

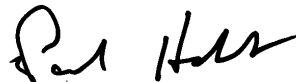
ANALYTICAL REPORT

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

Laboratory Job ID: 410-98184-1
Laboratory Sample Delivery Group: HOO
Client Project/Site: Hoosick Falls WTP

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

Attn: Mr. Kirk Moline



Authorized for release by:
9/30/2022 3:21:31 PM

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

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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



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

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

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

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

This report shall not be reproduced except in full, without the written approval of the laboratory.

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

Paul Hobart
Project Manager
9/30/2022 3:21:31 PM



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Definitions/Glossary

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

Job ID: 410-98184-1
SDG: HOO

Qualifiers

LCMS

| Qualifier | Qualifier Description |
|-----------|--|
| cn | Refer to Case Narrative for further detail |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

Glossary

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

Case Narrative

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

Job ID: 410-98184-1
SDG: HOO

Job ID: 410-98184-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-98184-1

Receipt

The samples were received on 9/16/2022 10:29 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 537_DW: The recovery for the following surrogate(s): d5-NEtFOSAA, 13C2 PFDA and 13C2 PFHxA in the following sample: GAC Effluent (410-98184-5) is outside of QC acceptance limits.

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: 410-98184-1
SDG: HOO

Client Sample ID: LTB01-220914

Lab Sample ID: 410-98184-1

No Detections.

Client Sample ID: FTB01-220914

Lab Sample ID: 410-98184-2

No Detections.

Client Sample ID: GAC Influent

Lab Sample ID: 410-98184-3

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------------|--------|-----------|-----|------|---------|---|-----------|-----------|
| Perfluorooctanesulfonamide | 3.8 | | 1.7 | ng/L | 1 | | 537 (Mod) | Total/NA |
| Perfluoropentanoic acid | 3.9 | | 1.7 | ng/L | 1 | | 537 (Mod) | 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 | 450 | | 17 | ng/L | 10 | | 537 DW | Total/NA |

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-98184-4

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|------|---------|---|-----------|-----------|
| Perfluorobutanoic acid | 6.3 | | 4.0 | ng/L | 1 | | 537 (Mod) | Total/NA |

Client Sample ID: GAC Effluent

Lab Sample ID: 410-98184-5

No Detections.

Client Sample ID: PV-2 25

Lab Sample ID: 410-98184-6

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|------|---------|---|-----------|-----------|
| Perfluorobutanoic acid | 6.9 | | 4.1 | ng/L | 1 | | 537 (Mod) | Total/NA |

Client Sample ID: PV-2 50

Lab Sample ID: 410-98184-7

No Detections.

Client Sample ID: PV-2 75

Lab Sample ID: 410-98184-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: LTB01-220914

Lab Sample ID: 410-98184-1

Date Collected: 09/14/22 00:00

Matrix: Water

Date Received: 09/16/22 10:29

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 | | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.6 | U | 2.6 | ng/L | | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| Perfluorobutanoic acid | 4.4 | U | 4.4 | ng/L | | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| Perfluorodecanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| Perfluoroheptanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| Perfluorooctanesulfonamide | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| Perfluoropentanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 09:49 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 101 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| M2-8:2 FTS | 92 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| 13C4 PFBA | 103 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| 13C5 PFPeA | 92 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| 13C8 PFOS | 100 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| 13C8 FOSA | 72 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 09:49 | 1 |
| 13C3 PFHxS | 99 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 09:49 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|--------|-----------|-----|------|---|----------------|----------------|---------|
| Perfluorohexanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluoroheptanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorooctanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorononanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorodecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorotridecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorotetradecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorobutanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorohexanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorooctanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| NEtFOSAA | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| NMeFOSAA | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluoroundecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| Perfluorododecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 10:49 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 95 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| 13C2 PFDA | 108 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:49 | 1 |
| 13C2 PFHxA | 105 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:49 | 1 |

