eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 8/22/2023 9:13:01 AM

## JOB DESCRIPTION

Hoosick Falls WTP
SDG NUMBER HOO

## JOB NUMBER

410-137604-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

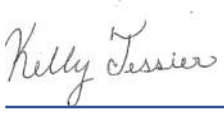
See page two for job notes and contact information.

## 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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8/22/2023 9:13:01 AM

Authorized for release by
Kelly Tessier, Project Manager
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(717)205-7820

## Compliance Statement

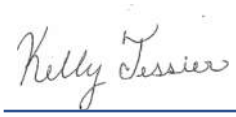
Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.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

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

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



WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



# Table of Contents

# Definitions/Glossary

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

Job ID: 410-137604-1
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 |
| 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: 410-137604-1

### Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

**Narrative**

**Job Narrative**
**410-137604-1**

**Receipt**
The samples were received on 8/4/2023 8:55 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 0.1°C

**PFAS**
Method PFC_IDA: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 200-194343.

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: 410-137604-1
SDG: HOO

## Client Sample ID: GAC Influent — Lab Sample ID: 410-137604-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Perfluoropentanoic acid | 3.1 | | 1.8 | | ng/L | 1 | | 537 (modified) | Total/NA |
| Perfluorohexanoic acid | 9.2 | | 1.8 | | ng/L | 1 | | 537 DW | Total/NA |
| Perfluoroheptanoic acid | 10 | | 1.8 | | ng/L | 1 | | 537 DW | Total/NA |
| Perfluorooctanesulfonic acid | 3.4 | | 1.8 | | ng/L | 1 | | 537 DW | Total/NA |
| Perfluorooctanoic acid - DL | 410 | | 18 | | ng/L | 10 | | 537 DW | Total/NA |

## Client Sample ID: GAC Midfluent — Lab Sample ID: 410-137604-2

No Detections.

## Client Sample ID: GAC Effluent — Lab Sample ID: 410-137604-3

No Detections.

## Client Sample ID: FTB01-230803 — Lab Sample ID: 410-137604-4

No Detections.

## Client Sample ID: LTB01-230803 — Lab Sample ID: 410-137604-5

No Detections.

This Detection Summary does not include radiochemical test results.

## Client Sample ID: GAC Influent

**Date Collected: 08/03/23 09:15**
**Date Received: 08/04/23 08:55**

## Lab Sample ID: 410-137604-1

**Matrix: Water**

### 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 | | 08/09/23 08:25 | 08/10/23 23:10 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:10 | 1 |
| Perfluorobutanoic acid | 4.5 | U | 4.5 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:10 | 1 |
| Perfluorodecanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:10 | 1 |
| Perfluoroheptanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:10 | 1 |
| Perfluorooctanesulfonamide | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:10 | 1 |
| **Perfluoropentanoic acid** | **3.1** | | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:10 | 1 |

| *Isotope Dilution* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *13C4 PFOS* | *108* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:10* | *1* |
| *M2-6:2 FTS* | *87* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:10* | *1* |
| *M2-8:2 FTS* | *90* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:10* | *1* |
| *13C4 PFBA* | *110* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:10* | *1* |
| *13C5 PFPeA* | *102* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:10* | *1* |
| *13C8 FOSA* | *86* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:10* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Perfluorohexanoic acid** | **9.2** | | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| **Perfluoroheptanoic acid** | **10** | | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluorononanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluorodecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluorotridecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluorotetradecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluorobutanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluorohexanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| **Perfluorooctanesulfonic acid** | **3.4** | | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| NEtFOSAA | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| NMeFOSAA | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluoroundecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |
| Perfluorododecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *d5-NEtFOSAA* | *100* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:36* | *1* |
| *13C2 PFDA* | *116* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:36* | *1* |
| *13C2 PFHxA* | *124* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:36* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Perfluorooctanoic acid** | **410** | | 18 | | ng/L | | 08/09/23 17:39 | 08/21/23 16:04 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *d5-NEtFOSAA* | *113* | | *70 - 130* | *08/09/23 17:39* | *08/21/23 16:04* | *10* |
| *13C2 PFDA* | *118* | | *70 - 130* | *08/09/23 17:39* | *08/21/23 16:04* | *10* |
| *13C2 PFHxA* | *125* | | *70 - 130* | *08/09/23 17:39* | *08/21/23 16:04* | *10* |

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

Job ID: 410-137604-1
SDG: HOO

**Client Sample ID: GAC Midfluent**
**Date Collected: 08/03/23 09:20**
**Date Received: 08/04/23 08:55**

**Lab Sample ID: 410-137604-2**
**Matrix: Water**

## 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 | 4.2 | U | 4.2 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:18 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:18 | 1 |
| Perfluorobutanoic acid | 4.2 | U | 4.2 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:18 | 1 |
| Perfluorodecanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:18 | 1 |
| Perfluoroheptanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:18 | 1 |
| Perfluorooctanesulfonamide | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:18 | 1 |
| Perfluoropentanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:18 | 1 |

| *Isotope Dilution* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *13C4 PFOS* | *104* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:18* | *1* |
| *M2-6:2 FTS* | *97* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:18* | *1* |
| *M2-8:2 FTS* | *90* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:18* | *1* |
| *13C4 PFBA* | *119* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:18* | *1* |
| *13C5 PFPeA* | *112* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:18* | *1* |
| *13C8 FOSA* | *98* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:18* | *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 | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluoroheptanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorooctanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorononanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorodecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorotridecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorotetradecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorobutanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorohexanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorooctanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| NEtFOSAA | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| NMeFOSAA | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluoroundecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |
| Perfluorododecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *d5-NEtFOSAA* | *115* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:47* | *1* |
| *13C2 PFDA* | *103* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:47* | *1* |
| *13C2 PFHxA* | *111* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:47* | *1* |

