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ANALYTICAL REPORT

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

Laboratory Job ID: 410-48443-2
Laboratory Sample Delivery Group: HOO
Client Project/Site: Hoosick Falls WTP

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

Attn: Mr. Kirk Moline

Authorized for release by:
8/3/2021 2:25:14 PM

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

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

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

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

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Paul Hobart
Project Manager
8/3/2021 2:25:14 PM

Table of Contents

Definitions/Glossary

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

Job ID: 410-48443-2
SDG: HOO

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.
¤	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

Job ID: 410-48443-2

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-48443-2

Receipt
The samples were received on 7/23/2021 10:49 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 0.6°C

PFAS
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: 410-48443-2
SDG: HOO

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-48443-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GAC Midfluent

Date Collected: 07/22/21 09:50
Date Received: 07/23/21 10:49

Lab Sample ID: 410-48443-4

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.1	U	4.1		ng/L		07/26/21 15:42	07/28/21 03:44	1
8:2 Fluorotelomer sulfonic acid	2.4	U	2.4		ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluorobutanoic acid	4.1	U	4.1		ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluorodecanesulfonic acid	1.6	U	1.6		ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluoroheptanesulfonic acid	1.6	U	1.6		ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluorooctanesulfonamide	1.6	U	1.6		ng/L		07/26/21 15:42	07/28/21 03:44	1
Perfluoropentanoic acid	1.6	U	1.6		ng/L		07/26/21 15:42	07/28/21 03:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*96*		*29 - 189*	*07/26/21 15:42*	*07/28/21 03:44*	*1*
M2-8:2 FTS	*92*		*34 - 182*	*07/26/21 15:42*	*07/28/21 03:44*	*1*
13C4 PFBA	*91*		*41 - 132*	*07/26/21 15:42*	*07/28/21 03:44*	*1*
13C5 PFPeA	*96*		*33 - 155*	*07/26/21 15:42*	*07/28/21 03:44*	*1*
13C8 PFOS	*91*		*49 - 126*	*07/26/21 15:42*	*07/28/21 03:44*	*1*
13C8 FOSA	*80*		*10 - 143*	*07/26/21 15:42*	*07/28/21 03:44*	*1*
13C3 PFHxS	*89*		*32 - 145*	*07/26/21 15:42*	*07/28/21 03:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluoroheptanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorooctanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorononanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorodecanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorotridecanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorotetradecanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorobutanesulfonic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorohexanesulfonic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorooctanesulfonic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
NEtFOSAA	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
NMeFOSAA	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluoroundecanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1
Perfluorododecanoic acid	1.6	U	1.6		ng/L		07/26/21 08:07	07/28/21 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*94*		*70 - 130*	*07/26/21 08:07*	*07/28/21 14:44*	*1*
13C2 PFDA	*85*		*70 - 130*	*07/26/21 08:07*	*07/28/21 14:44*	*1*
13C2 PFHxA	*82*		*70 - 130*	*07/26/21 08:07*	*07/28/21 14:44*	*1*

Surrogate Summary

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

Job ID: 410-48443-2
SDG: HOO

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		d5NEFOS	PFDA	PFHxA						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)						
410-48443-4	GAC Midfluent	94	85	82						
LCS 410-152582/2-A	Lab Control Sample	81	86	84						
LCSD 410-152582/3-A	Lab Control Sample Dup	83	86	79						
MB 410-152582/1-A	Method Blank	92	86	83						

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: 410-48443-2
SDG: HOO

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

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	M262FTS (29-189)	M282FTS (34-182)	PFBA (41-132)	PFPeA (33-155)	C8PFOS (49-126)	PFOSA (10-143)	C3PFHS (32-145)
410-48443-4	GAC Midfluent	96	92	91	96	91	80	89
LCS 410-152792/2-A	Lab Control Sample	97	92	90	91	91	78	93
LCSD 410-152792/3-A	Lab Control Sample Dup	101	101	95	95	98	79	99
MB 410-152792/1-A	Method Blank	84	84	80	80	84	70	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

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

Lab Sample ID: MB 410-152792/1-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 152792