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: FTB01-220914

Lab Sample ID: 410-98184-2

Date Collected: 09/14/22 14:30

Matrix: Water

Date Received: 09/16/22 10:29

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|--------|-----------|-----|------|---|----------------|----------------|---------|
| 6:2 Fluorotelomer sulfonic acid | 4.0 | U | 4.0 | ng/L | | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.4 | U | 2.4 | ng/L | | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| Perfluorobutanoic acid | 4.0 | U | 4.0 | ng/L | | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| Perfluorodecanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| Perfluoroheptanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| Perfluorooctanesulfonamide | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| Perfluoropentanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:00 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 108 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| M2-8:2 FTS | 103 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| 13C4 PFBA | 107 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| 13C5 PFPeA | 98 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| 13C8 PFOS | 109 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| 13C8 FOSA | 82 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 10:00 | 1 |
| 13C3 PFHxS | 98 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 10:00 | 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 | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluoroheptanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorooctanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorononanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorodecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorotridecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorotetradecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorobutanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorohexanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorooctanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| NEtFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| NMeFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluoroundecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| Perfluorododecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:00 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 104 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| 13C2 PFDA | 106 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:00 | 1 |
| 13C2 PFHxA | 103 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:00 | 1 |

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: GAC Influent

Lab Sample ID: 410-98184-3

Date Collected: 09/14/22 15:00

Matrix: Water

Date Received: 09/16/22 10:29

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------|-----------|-----|------|---|----------------|----------------|---------|
| 6:2 Fluorotelomer sulfonic acid | 4.2 | U | 4.2 | ng/L | | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.5 | U | 2.5 | ng/L | | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| Perfluorobutanoic acid | 4.2 | U | 4.2 | ng/L | | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| Perfluorodecanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| Perfluoroheptanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| Perfluorooctanesulfonamide | 3.8 | | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| Perfluoropentanoic acid | 3.9 | | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 10:11 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 104 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| M2-8:2 FTS | 107 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| 13C4 PFBA | 100 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| 13C5 PFPeA | 95 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| 13C8 PFOS | 103 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| 13C8 FOSA | 35 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 10:11 | 1 |
| 13C3 PFHxS | 115 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 10:11 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|------------|-----------|-----|------|---|----------------|----------------|---------|
| Perfluorohexanoic acid | 11 | | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluoroheptanoic acid | 12 | | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorononanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorodecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorotridecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorotetradecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorobutanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorohexanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorooctanesulfonic acid | 3.4 | | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| NEtFOSAA | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| NMeFOSAA | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluoroundecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| Perfluorododecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:12 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 77 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| 13C2 PFDA | 106 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:12 | 1 |
| 13C2 PFHxA | 124 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:12 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|----|------|---|----------------|----------------|---------|
| Perfluorooctanoic acid | 450 | | 17 | ng/L | | 09/20/22 10:02 | 09/25/22 14:37 | 10 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 86 | | 70 - 130 | 09/20/22 10:02 | 09/25/22 14:37 | 10 |
| 13C2 PFDA | 96 | | 70 - 130 | 09/20/22 10:02 | 09/25/22 14:37 | 10 |
| 13C2 PFHxA | 116 | | 70 - 130 | 09/20/22 10:02 | 09/25/22 14:37 | 10 |

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: GAC Midfluent

Lab Sample ID: 410-98184-4

Date Collected: 09/14/22 15:05

Matrix: Water

Date Received: 09/16/22 10:29

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|------------|-----------|-----|------|---|----------------|----------------|---------|
| 6:2 Fluorotelomer sulfonic acid | 4.0 | U | 4.0 | ng/L | | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.4 | U | 2.4 | ng/L | | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| Perfluorobutanoic acid | 6.3 | | 4.0 | ng/L | | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| Perfluorodecanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| Perfluoroheptanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| Perfluorooctanesulfonamide | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| Perfluoropentanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:22 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 103 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| M2-8:2 FTS | 96 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| 13C4 PFBA | 102 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| 13C5 PFPeA | 102 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| 13C8 PFOS | 108 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| 13C8 FOSA | 75 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 10:22 | 1 |
| 13C3 PFHxS | 98 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 10:22 | 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 | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluoroheptanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorooctanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorononanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorodecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorotridecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorotetradecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorobutanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorohexanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorooctanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| NEtFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| NMeFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluoroundecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| Perfluorododecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 96 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| 13C2 PFDA | 98 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:23 | 1 |
| 13C2 PFHxA | 108 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:23 | 1 |