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

Job ID: 410-137604-1
SDG: HOO

**Client Sample ID: GAC Effluent**
**Date Collected: 08/03/23 09:23**
**Date Received: 08/04/23 08:55**

**Lab Sample ID: 410-137604-3**
**Matrix: Water**

## 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 | 4.2 | U | 4.2 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:26 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:26 | 1 |
| Perfluorobutanoic acid | 4.2 | U | 4.2 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:26 | 1 |
| Perfluorodecanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:26 | 1 |
| Perfluoroheptanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:26 | 1 |
| Perfluorooctanesulfonamide | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:26 | 1 |
| Perfluoropentanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:26 | 1 |

| *Isotope Dilution* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *13C4 PFOS* | *106* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:26* | *1* |
| *M2-6:2 FTS* | *92* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:26* | *1* |
| *M2-8:2 FTS* | *92* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:26* | *1* |
| *13C4 PFBA* | *118* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:26* | *1* |
| *13C5 PFPeA* | *107* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:26* | *1* |
| *13C8 FOSA* | *97* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:26* | *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 | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluoroheptanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorooctanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorononanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorodecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorotridecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorotetradecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorobutanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorohexanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorooctanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| NEtFOSAA | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| NMeFOSAA | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluoroundecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |
| Perfluorododecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 15:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *d5-NEtFOSAA* | *101* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:59* | *1* |
| *13C2 PFDA* | *108* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:59* | *1* |
| *13C2 PFHxA* | *114* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 15:59* | *1* |

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

Job ID: 410-137604-1
SDG: HOO

**Client Sample ID: FTB01-230803**
**Date Collected: 08/03/23 09:25**
**Date Received: 08/04/23 08:55**

**Lab Sample ID: 410-137604-4**
**Matrix: Water**

## 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 | | 08/09/23 08:25 | 08/10/23 23:35 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:35 | 1 |
| Perfluorobutanoic acid | 4.5 | U | 4.5 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:35 | 1 |
| Perfluorodecanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:35 | 1 |
| Perfluoroheptanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:35 | 1 |
| Perfluorooctanesulfonamide | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:35 | 1 |
| Perfluoropentanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:35 | 1 |

| *Isotope Dilution* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *13C4 PFOS* | *112* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:35* | *1* |
| *M2-6:2 FTS* | *96* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:35* | *1* |
| *M2-8:2 FTS* | *96* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:35* | *1* |
| *13C4 PFBA* | *119* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:35* | *1* |
| *13C5 PFPeA* | *109* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:35* | *1* |
| *13C8 FOSA* | *89* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:35* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorohexanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluoroheptanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorooctanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorononanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorodecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorotridecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorotetradecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorobutanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorohexanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorooctanesulfonic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| NEtFOSAA | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| NMeFOSAA | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluoroundecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |
| Perfluorododecanoic acid | 1.8 | U | 1.8 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *d5-NEtFOSAA* | *98* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 16:10* | *1* |
| *13C2 PFDA* | *107* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 16:10* | *1* |
| *13C2 PFHxA* | *113* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 16:10* | *1* |

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

Job ID: 410-137604-1
SDG: HOO

**Client Sample ID: LTB01-230803**
**Date Collected: 08/03/23 00:00**
**Date Received: 08/04/23 08:55**

**Lab Sample ID: 410-137604-5**
**Matrix: Water**

## 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 | 4.2 | U | 4.2 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:43 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:43 | 1 |
| Perfluorobutanoic acid | 4.2 | U | 4.2 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:43 | 1 |
| Perfluorodecanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:43 | 1 |
| Perfluoroheptanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:43 | 1 |
| Perfluorooctanesulfonamide | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:43 | 1 |
| Perfluoropentanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 08:25 | 08/10/23 23:43 | 1 |

| *Isotope Dilution* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *13C4 PFOS* | *111* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:43* | *1* |
| *M2-6:2 FTS* | *100* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:43* | *1* |
| *M2-8:2 FTS* | *97* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:43* | *1* |
| *13C4 PFBA* | *121* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:43* | *1* |
| *13C5 PFPeA* | *113* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:43* | *1* |
| *13C8 FOSA* | *87* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 23:43* | *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 | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluoroheptanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorooctanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorononanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorodecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorotridecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorotetradecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorobutanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorohexanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorooctanesulfonic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| NEtFOSAA | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| NMeFOSAA | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluoroundecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |
| Perfluorododecanoic acid | 1.7 | U | 1.7 | | ng/L | | 08/09/23 17:39 | 08/17/23 16:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *d5-NEtFOSAA* | *101* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 16:22* | *1* |
| *13C2 PFDA* | *113* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 16:22* | *1* |
| *13C2 PFHxA* | *113* | | *70 - 130* | *08/09/23 17:39* | *08/17/23 16:22* | *1* |

