



Per- and Polyfluoroalkyl Substances (PFAS) Report

I. PWS INFORMATION: Please refer to your MassDEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: City / Town:
 PWS Name: PWS Class: COM NTNC TNC

| MassDEP LOCATION (LOC) ID# | MassDEP Location Name | Sample Information | Date Collected | Collected By |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------|
| 10296 | Great Pond WTP | <input checked="" type="checkbox"/> (M)ultiple <input type="checkbox"/> (R)aw <input type="checkbox"/> (S)ingle <input checked="" type="checkbox"/> (F)inished | 07/07/21 | B. Cookerly |
| Routine or Special Sample | | If Resubmitted Report, list below: | | |
| Original, Resubmitted or Confirmation Report | | (1) Reason for Resubmission | (2) Collection Date of Original Sample | |
| <input checked="" type="checkbox"/> RS <input type="checkbox"/> SS | <input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation | <input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction | | |
| SAMPLE COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank | | | | |

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab Cert. #: Primary Lab Name: Subcontracted? (Y/N)
 Analysis Lab Cert. #: Analysis Lab Name:
 If Analysis Lab is not certified by MassDEP or U.S. EPA, list certification authority:

| Lab Method | Date Extracted | Date Analyzed | Dilution Factor | Lab Sample IDs# | |
|------------|----------------|---------------|-----------------|--------------------|------------|
| 537.1 | 07/15/2021 | 07/16/2021 | 0.93 | Primary Lab: | A1G0150-01 |
| | | | | Subcontracted Lab: | 4950342 |

| CAS# | REGULATED PFAS CONTAMINANTS | Result ¹ ng/L | Result ² Qualifier | MCL* ng/L | MDL ng/L | MRL ng/L |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------|-------------------------------|-----------|----------|----------|
| 1763-23-1 | Perfluorooctane Sulfonic Acid (PFOS) | 11 | | - | 0.40 | 2.0 |
| 335-67-1 | Perfluorooctanoic Acid (PFOA) | 7.0 | | | 0.40 | 2.0 |
| 355-46-4 | Perfluorohexane Sulfonic Acid (PFHxS) | 2.7 | | | 0.50 | 2.0 |
| 375-95-1 | Perfluorononanoic Acid (PFNA) | 1.2 | J | | 0.50 | 2.0 |
| 375-85-9 | Perfluoroheptanoic Acid (PFHpA) | 2.7 | | | 0.40 | 2.0 |
| 335-76-2 | Perfluorodecanoic Acid (PFDA) | ND | | | 0.50 | 2.0 |
| PFAS6 (sum of PFOS, PFOA, PFHxS, PFNA, PFHpA and PFDA; only include Results at or above the MRL; do not include estimated Results as described by a Result Qualifier in the next column) | | = 23.4 | -- | | 20 | -- |
| UNREGULATED PFAS CONTAMINANTS | | | | | | |
| 375-73-5 | Perfluorobutane Sulfonic Acid (PFBS) | 2.0 | J | - | 0.40 | 2.0 |
| 307-55-1 | Perfluorododecanoic Acid (PFDoA) | ND | | | 0.40 | 2.0 |
| 307-24-4 | Perfluorohexanoic Acid (PFHxA) | 3.4 | | | 0.40 | 2.0 |
| 376-06-7 | Perfluorotetradecanoic Acid (PFTA) | ND | | | 0.60 | 2.0 |
| 72629-94-8 | Perfluorotridecanoic Acid (PFTTrDA) | ND | | | 0.50 | 2.0 |
| 2058-94-8 | Perfluoroundecanoic Acid (PFUnA) | ND | | | 0.50 | 2.0 |
| 2991-50-6 | N-Ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | ND | | | 0.60 | 2.0 |
| 2355-31-9 | N-Methyl Perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | ND | | | 0.50 | 2.0 |
| 763051-92-9 | 11-chloroicosafuoro-3-oxaundecane-1-sulfonic acid(11Cl-PF3OUdS) | ND | | | 0.50 | 2.0 |
| 756426-58-1 | 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS) | ND | | | 0.50 | 2.0 |
| 919005-14-4 | 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | ND | | | 0.61 | 2.0 |
| 13252-13-6 | Hexafluoropropylene oxide dimer acid (HFPO-DA) | ND | | | 0.50 | 2.0 |

¹ A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

² All qualifiers must be described under Lab Analysis Comments on page 2.