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: GAC Effluent

Lab Sample ID: 410-98184-5

Date Collected: 09/14/22 15:10

Matrix: Water

Date Received: 09/16/22 10:29

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|--------|-----------|-----|------|---|----------------|----------------|---------|
| 6:2 Fluorotelomer sulfonic acid | 4.0 | U | 4.0 | ng/L | | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.4 | U | 2.4 | ng/L | | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| Perfluorobutanoic acid | 4.0 | U | 4.0 | ng/L | | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| Perfluorodecanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| Perfluoroheptanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| Perfluorooctanesulfonamide | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| Perfluoropentanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:44 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 102 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| M2-8:2 FTS | 105 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| 13C4 PFBA | 107 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| 13C5 PFPeA | 113 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| 13C8 PFOS | 106 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| 13C8 FOSA | 69 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 10:44 | 1 |
| 13C3 PFHxS | 98 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 10:44 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|--------|-----------|-----|------|---|----------------|----------------|---------|
| Perfluorohexanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluoroheptanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorooctanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorononanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorodecanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorotridecanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorotetradecanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorobutanesulfonic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorohexanesulfonic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorooctanesulfonic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| NEtFOSAA | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| NMeFOSAA | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluoroundecanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| Perfluorododecanoic acid | 1.6 | U cn | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:14 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 188 | S1+ cn | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| 13C2 PFDA | 221 | S1+ cn | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:14 | 1 |
| 13C2 PFHxA | 218 | S1+ cn | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:14 | 1 |

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: PV-2 25

Lab Sample ID: 410-98184-6

Date Collected: 09/14/22 15:20

Matrix: Water

Date Received: 09/16/22 10:29

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 | | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.5 | U | 2.5 | ng/L | | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| Perfluorobutanoic acid | 6.9 | | 4.1 | ng/L | | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| Perfluorodecanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| Perfluoroheptanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| Perfluorooctanesulfonamide | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| Perfluoropentanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 07:35 | 09/24/22 10:55 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 106 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| M2-8:2 FTS | 89 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| 13C4 PFBA | 105 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| 13C5 PFPeA | 93 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| 13C8 PFOS | 107 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| 13C8 FOSA | 78 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 10:55 | 1 |
| 13C3 PFHxS | 105 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 10:55 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|--------|-----------|-----|------|---|----------------|----------------|---------|
| Perfluorohexanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluoroheptanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorooctanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorononanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorodecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorotridecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorotetradecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorobutanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorohexanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorooctanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| NEtFOSAA | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| NMeFOSAA | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluoroundecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| Perfluorododecanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 10:02 | 09/26/22 11:35 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 92 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| 13C2 PFDA | 101 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:35 | 1 |
| 13C2 PFHxA | 106 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:35 | 1 |

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: PV-2 50

Lab Sample ID: 410-98184-7

Date Collected: 09/14/22 15:25

Matrix: Water

Date Received: 09/16/22 10:29

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|--------|-----------|-----|------|---|----------------|----------------|---------|
| 6:2 Fluorotelomer sulfonic acid | 4.2 | U | 4.2 | ng/L | | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.5 | U | 2.5 | ng/L | | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| Perfluorobutanoic acid | 4.2 | U | 4.2 | ng/L | | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| Perfluorodecanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| Perfluoroheptanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| Perfluorooctanesulfonamide | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| Perfluoropentanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 11:06 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 109 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| M2-8:2 FTS | 95 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| 13C4 PFBA | 105 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| 13C5 PFPeA | 101 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| 13C8 PFOS | 109 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| 13C8 FOSA | 54 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 11:06 | 1 |
| 13C3 PFHxS | 105 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 11:06 | 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 | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluoroheptanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorooctanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorononanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorodecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorotridecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorotetradecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorobutanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorohexanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorooctanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| NEtFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| NMeFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluoroundecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| Perfluorododecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 11:46 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 97 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| 13C2 PFDA | 104 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:46 | 1 |
| 13C2 PFHxA | 108 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 11:46 | 1 |