# Surrogate Summary

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

Job ID: 410-137604-1
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) |
| 410-137604-1 | GAC Influent | 100 | 116 | 124 |
| 410-137604-1 - DL | GAC Influent | 113 | 118 | 125 |
| 410-137604-2 | GAC Midfluent | 115 | 103 | 111 |
| 410-137604-3 | GAC Effluent | 101 | 108 | 114 |
| 410-137604-4 | FTB01-230803 | 98 | 107 | 113 |
| 410-137604-5 | LTB01-230803 | 101 | 113 | 113 |
| LCS 410-406450/2-A | Lab Control Sample | 98 | 111 | 113 |
| LCSD 410-406450/3-A | Lab Control Sample Dup | 107 | 109 | 111 |
| MB 410-406450/1-A | Method Blank | 110 | 111 | 110 |

**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: 410-137604-1
SDG: HOO

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

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

| | | Percent Isotope Dilution Recovery (Acceptance Limits) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | PFOS (50-150) | M262FTS (50-150) | M282FTS (50-150) | PFBA (50-150) | PFPeA (50-150) | PFOSA (50-150) | | |
| 410-137604-1 | GAC Influent | 108 | 87 | 90 | 110 | 102 | 86 | | |
| 410-137604-2 | GAC Midfluent | 104 | 97 | 90 | 119 | 112 | 98 | | |
| 410-137604-3 | GAC Effluent | 106 | 92 | 92 | 118 | 107 | 97 | | |
| 410-137604-4 | FTB01-230803 | 112 | 96 | 96 | 119 | 109 | 89 | | |
| 410-137604-5 | LTB01-230803 | 111 | 100 | 97 | 121 | 113 | 87 | | |
| LCS 200-194343/2-A | Lab Control Sample | 111 | 104 | 95 | 122 | 112 | 94 | | |
| LCSD 200-194343/3-A | Lab Control Sample Dup | 102 | 98 | 89 | 119 | 111 | 91 | | |
| MB 200-194343/1-A | Method Blank | 109 | 96 | 98 | 111 | 107 | 96 | | |

**Surrogate Legend**

PFOS = 13C4 PFOS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFOSA = 13C8 FOSA

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

**Lab Sample ID: MB 200-194343/1-A**
**Matrix: Water**
**Analysis Batch: 194403**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 194343**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 6:2 Fluorotelomer sulfonic acid | 5.0 | U | 5.0 | | ng/L | | 08/09/23 08:25 | 08/10/23 21:16 | 1 |
| 8:2 Fluorotelomer sulfonic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 08:25 | 08/10/23 21:16 | 1 |
| Perfluorobutanoic acid | 5.0 | U | 5.0 | | ng/L | | 08/09/23 08:25 | 08/10/23 21:16 | 1 |
| Perfluorodecanesulfonic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 08:25 | 08/10/23 21:16 | 1 |
| Perfluoroheptanesulfonic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 08:25 | 08/10/23 21:16 | 1 |
| Perfluorooctanesulfonamide | 2.0 | U | 2.0 | | ng/L | | 08/09/23 08:25 | 08/10/23 21:16 | 1 |
| Perfluoropentanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 08:25 | 08/10/23 21:16 | 1 |

| *Isotope Dilution* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *13C4 PFOS* | *109* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 21:16* | *1* |
| *M2-6:2 FTS* | *96* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 21:16* | *1* |
| *M2-8:2 FTS* | *98* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 21:16* | *1* |
| *13C4 PFBA* | *111* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 21:16* | *1* |
| *13C5 PFPeA* | *107* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 21:16* | *1* |
| *13C8 FOSA* | *96* | | *50 - 150* | *08/09/23 08:25* | *08/10/23 21:16* | *1* |

**Lab Sample ID: LCS 200-194343/2-A**
**Matrix: Water**
**Analysis Batch: 194403**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 194343**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6:2 Fluorotelomer sulfonic acid | | | 38.0 | 39.4 | | ng/L | | 103 | 60 - 140 | | |
| 8:2 Fluorotelomer sulfonic acid | | | 38.4 | 38.5 | | ng/L | | 100 | 70 - 130 | | |
| Perfluorobutanoic acid | | | 40.0 | 37.6 | | ng/L | | 94 | 70 - 130 | | |
| Perfluorodecanesulfonic acid | | | 38.6 | 31.5 | | ng/L | | 81 | 70 - 130 | | |
| Perfluoroheptanesulfonic acid | | | 38.1 | 36.7 | | ng/L | | 96 | 70 - 130 | | |
| Perfluorooctanesulfonamide | | | 40.0 | 38.9 | | ng/L | | 97 | 70 - 130 | | |
| Perfluoropentanoic acid | | | 40.0 | 37.8 | | ng/L | | 95 | 70 - 130 | | |

| *Isotope Dilution* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *13C4 PFOS* | *111* | | *50 - 150* |
| *M2-6:2 FTS* | *104* | | *50 - 150* |
| *M2-8:2 FTS* | *95* | | *50 - 150* |
| *13C4 PFBA* | *122* | | *50 - 150* |
| *13C5 PFPeA* | *112* | | *50 - 150* |
| *13C8 FOSA* | *94* | | *50 - 150* |

