAP	460209	12-14-23
Wisconsin	State	399133350	08-31-23

Method Summary

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

Job ID: 410-129018-1
SDG: HOO

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET BUR
537 DW	Perfluorinated Alkyl Acids (LC/MS)	EPA	ELLE
3535	Solid-Phase Extraction (SPE)	SW846	EET BUR
537 DW	Extraction of Perfluorinated Alkyl Acids	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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

Sample Summary

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

Job ID: 410-129018-1
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-129018-1	GAC INFLUENT	Water	06/01/23 10:25	06/02/23 10:00
410-129018-2	GAC MIDFLUENT	Water	06/01/23 10:30	06/02/23 10:00
410-129018-3	GAC EFFLUENT	Water	06/01/23 10:35	06/02/23 10:00
410-129018-4	PV-1_50	Water	06/01/23 10:40	06/02/23 10:00
410-129018-5	PV-2_50	Water	06/01/23 10:42	06/02/23 10:00
410-129018-6	FTB01-230601	Water	06/01/23 10:45	06/02/23 10:00
410-129018-7	LTB01-230601	Water	06/01/23 00:00	06/02/23 10:00



Environme

Chain of Custody Record

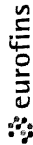
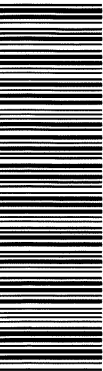
eurofins

Environment Testing

410-129018 Chain of Custody

Client Contact: Jonathan Dippert, Kirk Moline		Sampler: C. Omsby		Lab PM: Hobart, Paul		Camera Tracking No(s):		COC No: 410-77607-21525.2																										
Phone:		E-Mail: Paul.Hobart@et.eurofinsus.com		State of Origin: NY		Page: 2 of 2		Page: 1 of 1																										
Company: CT Male Associates DPC		PWSID:		Analysis Requested																														
Address: 50 Century Hill Dr		Due Date Requested:		<table border="1"><tr><td>Field Filtered Sample (Yes or No)</td><td>Perform MS/MSD (Yes or No)</td><td>PFAS Compounds</td><td>537_DW - 14 PFAS Drinking Water List</td><td>537_DW - 14 PFAS Drinking Water List</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS Compounds	537_DW - 14 PFAS Drinking Water List	537_DW - 14 PFAS Drinking Water List																				
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS Compounds	537_DW - 14 PFAS Drinking Water List							537_DW - 14 PFAS Drinking Water List																								
City: Latham		TAT Requested (days): Standards																																
State, Zip: NY, 12110		Compliance Project: ☐ Yes ☐ No																																
Phone:		PO #: Purchase Order not required																																
Email: j.dippert@ctmale.com		WO #:																																
Project Name: Hoosick Falls WTP		Project #: 41000511																																
Site:		SSOW#:																																
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Preservation Code:				Total Number of containers				Special Instructions/Note:																				
GAC INFLUENT		6/1/23	1030	G	Water	XX	N	Y	N							8 PFAS Batch at here																		
GAC MIDFLUENT			1030		Water																													
GAC EFFLUENT			1035		Water																													
PV-1-50			1040																															
PV-2-50			1042																															
FTB 01-230601			1045																															
LTB 01-230601			-																															
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months																								
Deliverable Requested I, II, III, IV, Other (specify)		ASP-B Eau 1 Ali				Special Instructions/QC Requirements																												
Empty Kit Relinquished by		Date		Time		Method of Shipment																												
Relinquished by: Chris Omsby		Date/Time: 6/1/23 1500		Company:		Received by:		Date/Time:		Company:																								
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																								
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																								
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		RAW: 0.7		CDV: 0.7																										

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler	Lab PM
Client Contact		Hobart, Paul	
Shipping/Receiving		E-Mail	
Company		Paul Hobart@et-eurofins.com	
Address		Accreditations Required (See note)	
City		NELAP - New York	
State, Zip			
Phone			
Email			
Project Name			
Site			
Due Date Requested:			
TAT Requested (days):			
PO #			
WG #			
Project #			
SSOW#			
Sample Date			
Sample Time			
Sample Type (C=Comp, G=grab)			
Matrix (W=water, S=solid, O=oil, W=water/oil)			
Preservation Code:			
Sample Identification - Client ID (Lab ID)			
GAC INFLUENT (410-129018-1)		6/1/23	10:25 Eastern
GAC MIDFLUENT (410-129018-2)		6/1/23	10:30 Eastern
GAC EFFLUENT (410-129018-3)		6/1/23	10:35 Eastern
PV-1_50 (410-129018-4)		6/1/23	10:40 Eastern
PV-2_50 (410-129018-5)		6/1/23	10:42 Eastern
FTB01-230601 (410-129018-6)		6/1/23	10:45 Eastern
LTB01-230601 (410-129018-7)		6/1/23	Eastern
Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Lancaster Laboratories Environment Testing, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, LLC.			
Possible Hazard Identification			
Unconfirmed			
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2	
Empty Kit Relinquished by:		Date:	Time:
Relinquished by: <i>Kristi Davis</i>		Date/Time: 6/7/23 1455	Company: ELLE
Relinquished by:		Date/Time:	Company:
Relinquished by:		Date/Time:	Company:
Custody Seals Intact:		Cooler Temperature(s) °C and Other Remarks:	
Δ Yes Δ No			

ORIGIN ID: LNSA (717) 856-2300
SHIPPING / RECEIVING
EUROFINSNSC LANCASTER LABS
2425 NEW HOLLAND PIKE

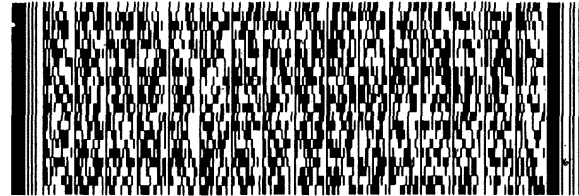
LANCASTER, PA 17601
UNITED STATES US

SHIP DATE: 07JUN23
ACTWGT: 37.85 LB
CAD: 614137/CAFE3707
DIMS: 25x15x14 IN

BILL SENDER

TO SHIPPING/RECEIVING
TESTAMERICA LABORATORIES, INC.
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
DEPT: 4031



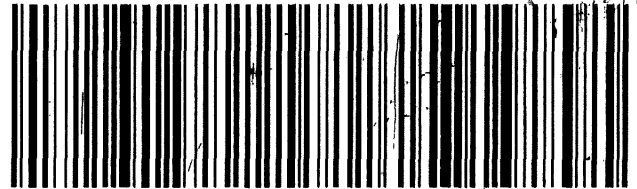
TRK# 6449 7732 8609
0201

THU - 08 JUN 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV

Part # 166148-434 MTW EXP 04/23



Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-129018-1

SDG Number: HOO

Login Number: 129018

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Reiff, Nicole L

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

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-129018-1

SDG Number: HOO

Login Number: 129018

List Number: 2

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List Source: Eurofins Burlington

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Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	True	
Cooler Temperature is recorded.	True	4.6°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	