Client Sample Results

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: PV-2 75

Lab Sample ID: 410-98184-8

Date Collected: 09/14/22 15:30

Matrix: Water

Date Received: 09/16/22 10:29

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 | | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.5 | U | 2.5 | ng/L | | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| Perfluorobutanoic acid | 4.1 | U | 4.1 | ng/L | | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| Perfluorodecanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| Perfluoroheptanesulfonic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| Perfluorooctanesulfonamide | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| Perfluoropentanoic acid | 1.7 | U | 1.7 | ng/L | | 09/20/22 07:35 | 09/24/22 12:46 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| M2-6:2 FTS | 129 | | 17 - 200 | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| M2-8:2 FTS | 124 | | 33 - 200 | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| 13C4 PFBA | 130 | | 42 - 165 | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| 13C5 PFPeA | 116 | | 38 - 187 | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| 13C8 PFOS | 131 | | 51 - 159 | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| 13C8 FOSA | 102 | | 10 - 168 | 09/20/22 07:35 | 09/24/22 12:46 | 1 |
| 13C3 PFHxS | 131 | | 28 - 188 | 09/20/22 07:35 | 09/24/22 12:46 | 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 | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluoroheptanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorooctanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorononanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorodecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorotridecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorotetradecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorobutanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorohexanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorooctanesulfonic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| NEtFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| NMeFOSAA | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluoroundecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| Perfluorododecanoic acid | 1.6 | U | 1.6 | ng/L | | 09/20/22 10:02 | 09/26/22 10:26 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| d5-NEtFOSAA | 91 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| 13C2 PFDA | 103 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:26 | 1 |
| 13C2 PFHxA | 109 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 10:26 | 1 |

Surrogate Summary

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

Job ID: 410-98184-1
 SDG: HOO

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|---------------------|------------------------|--|------------------|-------------------|
| | | d5NEFOS (70-130) | PFDA (70-130) | PFHxA (70-130) |
| 410-98184-1 | LTB01-220914 | 95 | 108 | 105 |
| 410-98184-2 | FTB01-220914 | 104 | 106 | 103 |
| 410-98184-3 - DL | GAC Influent | 86 | 96 | 116 |
| 410-98184-3 | GAC Influent | 77 | 106 | 124 |
| 410-98184-4 | GAC Midfluent | 96 | 98 | 108 |
| 410-98184-5 | GAC Effluent | 188 S1+ | 221 S1+ | 218 S1+ |
| | | cn | cn | cn |
| 410-98184-6 | PV-2 25 | 92 | 101 | 106 |
| 410-98184-7 | PV-2 50 | 97 | 104 | 108 |
| 410-98184-8 | PV-2 75 | 91 | 103 | 109 |
| LCS 410-297719/2-A | Lab Control Sample | 91 | 106 | 109 |
| LCSD 410-297719/3-A | Lab Control Sample Dup | 88 | 99 | 101 |
| MB 410-297719/1-A | Method Blank | 94 | 108 | 100 |

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: 410-98184-1
 SDG: HOO

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

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | M262FTS | M282FTS | PFBA | PFPeA | C8PFOS | PFOSA | C3PFHS |
|---------------|------------------|----------|----------|----------|----------|----------|----------|----------|
| | | (17-200) | (33-200) | (42-165) | (38-187) | (51-159) | (10-168) | (28-188) |
| 410-98184-1 | LTB01-220914 | 101 | 92 | 103 | 92 | 100 | 72 | 99 |
| 410-98184-2 | FTB01-220914 | 108 | 103 | 107 | 98 | 109 | 82 | 98 |
| 410-98184-3 | GAC Influent | 104 | 107 | 100 | 95 | 103 | 35 | 115 |
| 410-98184-4 | GAC Midfluent | 103 | 96 | 102 | 102 | 108 | 75 | 98 |
| 410-98184-5 | GAC Effluent | 102 | 105 | 107 | 113 | 106 | 69 | 98 |
| 410-98184-6 | PV-2 25 | 106 | 89 | 105 | 93 | 107 | 78 | 105 |
| 410-98184-7 | PV-2 50 | 109 | 95 | 105 | 101 | 109 | 54 | 105 |
| 410-98184-8 | PV-2 75 | 129 | 124 | 130 | 116 | 131 | 102 | 131 |