**Lab Sample ID: LCSD 200-194343/3-A**
**Matrix: Water**
**Analysis Batch: 194403**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 194343**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6:2 Fluorotelomer sulfonic acid | | | 38.0 | 41.6 | | ng/L | | 109 | 60 - 140 | 5 | 30 |
| 8:2 Fluorotelomer sulfonic acid | | | 38.4 | 40.5 | | ng/L | | 105 | 70 - 130 | 5 | 30 |
| Perfluorobutanoic acid | | | 40.0 | 39.4 | | ng/L | | 98 | 70 - 130 | 5 | 30 |
| Perfluorodecanesulfonic acid | | | 38.6 | 33.7 | | ng/L | | 87 | 70 - 130 | 7 | 30 |
| Perfluoroheptanesulfonic acid | | | 38.1 | 39.5 | | ng/L | | 104 | 70 - 130 | 7 | 30 |
| Perfluorooctanesulfonamide | | | 40.0 | 38.6 | | ng/L | | 97 | 70 - 130 | 1 | 30 |
| Perfluoropentanoic acid | | | 40.0 | 39.2 | | ng/L | | 98 | 70 - 130 | 4 | 30 |

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

| Isotope Dilution | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 13C4 PFOS | 102 | | 50 - 150 |
| M2-6:2 FTS | 98 | | 50 - 150 |
| M2-8:2 FTS | 89 | | 50 - 150 |
| 13C4 PFBA | 119 | | 50 - 150 |
| 13C5 PFPeA | 111 | | 50 - 150 |
| 13C8 FOSA | 91 | | 50 - 150 |

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

**Lab Sample ID: MB 410-406450/1-A**
**Matrix: Water**
**Analysis Batch: 409524**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 406450**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorohexanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluoroheptanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorooctanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorononanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorodecanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorotridecanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorotetradecanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorobutanesulfonic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorohexanesulfonic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorooctanesulfonic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| NEtFOSAA | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| NMeFOSAA | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluoroundecanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| Perfluorododecanoic acid | 2.0 | U | 2.0 | | ng/L | | 08/09/23 17:39 | 08/17/23 14:49 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| d5-NEtFOSAA | 110 | | 70 - 130 | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| 13C2 PFDA | 111 | | 70 - 130 | 08/09/23 17:39 | 08/17/23 14:49 | 1 |
| 13C2 PFHxA | 110 | | 70 - 130 | 08/09/23 17:39 | 08/17/23 14:49 | 1 |

**Lab Sample ID: LCS 410-406450/2-A**
**Matrix: Water**
**Analysis Batch: 409524**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 406450**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Perfluorohexanoic acid | | | 20.5 | 19.8 | | ng/L | | 97 | 70 - 130 | | |
| Perfluoroheptanoic acid | | | 20.5 | 19.5 | | ng/L | | 95 | 70 - 130 | | |
| Perfluorooctanoic acid | | | 20.5 | 19.6 | | ng/L | | 96 | 70 - 130 | | |
| Perfluorononanoic acid | | | 20.5 | 19.2 | | ng/L | | 94 | 70 - 130 | | |
| Perfluorodecanoic acid | | | 20.5 | 18.9 | | ng/L | | 92 | 70 - 130 | | |
| Perfluorotridecanoic acid | | | 20.5 | 18.5 | | ng/L | | 90 | 70 - 130 | | |
| Perfluorotetradecanoic acid | | | 20.5 | 20.1 | | ng/L | | 98 | 70 - 130 | | |
| Perfluorobutanesulfonic acid | | | 18.1 | 15.7 | | ng/L | | 87 | 70 - 130 | | |
| Perfluorohexanesulfonic acid | | | 18.7 | 16.4 | | ng/L | | 88 | 70 - 130 | | |
| Perfluorooctanesulfonic acid | | | 19.0 | 16.3 | | ng/L | | 86 | 70 - 130 | | |
| NEtFOSAA | | | 20.5 | 16.8 | | ng/L | | 82 | 70 - 130 | | |
| NMeFOSAA | | | 20.5 | 17.7 | | ng/L | | 87 | 70 - 130 | | |
| Perfluoroundecanoic acid | | | 20.5 | 19.3 | | ng/L | | 94 | 70 - 130 | | |

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

**Lab Sample ID: LCS 410-406450/2-A**
**Matrix: Water**
**Analysis Batch: 409524**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 406450**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Perfluorododecanoic acid | | | 20.5 | 18.9 | | ng/L | | 92 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *d5-NEtFOSAA* | *98* | | *70 - 130* |
| *13C2 PFDA* | *111* | | *70 - 130* |
| *13C2 PFHxA* | *113* | | *70 - 130* |