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0		ng/L		07/26/21 15:42	07/28/21 02:38	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0		ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluorobutanoic acid	5.0	U	5.0		ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluorodecanesulfonic acid	2.0	U	2.0		ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluoroheptanesulfonic acid	2.0	U	2.0		ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluorooctanesulfonamide	2.0	U	2.0		ng/L		07/26/21 15:42	07/28/21 02:38	1
Perfluoropentanoic acid	2.0	U	2.0		ng/L		07/26/21 15:42	07/28/21 02:38	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*84*		*29 - 189*	*07/26/21 15:42*	*07/28/21 02:38*	*1*
M2-8:2 FTS	*84*		*34 - 182*	*07/26/21 15:42*	*07/28/21 02:38*	*1*
13C4 PFBA	*80*		*41 - 132*	*07/26/21 15:42*	*07/28/21 02:38*	*1*
13C5 PFPeA	*80*		*33 - 155*	*07/26/21 15:42*	*07/28/21 02:38*	*1*
13C8 PFOS	*84*		*49 - 126*	*07/26/21 15:42*	*07/28/21 02:38*	*1*
13C8 FOSA	*70*		*10 - 143*	*07/26/21 15:42*	*07/28/21 02:38*	*1*
13C3 PFHxS	*81*		*32 - 145*	*07/26/21 15:42*	*07/28/21 02:38*	*1*

Lab Sample ID: LCS 410-152792/2-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 152792

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
6:2 Fluorotelomer sulfonic acid			24.3	24.7		ng/L		102	57 - 137		
8:2 Fluorotelomer sulfonic acid			24.5	27.0		ng/L		110	56 - 140		
Perfluorobutanoic acid			25.6	27.3		ng/L		107	62 - 156		
Perfluorodecanesulfonic acid			24.7	24.4		ng/L		99	61 - 134		
Perfluoroheptanesulfonic acid			24.4	24.2		ng/L		99	67 - 135		
Perfluorooctanesulfonamide			25.6	27.9		ng/L		109	55 - 130		
Perfluoropentanoic acid			25.6	27.9		ng/L		109	72 - 139		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*97*		*29 - 189*
M2-8:2 FTS	*92*		*34 - 182*
13C4 PFBA	*90*		*41 - 132*
13C5 PFPeA	*91*		*33 - 155*
13C8 PFOS	*91*		*49 - 126*
13C8 FOSA	*78*		*10 - 143*
13C3 PFHxS	*93*		*32 - 145*

Lab Sample ID: LCSD 410-152792/3-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 152792

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
6:2 Fluorotelomer sulfonic acid			24.3	27.0		ng/L		111	57 - 137	9	30
8:2 Fluorotelomer sulfonic acid			24.5	26.6		ng/L		108	56 - 140	2	30
Perfluorobutanoic acid			25.6	28.1		ng/L		110	62 - 156	3	30
Perfluorodecanesulfonic acid			24.7	26.2		ng/L		106	61 - 134	7	30
Perfluoroheptanesulfonic acid			24.4	25.8		ng/L		106	67 - 135	6	30

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

Lab Sample ID: LCSD 410-152792/3-A
Matrix: Water
Analysis Batch: 153242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 152792

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonamide			25.6	30.1		ng/L		118	55 - 130	8	30
Perfluoropentanoic acid			25.6	28.0		ng/L		109	72 - 139	0	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
M2-6:2 FTS	*101*		*29 - 189*
M2-8:2 FTS	*101*		*34 - 182*
13C4 PFBA	*95*		*41 - 132*
13C5 PFPeA	*95*		*33 - 155*
13C8 PFOS	*98*		*49 - 126*
13C8 FOSA	*79*		*10 - 143*
13C3 PFHxS	*99*		*32 - 145*

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

Lab Sample ID: MB 410-152582/1-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 152582

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluoroheptanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorooctanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorononanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorodecanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorotridecanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorotetradecanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorobutanesulfonic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorohexanesulfonic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorooctanesulfonic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
NEtFOSAA	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
NMeFOSAA	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluoroundecanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1
Perfluorododecanoic acid	2.0	U	2.0		ng/L		07/26/21 08:07	07/27/21 23:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*92*		*70 - 130*	*07/26/21 08:07*	*07/27/21 23:33*	*1*
13C2 PFDA	*86*		*70 - 130*	*07/26/21 08:07*	*07/27/21 23:33*	*1*
13C2 PFHxA	*83*		*70 - 130*	*07/26/21 08:07*	*07/27/21 23:33*	*1*

Lab Sample ID: LCS 410-152582/2-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 152582

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorohexanoic acid			20.5	18.6		ng/L		91	70 - 130		
Perfluoroheptanoic acid			20.5	21.3		ng/L		104	70 - 130		
Perfluorooctanoic acid			20.5	21.4		ng/L		104	70 - 130		
Perfluorononanoic acid			20.5	19.9		ng/L		97	70 - 130		
Perfluorodecanoic acid			20.5	20.6		ng/L		101	70 - 130		