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: 410-98184-1
SDG: HOO

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

Lab Sample ID: MB 410-297719/1-A
Matrix: Water
Analysis Batch: 299725

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 297719

| Analyte | MB | MB | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|--------|-----------|-----|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | |
| Perfluorohexanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluoroheptanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorooctanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorononanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorodecanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorotridecanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorotetradecanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorobutanesulfonic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorohexanesulfonic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorooctanesulfonic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| NEtFOSAA | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| NMeFOSAA | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluoroundecanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| Perfluorododecanoic acid | 2.0 | U | 2.0 | ng/L | | 09/20/22 10:02 | 09/26/22 09:28 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| d5-NEtFOSAA | 94 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| 13C2 PFDA | 108 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 09:28 | 1 |
| 13C2 PFHxA | 100 | | 70 - 130 | 09/20/22 10:02 | 09/26/22 09:28 | 1 |

Lab Sample ID: LCS 410-297719/2-A
Matrix: Water
Analysis Batch: 299725

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 297719

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|--------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Perfluorohexanoic acid | 20.5 | 21.1 | | ng/L | | 103 | 70 - 130 |
| Perfluoroheptanoic acid | 20.5 | 21.5 | | ng/L | | 105 | 70 - 130 |
| Perfluorooctanoic acid | 20.5 | 20.9 | | ng/L | | 102 | 70 - 130 |
| Perfluorononanoic acid | 20.5 | 21.3 | | ng/L | | 104 | 70 - 130 |
| Perfluorodecanoic acid | 20.5 | 20.6 | | ng/L | | 101 | 70 - 130 |
| Perfluorotridecanoic acid | 20.5 | 20.1 | | ng/L | | 98 | 70 - 130 |
| Perfluorotetradecanoic acid | 20.5 | 18.7 | | ng/L | | 91 | 70 - 130 |
| Perfluorobutanesulfonic acid | 18.1 | 16.8 | | ng/L | | 93 | 70 - 130 |
| Perfluorohexanesulfonic acid | 18.7 | 19.4 | | ng/L | | 104 | 70 - 130 |
| Perfluorooctanesulfonic acid | 19.0 | 18.5 | | ng/L | | 98 | 70 - 130 |
| NEtFOSAA | 20.5 | 17.6 | | ng/L | | 86 | 70 - 130 |
| NMeFOSAA | 20.5 | 20.2 | | ng/L | | 99 | 70 - 130 |
| Perfluoroundecanoic acid | 20.5 | 20.1 | | ng/L | | 98 | 70 - 130 |
| Perfluorododecanoic acid | 20.5 | 18.7 | | ng/L | | 91 | 70 - 130 |

| Surrogate | LCS | LCS | Limits |
|-------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| d5-NEtFOSAA | 91 | | 70 - 130 |
| 13C2 PFDA | 106 | | 70 - 130 |
| 13C2 PFHxA | 109 | | 70 - 130 |