**Lab Sample ID: LCSD 410-406450/3-A**
**Matrix: Water**
**Analysis Batch: 409524**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 406450**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Perfluorohexanoic acid | | | 20.5 | 19.9 | | ng/L | | 97 | 70 - 130 | 1 | 30 |
| Perfluoroheptanoic acid | | | 20.5 | 20.1 | | ng/L | | 98 | 70 - 130 | 3 | 30 |
| Perfluorooctanoic acid | | | 20.5 | 20.5 | | ng/L | | 100 | 70 - 130 | 5 | 30 |
| Perfluorononanoic acid | | | 20.5 | 20.6 | | ng/L | | 101 | 70 - 130 | 7 | 30 |
| Perfluorodecanoic acid | | | 20.5 | 20.7 | | ng/L | | 101 | 70 - 130 | 9 | 30 |
| Perfluorotridecanoic acid | | | 20.5 | 18.5 | | ng/L | | 90 | 70 - 130 | 0 | 30 |
| Perfluorotetradecanoic acid | | | 20.5 | 20.9 | | ng/L | | 102 | 70 - 130 | 4 | 30 |
| Perfluorobutanesulfonic acid | | | 18.1 | 16.6 | | ng/L | | 92 | 70 - 130 | 6 | 30 |
| Perfluorohexanesulfonic acid | | | 18.7 | 17.2 | | ng/L | | 92 | 70 - 130 | 5 | 30 |
| Perfluorooctanesulfonic acid | | | 19.0 | 17.6 | | ng/L | | 93 | 70 - 130 | 8 | 30 |
| NEtFOSAA | | | 20.5 | 19.8 | | ng/L | | 97 | 70 - 130 | 16 | 30 |
| NMeFOSAA | | | 20.5 | 19.9 | | ng/L | | 97 | 70 - 130 | 11 | 30 |
| Perfluoroundecanoic acid | | | 20.5 | 20.3 | | ng/L | | 99 | 70 - 130 | 5 | 30 |
| Perfluorododecanoic acid | | | 20.5 | 20.4 | | ng/L | | 100 | 70 - 130 | 8 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *d5-NEtFOSAA* | *107* | | *70 - 130* |
| *13C2 PFDA* | *109* | | *70 - 130* |
| *13C2 PFHxA* | *111* | | *70 - 130* |

## LCMS

### Prep Batch: 194343

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-137604-1 | GAC Influent | Total/NA | Water | 3535 | |
| 410-137604-2 | GAC Midfluent | Total/NA | Water | 3535 | |
| 410-137604-3 | GAC Effluent | Total/NA | Water | 3535 | |
| 410-137604-4 | FTB01-230803 | Total/NA | Water | 3535 | |
| 410-137604-5 | LTB01-230803 | Total/NA | Water | 3535 | |
| MB 200-194343/1-A | Method Blank | Total/NA | Water | 3535 | |
| LCS 200-194343/2-A | Lab Control Sample | Total/NA | Water | 3535 | |
| LCSD 200-194343/3-A | Lab Control Sample Dup | Total/NA | Water | 3535 | |

### Analysis Batch: 194403

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-137604-1 | GAC Influent | Total/NA | Water | 537 (modified) | 194343 |
| 410-137604-2 | GAC Midfluent | Total/NA | Water | 537 (modified) | 194343 |
| 410-137604-3 | GAC Effluent | Total/NA | Water | 537 (modified) | 194343 |
| 410-137604-4 | FTB01-230803 | Total/NA | Water | 537 (modified) | 194343 |
| 410-137604-5 | LTB01-230803 | Total/NA | Water | 537 (modified) | 194343 |
| MB 200-194343/1-A | Method Blank | Total/NA | Water | 537 (modified) | 194343 |
| LCS 200-194343/2-A | Lab Control Sample | Total/NA | Water | 537 (modified) | 194343 |
| LCSD 200-194343/3-A | Lab Control Sample Dup | Total/NA | Water | 537 (modified) | 194343 |

### Prep Batch: 406450

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-137604-1 | GAC Influent | Total/NA | Water | 537 DW | |
| 410-137604-1 - DL | GAC Influent | Total/NA | Water | 537 DW | |
| 410-137604-2 | GAC Midfluent | Total/NA | Water | 537 DW | |
| 410-137604-3 | GAC Effluent | Total/NA | Water | 537 DW | |
| 410-137604-4 | FTB01-230803 | Total/NA | Water | 537 DW | |
| 410-137604-5 | LTB01-230803 | Total/NA | Water | 537 DW | |
| MB 410-406450/1-A | Method Blank | Total/NA | Water | 537 DW | |
| LCS 410-406450/2-A | Lab Control Sample | Total/NA | Water | 537 DW | |
| LCSD 410-406450/3-A | Lab Control Sample Dup | Total/NA | Water | 537 DW | |

### Analysis Batch: 409524

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-137604-1 | GAC Influent | Total/NA | Water | 537 DW | 406450 |
| 410-137604-2 | GAC Midfluent | Total/NA | Water | 537 DW | 406450 |
| 410-137604-3 | GAC Effluent | Total/NA | Water | 537 DW | 406450 |
| 410-137604-4 | FTB01-230803 | Total/NA | Water | 537 DW | 406450 |
| 410-137604-5 | LTB01-230803 | Total/NA | Water | 537 DW | 406450 |
| MB 410-406450/1-A | Method Blank | Total/NA | Water | 537 DW | 406450 |
| LCS 410-406450/2-A | Lab Control Sample | Total/NA | Water | 537 DW | 406450 |
| LCSD 410-406450/3-A | Lab Control Sample Dup | Total/NA | Water | 537 DW | 406450 |