CERTIFICATE OF ANALYSIS

Chris Pelleteri
 Randolph - Holbrook Joint Water Boa:
 50 North Franklin Street
 Holbrook, MA 02343

Project Name: PFAS
 Work Order Number: A1G0150
 Date Received: 07/07/2021

Sampled By: Bill Cookerly
 Location: Finished Water

Date Sampled: 7/7/21 9:00
 Matrix: Drinking Water

RESULTS OF ANALYSIS

| Parameter | Analytical Method | Date Analyzed | Units | Det. Limit* | MCL/ Rec Limit# | Result |
|------------------------|-------------------|---------------|-------|----------------------------|-----------------|--------------|
| <i>Test Parameters</i> | | | | LAB-ID#: <u>A1G0150-01</u> | | |
| PFAS | 537.1 | 7/30/2021 | ug/L | N/A | — | See Attached |

NA = Not Applicable
 ND = Not Detected
 < = Less Than
 * = Detection Limit
 Rec Limit# = Recommended Limit

Approved By: 

CHAIN OF CUSTODY

AIG0150


422 West Grove Street
Middleboro, MA 02346
Ph. (508) 946-2225
Fax (508) 946-3335
Lab I.D. #M-MA022

| | | | |
|--------------------------|------------------------------------|-------------------------------------------------------|-----------------|
| 10 22343 Ma. 10 | Project Name: PFAS | ANALYSIS REQUIRED NO. OF CONTAINERS PFAS | TURNAROUND TIME |
| | Collected by: Bill Gorkerly | | |

| I.D. | Matrix | Pres. | COMP. | GRAB | STATION LOCATION | ANALYSIS REQUIRED | | | | | | | | | | | | | |
|------|--------|-------|-------|------|------------------|-------------------|---|---|---|---|---|---|---|---|----|--|--|--|--|
| | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
| ✓ | ✓ | | | ✓ | Finished Water | 1 | X | | | | | | | | | | | | |
| ✓ | ✓ | | | ✓ | Finished Water | 1 | X | | | | | | | | | | | | |
| W | | | | ✓ | Field Trip Blank | 1 | X | | | | | | | | | | | | |

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT.

| | | | |
|--------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RECEIVED BY: (Signature) <i>Valerie Poirier-Rodin</i> | DATE 7-7 | TIME 10:45 PM | LAB COMMENTS |
| RECEIVED FOR LABORATORY BY: (Signature) <i>[Signature]</i> | DATE 7/7 | TIME 1342 | SHIPPING CONDITIONS: (Check One) <input type="checkbox"/> Iced <input type="checkbox"/> Ambient TEMPERATURE: _____ °C Lowest _____ °C Highest 8.8 °C Receipt |
| CONTAMINATION LEVEL L — LOW (NO ODOR) H — HIGH M — MEDIUM U — UNKNOWN | | TURN-AROUND TIME (TAT) NORMAL (7-10 Working Days) <ul style="list-style-type: none"> • TAT begins when sample is received at test facility. • TAT for samples received after 4 p.m. will begin on the next business day. • All TAT's are subject to laboratory approval and customer consent. | |

LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

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STATE CERTIFICATION LIST

| State | Certification | State | Certification |
|-------------------------|---------------|----------------|---------------|
| Alabama | 40700 | Missouri | 880 |
| Alaska | IN00035 | Montana | CERT0026 |
| Arizona | AZ0432 | Nebraska | NE-OS-05-04 |
| Arkansas | IN00035 | Nevada | IN00035 |
| California | 2920 | New Hampshire* | 2124 |
| Colorado | IN00035 | New Jersey* | IN598 |
| Colorado Radiochemistry | IN00035 | New Mexico | IN00035 |
| Connecticut | PH-0132 | New York* | 11398 |
| Delaware | IN035 | North Carolina | 18700 |
| Florida(Primary AB)* | E87775 | North Dakota | R-035 |
| Georgia | 929 | Ohio | 87775 |
| Hawaii | IN035 | Oklahoma | D9508 |
| Idaho | IN00035 | Oregon* | 4156 |
| Illinois* | 200001 | Pennsylvania* | 68-00466 |
| Illinois Microbiology | 17767 | Puerto Rico | IN00035 |
| Illinois Radiochemistry | IN00035 | Rhode Island | LAO00343 |
| Indiana Chemistry | C-71-01 | South Carolina | 95005 |
| Indiana Microbiology | M-76-07 | South Dakota | IN00035 |
| Iowa | 098 | Tennessee | TN02973 |
| Kansas* | E-10233 | Texas* | T104704187 |
| Kentucky | 90056 | Texas/TCEQ | TX207 |
| Louisiana* | LA014 | Utah* | IN00035 |
| Maine | IN00035 | Vermont | VT-8775 |
| Maryland | 209 | Virginia* | 460275 |
| Massachusetts | M-IN035 | Washington | C837 |
| Michigan | 9926 | West Virginia | 9927 C |
| Minnesota* | 018-999-338 | Wisconsin | 999766900 |
| Mississippi | IN035 | Wyoming | IN035 |
| EPA | IN00035 | | |

*NELAP/TNI Recognized Accreditation Bodies



Eaton Analytical

110 South Hill Street
South Bend, IN 46617
Tel: (574) 233-4777
Fax: (574) 233-8207
1 800 332 4345

Laboratory Report

Client: Analytical Balance Corporation
Attn: Amanda Cronin
422 West Grove Street
Middleboro, MA 02346

Report: 523498
Priority: Standard Written
Status: Final
PWS ID: MA4244001

| Sample Information | | | | | |
|--------------------|----------------|--------|-----------------------|---------------|----------------------|
| EEA ID # | Client ID | Method | Collected Date / Time | Collected By: | Received Date / Time |
| 4950342 | A1G0150-01 | 537.1 | 07/07/21 09:00 | Client | 07/09/21 08:30 |
| 4950343 | A1G0150-01 FTB | 537.1 | 07/07/21 09:00 | Client | 07/09/21 08:30 |

| Report Summary | |
|----------------|--|
|----------------|--|

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Pat Muff at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

ASM

Authorized Signature

Title

07/27/2021

Date

Client Name: Analytical Balance Corporation
Report #: 523498

Sampling Point: A1G0150-01

PWS ID: MA4244001

| EEA Methods | | | | | | | | | |
|--------------|------------------------------------------------|--------|-----------|------|--------|-------|------------------|----------------|----------|
| Analyte ID # | Analyte | Method | Reg Limit | MRL† | Result | Units | Preparation Date | Analyzed Date | EEA ID # |
| 335-67-1 | Perfluorooctanoic acid (PFOA) | 537.1 | — | 2.0 | 7.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 1763-23-1 | Perfluorooctanesulfonic acid (PFOS) | 537.1 | --- | 2.0 | 11 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS) | 537.1 | — | 2.0 | 2.0 J | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA) | 537.1 | — | 2.0 | 2.7 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 355-46-4 | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | --- | 2.0 | 2.7 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 375-95-1 | Perfluorononanoic acid (PFNA) | 537.1 | — | 2.0 | 1.2 J | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 335-76-2 | Perfluorodecanoic acid (PFDA) | 537.1 | — | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 307-24-4 | Perfluorohexanoic acid (PFHxA) | 537.1 | --- | 2.0 | 3.4 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 307-55-1 | Perfluorododecanoic acid (PFDoA) | 537.1 | — | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 72629-94-8 | Perfluorotridecanoic acid (PFTTrDA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 2058-94-8 | Perfluoroundecanoic acid (PFUnA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 2991-50-6 | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 2355-31-9 | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 13252-13-6 | HFPO-DA/GenX | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 919005-14-4 | ADONA | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 756426-58-1 | 9Cl-PF3ONS/F-53B Major | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 763051-92-9 | 11Cl-PF3OUdS/F-53B Minor | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |
| 376-06-7 | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/15/21 08:15 | 07/16/21 00:41 | 4950342 |