QC Sample Results

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

Job ID: 410-98184-1
 SDG: HOO

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

Lab Sample ID: LCSD 410-297719/3-A
Matrix: Water
Analysis Batch: 299725

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 297719

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|----------|-----|-----|-------|
| | | | | | | | Limits | RPD | | |
| Perfluorohexanoic acid | 20.5 | 19.9 | | ng/L | | 97 | 70 - 130 | 6 | 30 | |
| Perfluoroheptanoic acid | 20.5 | 20.9 | | ng/L | | 102 | 70 - 130 | 3 | 30 | |
| Perfluorooctanoic acid | 20.5 | 21.1 | | ng/L | | 103 | 70 - 130 | 1 | 30 | |
| Perfluorononanoic acid | 20.5 | 20.1 | | ng/L | | 98 | 70 - 130 | 6 | 30 | |
| Perfluorodecanoic acid | 20.5 | 20.1 | | ng/L | | 98 | 70 - 130 | 3 | 30 | |
| Perfluorotridecanoic acid | 20.5 | 20.3 | | ng/L | | 99 | 70 - 130 | 1 | 30 | |
| Perfluorotetradecanoic acid | 20.5 | 18.8 | | ng/L | | 92 | 70 - 130 | 1 | 30 | |
| Perfluorobutanesulfonic acid | 18.1 | 16.4 | | ng/L | | 91 | 70 - 130 | 2 | 30 | |
| Perfluorohexanesulfonic acid | 18.7 | 20.5 | | ng/L | | 109 | 70 - 130 | 5 | 30 | |
| Perfluorooctanesulfonic acid | 19.0 | 19.6 | | ng/L | | 103 | 70 - 130 | 6 | 30 | |
| NEtFOSAA | 20.5 | 20.8 | | ng/L | | 102 | 70 - 130 | 17 | 30 | |
| NMeFOSAA | 20.5 | 19.4 | | ng/L | | 95 | 70 - 130 | 4 | 30 | |
| Perfluoroundecanoic acid | 20.5 | 20.0 | | ng/L | | 98 | 70 - 130 | 1 | 30 | |
| Perfluorododecanoic acid | 20.5 | 19.0 | | ng/L | | 93 | 70 - 130 | 2 | 30 | |

| Surrogate | LCSD | | Limits |
|-------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| d5-NEtFOSAA | 88 | | 70 - 130 |
| 13C2 PFDA | 99 | | 70 - 130 |
| 13C2 PFHxA | 101 | | 70 - 130 |

QC Association Summary

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

Job ID: 410-98184-1
SDG: HOO

LCMS

Prep Batch: 297623

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-----------|------------|
| 410-98184-1 | LTB01-220914 | Total/NA | Water | 537 (Mod) | |
| 410-98184-2 | FTB01-220914 | Total/NA | Water | 537 (Mod) | |
| 410-98184-3 | GAC Influent | Total/NA | Water | 537 (Mod) | |
| 410-98184-4 | GAC Midfluent | Total/NA | Water | 537 (Mod) | |
| 410-98184-5 | GAC Effluent | Total/NA | Water | 537 (Mod) | |
| 410-98184-6 | PV-2 25 | Total/NA | Water | 537 (Mod) | |
| 410-98184-7 | PV-2 50 | Total/NA | Water | 537 (Mod) | |
| 410-98184-8 | PV-2 75 | Total/NA | Water | 537 (Mod) | |

Prep Batch: 297719

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 410-98184-1 | LTB01-220914 | Total/NA | Water | 537 DW | |
| 410-98184-2 | FTB01-220914 | Total/NA | Water | 537 DW | |
| 410-98184-3 | GAC Influent | Total/NA | Water | 537 DW | |
| 410-98184-3 - DL | GAC Influent | Total/NA | Water | 537 DW | |
| 410-98184-4 | GAC Midfluent | Total/NA | Water | 537 DW | |
| 410-98184-5 | GAC Effluent | Total/NA | Water | 537 DW | |
| 410-98184-6 | PV-2 25 | Total/NA | Water | 537 DW | |
| 410-98184-7 | PV-2 50 | Total/NA | Water | 537 DW | |
| 410-98184-8 | PV-2 75 | Total/NA | Water | 537 DW | |
| MB 410-297719/1-A | Method Blank | Total/NA | Water | 537 DW | |
| LCS 410-297719/2-A | Lab Control Sample | Total/NA | Water | 537 DW | |
| LCSD 410-297719/3-A | Lab Control Sample Dup | Total/NA | Water | 537 DW | |