### Analysis Batch: 410614

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-137604-1 - DL | GAC Influent | Total/NA | Water | 537 DW | 406450 |

# Lab Chronicle

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

Job ID: 410-137604-1
SDG: HOO

## Client Sample ID: GAC Influent
**Lab Sample ID: 410-137604-1**

**Date Collected: 08/03/23 09:15**
**Matrix: Water**
**Date Received: 08/04/23 08:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3535 | | | 194343 | MCK | EET BUR | 08/09/23 08:25 |
| Total/NA | Analysis | 537 (modified) | | 1 | 194403 | KFW | EET BUR | 08/10/23 23:10 |
| Total/NA | Prep | 537 DW | | | 406450 | WW2J | ELLE | 08/09/23 17:39 |
| Total/NA | Analysis | 537 DW | | 1 | 409524 | WR4P | ELLE | 08/17/23 15:36 |
| Total/NA | Prep | 537 DW | DL | | 406450 | WW2J | ELLE | 08/09/23 17:39 |
| Total/NA | Analysis | 537 DW | DL | 10 | 410614 | WR4P | ELLE | 08/21/23 16:04 |

## Client Sample ID: GAC Midfluent
**Lab Sample ID: 410-137604-2**

**Date Collected: 08/03/23 09:20**
**Matrix: Water**
**Date Received: 08/04/23 08:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3535 | | | 194343 | MCK | EET BUR | 08/09/23 08:25 |
| Total/NA | Analysis | 537 (modified) | | 1 | 194403 | KFW | EET BUR | 08/10/23 23:18 |
| Total/NA | Prep | 537 DW | | | 406450 | WW2J | ELLE | 08/09/23 17:39 |
| Total/NA | Analysis | 537 DW | | 1 | 409524 | WR4P | ELLE | 08/17/23 15:47 |

## Client Sample ID: GAC Effluent
**Lab Sample ID: 410-137604-3**

**Date Collected: 08/03/23 09:23**
**Matrix: Water**
**Date Received: 08/04/23 08:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3535 | | | 194343 | MCK | EET BUR | 08/09/23 08:25 |
| Total/NA | Analysis | 537 (modified) | | 1 | 194403 | KFW | EET BUR | 08/10/23 23:26 |
| Total/NA | Prep | 537 DW | | | 406450 | WW2J | ELLE | 08/09/23 17:39 |
| Total/NA | Analysis | 537 DW | | 1 | 409524 | WR4P | ELLE | 08/17/23 15:59 |

## Client Sample ID: FTB01-230803
**Lab Sample ID: 410-137604-4**

**Date Collected: 08/03/23 09:25**
**Matrix: Water**
**Date Received: 08/04/23 08:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3535 | | | 194343 | MCK | EET BUR | 08/09/23 08:25 |
| Total/NA | Analysis | 537 (modified) | | 1 | 194403 | KFW | EET BUR | 08/10/23 23:35 |
| Total/NA | Prep | 537 DW | | | 406450 | WW2J | ELLE | 08/09/23 17:39 |
| Total/NA | Analysis | 537 DW | | 1 | 409524 | WR4P | ELLE | 08/17/23 16:10 |

## Client Sample ID: LTB01-230803
**Lab Sample ID: 410-137604-5**

**Date Collected: 08/03/23 00:00**
**Matrix: Water**
**Date Received: 08/04/23 08:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3535 | | | 194343 | MCK | EET BUR | 08/09/23 08:25 |
| Total/NA | Analysis | 537 (modified) | | 1 | 194403 | KFW | EET BUR | 08/10/23 23:43 |
| Total/NA | Prep | 537 DW | | | 406450 | WW2J | ELLE | 08/09/23 17:39 |
| Total/NA | Analysis | 537 DW | | 1 | 409524 | WR4P | ELLE | 08/17/23 16:22 |

# Lab Chronicle

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

Job ID: 410-137604-1
SDG: HOO

**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: 410-137604-1
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 | 06-30-24 |
| Minnesota | NELAP | 050-999-436 | 12-31-23 |
| New Hampshire | NELAP | 2006 | 12-18-23 |
| New Jersey | NELAP | VT972 | 06-30-24 |
| New York | NELAP | 10391 | 03-31-24 |
| Pennsylvania | NELAP | 68-00489 | 08-20-23 |
| Rhode Island | State | LAO00298 | 12-31-24 |
| US Fish & Wildlife | US Federal Programs | 058448 | 07-31-24 |
| USDA | US Federal Programs | P330-17-00272 | 10-30-23 |
| Vermont | State | VT4000 | 02-10-24 |
| Virginia | NELAP | 460209 | 12-14-23 |
| Wisconsin | State | 399140830 | 08-20-23 |

# Method Summary

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

Job ID: 410-137604-1
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: 410-137604-1
SDG: HOO