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

Lab Sample ID: LCS 410-152582/2-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 152582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorotridecanoic acid	20.5	19.1		ng/L		93	70 - 130
Perfluorotetradecanoic acid	20.5	19.7		ng/L		96	70 - 130
Perfluorobutanesulfonic acid	18.1	17.0		ng/L		94	70 - 130
Perfluorohexanesulfonic acid	18.7	21.0		ng/L		113	70 - 130
Perfluorooctanesulfonic acid	19.0	19.5		ng/L		103	70 - 130
NEtFOSAA	20.5	18.8		ng/L		92	70 - 130
NMeFOSAA	20.5	19.1		ng/L		93	70 - 130
Perfluoroundecanoic acid	20.5	19.7		ng/L		96	70 - 130
Perfluorododecanoic acid	20.5	19.3		ng/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*81*		*70 - 130*
13C2 PFDA	*86*		*70 - 130*
13C2 PFHxA	*84*		*70 - 130*

Lab Sample ID: LCSD 410-152582/3-A
Matrix: Water
Analysis Batch: 152967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 152582

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	20.5	19.7		ng/L		96	70 - 130	6	30
Perfluoroheptanoic acid	20.5	20.4		ng/L		100	70 - 130	4	30
Perfluorooctanoic acid	20.5	21.5		ng/L		105	70 - 130	1	30
Perfluorononanoic acid	20.5	20.1		ng/L		98	70 - 130	1	30
Perfluorodecanoic acid	20.5	21.0		ng/L		103	70 - 130	2	30
Perfluorotridecanoic acid	20.5	20.1		ng/L		98	70 - 130	5	30
Perfluorotetradecanoic acid	20.5	20.2		ng/L		99	70 - 130	3	30
Perfluorobutanesulfonic acid	18.1	17.6		ng/L		97	70 - 130	4	30
Perfluorohexanesulfonic acid	18.7	20.6		ng/L		110	70 - 130	2	30
Perfluorooctanesulfonic acid	19.0	20.0		ng/L		106	70 - 130	2	30
NEtFOSAA	20.5	20.1		ng/L		98	70 - 130	7	30
NMeFOSAA	20.5	20.0		ng/L		98	70 - 130	5	30
Perfluoroundecanoic acid	20.5	21.2		ng/L		103	70 - 130	7	30
Perfluorododecanoic acid	20.5	19.4		ng/L		95	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*83*		*70 - 130*
13C2 PFDA	*86*		*70 - 130*
13C2 PFHxA	*79*		*70 - 130*

QC Association Summary

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

Job ID: 410-48443-2
SDG: HOO

LCMS

Prep Batch: 152582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-4	GAC Midfluent	Total/NA	Water	537 DW	
MB 410-152582/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-152582/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-152582/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Prep Batch: 152792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-4	GAC Midfluent	Total/NA	Water	537 (Mod)	
MB 410-152792/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-152792/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-152792/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Analysis Batch: 152967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-152582/1-A	Method Blank	Total/NA	Water	537 DW	152582
LCS 410-152582/2-A	Lab Control Sample	Total/NA	Water	537 DW	152582
LCSD 410-152582/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	152582

Analysis Batch: 153242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-4	GAC Midfluent	Total/NA	Water	537 (Mod)	152792
MB 410-152792/1-A	Method Blank	Total/NA	Water	537 (Mod)	152792
LCS 410-152792/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	152792
LCSD 410-152792/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	152792

Analysis Batch: 153820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-48443-4	GAC Midfluent	Total/NA	Water	537 DW	152582

Lab Chronicle

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

Job ID: 410-48443-2
SDG: HOO

Client Sample ID: GAC Midfluent

Date Collected: 07/22/21 09:50
Date Received: 07/23/21 10:49

Lab Sample ID: 410-48443-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (Mod)			152792	07/26/21 15:42	QLP7	ELLE
Total/NA	Analysis	537 (Mod)		1	153242	07/28/21 03:44	PY4D	ELLE
Total/NA	Prep	537 DW			152582	07/26/21 08:07	RDL8	ELLE
Total/NA	Analysis	537 DW		1	153820	07/28/21 14:44	DCS9	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: 410-48443-2
SDG: HOO

Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
537 (Mod)	537 (Mod)	Water	6:2 Fluorotelomer sulfonic acid
537 (Mod)	537 (Mod)	Water	8:2 Fluorotelomer sulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluorobutanoic acid
537 (Mod)	537 (Mod)	Water	Perfluorodecanesulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluoroheptanesulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluorooctanesulfonamide
537 (Mod)	537 (Mod)	Water	Perfluoropentanoic acid
537 DW	537 DW	Water	NEtFOSAA
537 DW	537 DW	Water	NMeFOSAA
537 DW	537 DW	Water	Perfluorobutanesulfonic acid
537 DW	537 DW	Water	Perfluorodecanoic acid
537 DW	537 DW	Water	Perfluorododecanoic acid
537 DW	537 DW	Water	Perfluoroheptanoic acid
537 DW	537 DW	Water	Perfluorohexanesulfonic acid
537 DW	537 DW	Water	Perfluorohexanoic acid
537 DW	537 DW	Water	Perfluorononanoic acid
537 DW	537 DW	Water	Perfluorooctanesulfonic acid
537 DW	537 DW	Water	Perfluorooctanoic acid
537 DW	537 DW	Water	Perfluorotetradecanoic acid
537 DW	537 DW	Water	Perfluorotridecanoic acid
537 DW	537 DW	Water	Perfluoroundecanoic acid

Method Summary

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

Job ID: 410-48443-2
SDG: HOO

Method	Method Description	Protocol	Laboratory
537 (Mod)	EPA 537 Version 1.1 modified	EPA	ELLE
537 DW	Perfluorinated Alkyl Acids (LC/MS)	EPA	ELLE
537 (Mod)	537 Version 1.1 modified	EPA	ELLE
537 DW	Extraction of Perfluorinated Alkyl Acids	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

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

Job ID: 410-48443-2
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-48443-4	GAC Midfluent	Water	07/22/21 09:50	07/23/21 10:49

Environmental Analysis Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # ___

410-48443 Chain of Custody

For environmental use only

___

COC # 617247 1 of 1

Client Information

Client: C.T. Male Associates	Acct. #:
Project Name/#: Hoosick Falls WTP	PWSID #:
Project Manager: K. Moline	P.O. #: 14,4756
Sampler: D. King	Quote #:
State where samples were collected: NY	For Compliance: Yes ☐ No ☐

Matrix

Soil ☐ Sediment ☐ Tissue ☐ | Water: Potable ☐ Ground ☑ NPDES ☐ Surface ☐ | Other: Rinse Water

Analysis Requested

Preservation and Filtration Codes

Sample Identification	Collected Date	Collected Time	Grab	Composite	Total # of Containers	7 PFAS (EPA 537 mod)	14 PFAS (EPA 537.1)
FTB01-210722	7/22/21	~~0930~~	✓		4	✓	✓
FTB01-210722		0935	✓		4	✓	✓
GAC Influent		0945	✓		4	✓	✓
GAC Midfluent		0956	✓		4	✓	✓
PV-2 25		1000	✓		4	✓	✓
PV-2 50		1005	✓		4	✓	✓
PV-2 75		1010	✓		4	✓	✓

For Lab Use Only

FSC: ___

SCR#: ___

Preservation Codes

H=HCl	T=Thiosulfate
N=HNO_3	B=NaOH
S=H_2SO_4	P=H_3PO_4
F=Field Filtered	O=Other

Remarks

* RUSH THIS SAMPLE ONLY * ↔ 3-DAY TAT

Turnaround Time (TAT) Requested (please circle)

Standard * Rush *

(Rush TAT is subject to laboratory approval and surcharge.)

Requested TAT in business days: ↔ 3-Day GAC Midfluent only

E-mail address: K.moline@ctmale.com

Data Package Options (circle if required)

Type I (EPA Level 3 Equivalent/non-CLP)	Type VI (Raw Data Only)	
Type III (Reduced non-CLP)	NJ DKQP	TX TRRP-13
NYSDEC Category A or B	MA MCP	CT RCP

Relinquished by	Date	Time	Received by	Date	Time
1	7/22/21	1460			
~~Relinquished by~~	~~Date~~	~~Time~~	~~Received by~~	~~Date~~	~~Time~~

EDD Required? Yes No

If yes, format: EQuIS

Site-Specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate sample volume.)

Relinquished by Commercial Carrier: UPS ___ FedEx ✓ Other ___

Temperature upon receipt 0.6 °C

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-48443-2
SDG Number: HOO

Login Number: 48443
List Number: 1
Creator: Zeigler, Kristin M

List Source: Eurofins Lancaster Laboratories Env, LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	