Analysis Batch: 299277

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-----------|------------|
| 410-98184-1 | LTB01-220914 | Total/NA | Water | 537 (Mod) | 297623 |
| 410-98184-2 | FTB01-220914 | Total/NA | Water | 537 (Mod) | 297623 |
| 410-98184-3 | GAC Influent | Total/NA | Water | 537 (Mod) | 297623 |
| 410-98184-4 | GAC Midfluent | Total/NA | Water | 537 (Mod) | 297623 |
| 410-98184-5 | GAC Effluent | Total/NA | Water | 537 (Mod) | 297623 |
| 410-98184-6 | PV-2 25 | Total/NA | Water | 537 (Mod) | 297623 |
| 410-98184-7 | PV-2 50 | Total/NA | Water | 537 (Mod) | 297623 |
| 410-98184-8 | PV-2 75 | Total/NA | Water | 537 (Mod) | 297623 |

Analysis Batch: 299498

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 410-98184-3 - DL | GAC Influent | Total/NA | Water | 537 DW | 297719 |

Analysis Batch: 299725

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-98184-1 | LTB01-220914 | Total/NA | Water | 537 DW | 297719 |
| 410-98184-2 | FTB01-220914 | Total/NA | Water | 537 DW | 297719 |
| 410-98184-3 | GAC Influent | Total/NA | Water | 537 DW | 297719 |
| 410-98184-4 | GAC Midfluent | Total/NA | Water | 537 DW | 297719 |
| 410-98184-5 | GAC Effluent | Total/NA | Water | 537 DW | 297719 |
| 410-98184-6 | PV-2 25 | Total/NA | Water | 537 DW | 297719 |
| 410-98184-7 | PV-2 50 | Total/NA | Water | 537 DW | 297719 |
| 410-98184-8 | PV-2 75 | Total/NA | Water | 537 DW | 297719 |
| MB 410-297719/1-A | Method Blank | Total/NA | Water | 537 DW | 297719 |
| LCS 410-297719/2-A | Lab Control Sample | Total/NA | Water | 537 DW | 297719 |

QC Association Summary

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

Job ID: 410-98184-1
SDG: HOO

LCMS (Continued)

Analysis Batch: 299725 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCSD 410-297719/3-A | Lab Control Sample Dup | Total/NA | Water | 537 DW | 297719 |

- 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: 410-98184-1
SDG: HOO

Client Sample ID: LTB01-220914
Date Collected: 09/14/22 00:00
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-1
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 09:49 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 10:49 |

Client Sample ID: FTB01-220914
Date Collected: 09/14/22 14:30
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-2
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 10:00 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 11:00 |

Client Sample ID: GAC Influent
Date Collected: 09/14/22 15:00
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-3
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 10:11 |
| Total/NA | Prep | 537 DW | DL | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | DL | 10 | 299498 | QD9Y | ELLE | 09/25/22 14:37 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 11:12 |

Client Sample ID: GAC Midfluent
Date Collected: 09/14/22 15:05
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-4
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 10:22 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 11:23 |

Client Sample ID: GAC Effluent
Date Collected: 09/14/22 15:10
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-5
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 10:44 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 10:14 |

Lab Chronicle

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

Job ID: 410-98184-1
SDG: HOO

Client Sample ID: PV-2 25
Date Collected: 09/14/22 15:20
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-6
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 10:55 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 11:35 |

Client Sample ID: PV-2 50
Date Collected: 09/14/22 15:25
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-7
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 11:06 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 11:46 |

Client Sample ID: PV-2 75
Date Collected: 09/14/22 15:30
Date Received: 09/16/22 10:29

Lab Sample ID: 410-98184-8
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA | Prep | 537 (Mod) | | | 297623 | RC3V | ELLE | 09/20/22 07:35 |
| Total/NA | Analysis | 537 (Mod) | | 1 | 299277 | DQV6 | ELLE | 09/24/22 12:46 |
| Total/NA | Prep | 537 DW | | | 297719 | HQ8B | ELLE | 09/20/22 10:02 |
| Total/NA | Analysis | 537 DW | | 1 | 299725 | DCS9 | ELLE | 09/26/22 10:26 |