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 410-137604-1 | GAC Influent | Water | 08/03/23 09:15 | 08/04/23 08:55 |
| 410-137604-2 | GAC Midfluent | Water | 08/03/23 09:20 | 08/04/23 08:55 |
| 410-137604-3 | GAC Effluent | Water | 08/03/23 09:23 | 08/04/23 08:55 |
| 410-137604-4 | FTB01-230803 | Water | 08/03/23 09:25 | 08/04/23 08:55 |
| 410-137604-5 | LTB01-230803 | Water | 08/03/23 00:00 | 08/04/23 08:55 |

Environme

# Chain of Custody Record

eurofins | Environment Testing

410-137604 Chain of Custody

| | | | | |
|---|---|---|---|---|
| | Sampler: C. Olmsby | Lab PM: Hobart, Paul | Carrier Tracking No(s): | COC No: 410-77604-21525.2 |
| Jonathan Dippert, Kirk Moline | Phone: | E-Mail: Paul.Hobart@et.eurofinsus.com | State of Origin: NY | Page: Page 2 of 2 1 of 1 |
| Company: CT Male Associates DPC | PWSID: | Analysis Requested | | Job #: |
| Address: 50 Century Hill Dr | Due Date Requested: | | | Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other: |
| City: Latham | TAT Requested (days): Standard | | | |
| State, Zip: NY, 12110 | Compliance Project: Δ Yes Δ No | | | |
| Phone: | PO #: Purchase Order not required | | | |
| Email: j.dippert@ctmale.com, K.Moline@ctmale.com | WO #: | | | |
| Project Name: Hoosick Falls WTP | Project #: 41000511 14.4756 | | | |
| 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) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | PFC_IDA - (MOD) 7 PFAS Compounds | 537_DW - 14 PFAS Drinking Water List | 537_DW - 14 PFAS Drinking Water List | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | N | Y | N | | |
| GAC INFLUENT | 8/3/23 | 0915 | G | Water | N | N | X | X | | 4 | |
| GAC MIDFLUENT | | 0920 | | Water | N | N | X | X | | 4 | |
| GAC EFFLUENT | | 0923 | | Water | N | N | X | X | | 4 | |
| FTB01-230803 | | 0925 | | Water | N | N | X | X | | 4 | |
| LTB01-230803 | | — | | Water | N | N | X | X | | 4 | |

**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, Equis 1 file

Special Instructions/QC Requirements:

| | | | |
|---|---|---|---|
| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
| Relinquished by: | Date/Time: 8/3/23 1550 | Company: CTM | Received by: / Date/Time: / Company: |
| Relinquished by: | Date/Time: | Company | Received by: / Date/Time: / Company |
| Relinquished by: | Date/Time: | Company | Received by: / Date/Time: 8/4/23 0855 / Company |

Custody Seals Intact: ☒ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: raw 0.3 cor 0.1

Ver: 06/08/2021

**Eurofins Lancaster Laboratories Environme**
2425 New Holland Pike
Lancaster, PA 17601
Phone 717-656-2300 Fax: 717-656-2681

# Chain of Custody Record

410-137604 Chain of Custody

eurofins | Environment Testing

| | | | | |
|---|---|---|---|---|
| **Client Information (Sub Contract Lab)** | Sampler: | Lab PM: Tessier, Kelly | | COC No: 410-2287521 1 |
| Client Contact: Shipping/Receiving | Phone: | E-Mail: kelly tessier@et.eurofinsus.com | State of Origin: New York | Page: Page 1 of 1 |
| Company: TestAmerica Laboratories, Inc. | | Accreditations Required (See note): NELAP - New York | | Job #: 410-137604-1 |
| Address: 530 Community Drive, Suite 11, | Due Date Requested: 8/17/2023 | | | |
| City: South Burlington | TAT Requested (days): | | | |
| State, Zip: VT, 05403 | | | | |
| Phone: 802-660-1990(Tel) 802-660-1919(Fax) | PO #: | | | |
| Email: | WO #: | | | |
| Project Name: Hoosick Falls WTP | Project #: 41000511 | | | |
| Site: | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | PFC_IDA/3535_IVWT (MOD) 7 PFAS Compounds | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | |
| GAC Influent (410-137604-1) | 8/3/23 | 09:15 Eastern | | Water | | | X | 2 | |
| GAC Midfluent (410-137604-2) | 8/3/23 | 09.20 Eastern | | Water | | | X | 2 | |
| GAC Effluent (410-137604-3) | 8/3/23 | 09:23 Eastern | | Water | | | X | 2 | |
| FTB01-230803 (410-137604-4) | 8/3/23 | 09:25 Eastern | | Water | | | X | 2 | |
| LTB01-230803 (410-137604-5) | 8/3/23 | Eastern | | Water | | | X | 2 | |

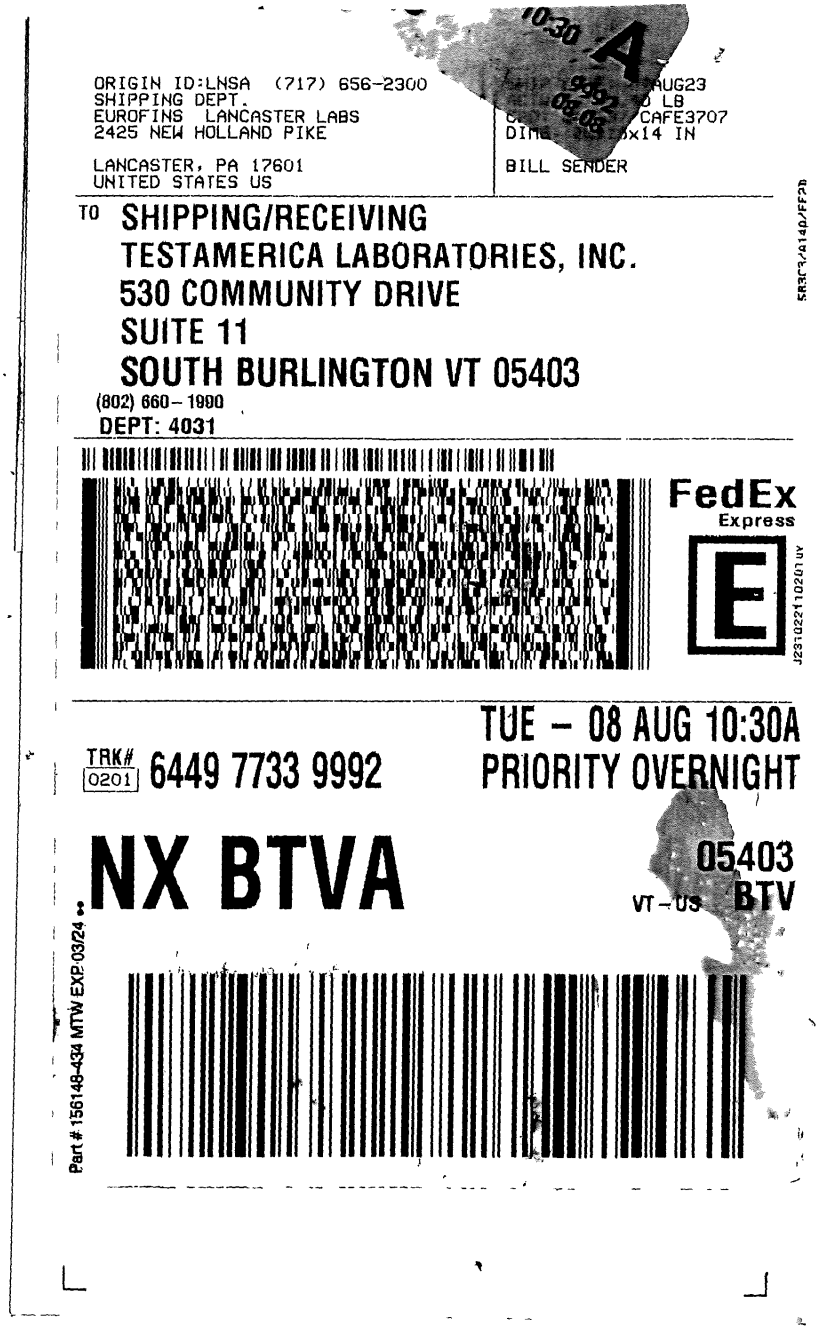
Note Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/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* | ***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) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements. |

| | | | | | | |
|---|---|---|---|---|---|---|
| Empty Kit Relinquished by: | | Date: | Time: | Method of Shipment: | | |
| Relinquished by: Kristi Deans | Date/Time: 8/7/23 1522 | Company: ELLET | Received by: | Date/Time: 8/8/23 1030 | Company: ETA Burl | |
| Relinquished by: | Date/Time. | Company | Received by: | Date/Time. | Company | |
| Relinquished by: | Date/Time | Company | Received by: | Date/Time | Company | |

| | | |
|---|---|---|
| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks |

Ver: 06/08/2021



ORIGIN ID:LNSA (717) 656-2300
SHIPPING DEPT.
EUROFINS LANCASTER LABS
2425 NEW HOLLAND PIKE

LANCASTER, PA 17601
UNITED STATES US

AUG23
LB
CAFE3707
DIM: 14 IN

BILL SENDER

TO SHIPPING/RECEIVING
TESTAMERICA LABORATORIES, INC.
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
DEPT: 4031

FedEx Express

TRK# 0201 6449 7733 9992

TUE - 08 AUG 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV

Part # 156148-434 MTW EXP:03/24 ••

# Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-137604-1
SDG Number: HOO

**Login Number: 137604**
**List Number: 1**
**Creator: Reiff, Nicole L**

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

| 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 (</=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 | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| There is sufficient vol. for all requested analyses. | True | |
| Is the Field Sampler's name present on COC? | True | |
| Sample custody seals are intact. | True | |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)? | N/A | |

# Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-137604-1
SDG Number: HOO

**Login Number: 137604**
**List Number: 2**
**Creator: Reynolds, Jamie K**

**List Source: Eurofins Burlington**
**List Creation: 08/08/23 11:34 AM**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= 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. | 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. | True | |
| Cooler Temperature is recorded. | True | 1.6ºC |
| 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 <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | Check done at department level as required. |