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 410-98184-1
SDG: HOO

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| New York | NELAP | 10670 | 04-01-23 |

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: 410-98184-1
SDG: HOO

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories 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: 410-98184-1
SDG: HOO

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 410-98184-1 | LTB01-220914 | Water | 09/14/22 00:00 | 09/16/22 10:29 |
| 410-98184-2 | FTB01-220914 | Water | 09/14/22 14:30 | 09/16/22 10:29 |
| 410-98184-3 | GAC Influent | Water | 09/14/22 15:00 | 09/16/22 10:29 |
| 410-98184-4 | GAC Midfluent | Water | 09/14/22 15:05 | 09/16/22 10:29 |
| 410-98184-5 | GAC Effluent | Water | 09/14/22 15:10 | 09/16/22 10:29 |
| 410-98184-6 | PV-2 25 | Water | 09/14/22 15:20 | 09/16/22 10:29 |
| 410-98184-7 | PV-2 50 | Water | 09/14/22 15:25 | 09/16/22 10:29 |
| 410-98184-8 | PV-2 75 | Water | 09/14/22 15:30 | 09/16/22 10:29 |

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

Eur
2425
Lance
Phon



410-98184 Chain of Custody

Chain of Custody Record

| | | | | | | | | | | | |
|--|--|--|--------------------|---|--|--|-----------------------------------|------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Client: Client Contact: Daniel King Company: CT Male Associates DPC Address: 50 Century Hill Dr City: Latham State, Zip: NY, 12110 Phone: 518-786-7400 Email: d.king@ctmale.com Project Name: Hoosick Falls WTP Site: | | Sampler: Dan King Lab PM: Hobart, Paul Carrier Tracking No(s): COC No: E-Mail: Paul.Hobart@Eurofinset.com State of Origin: NY Page: Page 1 of 1 | | Analysis Requested Job #: | | | | | | | |
| Duo Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No | | PO #: 14 4756 WO #: | | Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - Trizma Other: | | | | | | | |
| Sample Identification | | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 7 PFAS (EPA 537 mod.) | 14 PFAS (EPA 537 ver. 1.1) | Total Number of containers | Special Instructions/Note: |
| Preservation Code: | | N Z | | N Z | | N Z | | N Z | | N Z | |
| LTB01-220914 | | 9/14/22 | — | G | RW | MN | ✓ | ✓ | ✓ | 4 | |
| FTB01-220914 | | | 1430 | | RW | | ✓ | ✓ | ✓ | 4 | |
| GAC Influent | | | 1500 | | DW | | ✓ | ✓ | ✓ | 4 | |
| GAC MidFluent | | | 1505 | | | | ✓ | ✓ | ✓ | 4 | |
| GAC Effluent | | | 1510 | | | | ✓ | ✓ | ✓ | 4 | |
| PV-Z ZS | | | 1520 | | | | ✓ | ✓ | ✓ | 4 | |
| PV-Z SO | | | 1525 | | | | ✓ | ✓ | ✓ | 4 | |
| PV-Z TS | | | 1530 | | | | ✓ | ✓ | ✓ | 4 | |
| Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological | | | | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | |
| Deliverable Requested: <input checked="" type="checkbox"/> III, <input type="checkbox"/> IV, Other (specify) EQUS | | | | | | Special Instructions/QC Requirements: | | | | | |
| Empty Kit Relinquished by: | | Date: | | Time: | | Method of Shipment: | | | | | |
| Relinquished by: <i>[Signature]</i> | | Date/Time: 9/15/22-0930 | | Company: <i>[Signature]</i> | | Received by: | | Date/Time: | | Company: | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | | Company: | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: <i>[Signature]</i> | | Date/Time: 9/16/22 10:25 | | Company: <i>[Signature]</i> | |
| Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | Custody Seal No.: | | Cooler Temperature(s) °C and Other Remarks: 0.7 | | | | | | | |



Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-98184-1

SDG Number: HOO

Login Number: 98184

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: McBeth, Jessica

| 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 | |