Sampling Point: A1G0150-01 FTB

PWS ID: MA4244001

| EEA Methods | | | | | | | | | |
|--------------|------------------------------------------------|--------|-----------|------|--------|-------|------------------|----------------|----------|
| Analyte ID # | Analyte | Method | Reg Limit | MRL† | Result | Units | Preparation Date | Analyzed Date | EEA ID # |
| 335-67-1 | Perfluorooctanoic acid (PFOA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 1763-23-1 | Perfluorooctanesulfonic acid (PFOS) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 355-46-4 | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 375-95-1 | Perfluorononanoic acid (PFNA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 335-76-2 | Perfluorodecanoic acid (PFDA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 307-24-4 | Perfluorohexanoic acid (PFHxA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 307-55-1 | Perfluorododecanoic acid (PFDoA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 72629-94-8 | Perfluorotridecanoic acid (PFTTrDA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 2058-94-8 | Perfluoroundecanoic acid (PFUnA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 2991-50-6 | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 2355-31-9 | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 13252-13-6 | HFPO-DA/GenX | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 919005-14-4 | ADONA | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 756426-58-1 | 9Cl-PF3ONS/F-53B Major | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 763051-92-9 | 11Cl-PF3OUdS/F-53B Minor | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |
| 376-06-7 | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | --- | 2.0 | < 2.0 | ng/L | 07/21/21 07:00 | 07/21/21 23:12 | 4950343 |

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

| | | | |
|-----------------|-----|------|----|
| Reg Limit Type: | MCL | SMCL | AL |
| Symbol: | * | ^ | ! |

Lab Definitions

Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC) - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

Internal Standards (IS) - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

Laboratory Duplicate (LD) - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS) - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB) - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB) - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

If applicable, the calculation of the matrix spike (MS) or matrix spike duplicate (MSD) percent recovery is as follows: $(MS \text{ or } MSD \text{ value} - \text{Sample value}) * 100 / \text{spike target} / \text{dilution factor} = \text{Recovery } \%$

Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD) - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM) - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV) - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS) - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

Surrogate Standard (SS) / Surrogate Analyte (SUR) - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

421208

523498



SUBCONTRACT ORDER
Analytical Balance Corporation
AIG0150

SENDING LABORATORY:

Analytical Balance Corporation
422 West Grove Street
Middleboro, MA 02346
Phone: (508) 946-2225
Fax: (508) 946-3335
Project Manager: Analytical Balance
Project Name: PFAS Randolph Holbrook

RECEIVING LABORATORY:

Eurofins Eaton Analytical - SUB
110 South Hill Street
South Bend, IN 46617
Phone: (574) 233-4777
Fax: collected by Bill Cookerly
PWS # 4244001

| Analysis | Due | Expires | Laboratory ID | Comments |
|----------|-----|---------|---------------|----------|
|----------|-----|---------|---------------|----------|

Sample ID: AIG0150-01 Aqueous Sampled: 07/07/2021 09:00

SUB: PFAS 07/12/2021 00:00 07/21/2021 09:00 4956342

Containers Supplied: *FTB*

↓ 343

West 2.8

7-9-2021 0830

K. O'Quinn

Released By _____ Date _____ Received By _____ Date _____

Released By _____ Date _____ Received By _____ Date _____



Eaton Analytical

Eurofins Eaton Analytical

Run Log

Run ID: 291630 Method: 537.1

| <u>Type</u> | <u>Sample Id</u> | <u>Sample Site</u> | <u>Matrix</u> | <u>Instrument ID</u> | <u>Analysis Date</u> | <u>Calibration File</u> |
|-------------|------------------|--------------------|---------------|----------------------|----------------------|-------------------------|
| CCL | 4956086 | | OS | GA | 07/15/2021 20:48 | 071521M537.1b.wiff |
| LRB | 4956043 | | RW | GA | 07/15/2021 21:09 | 071521M537.1b.wiff |
| FBL | 4956016 | | RW | GA | 07/15/2021 21:20 | 071521M537.1b.wiff |
| FS | 4950342 | A1G0150-01 | DW | GA | 07/16/2021 00:41 | 071521M537.1b.wiff |
| CCM | 4956087 | | OS | GA | 07/16/2021 00:52 | 071521M537.1b.wiff |

QC Summary Report

| Sample Type | Analyte | Method | MDA95 | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|------------------------------------------------|--------|-------|-----------|-------------|------------|------------|-------|------------|-----------------|-----------|------------|------------------|------------------|----------|
| CCL | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | --- | | 1.7762 | 2.0 | ng/L | 89 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 1.7957 | 2.0 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 1413207.15 | 1413207.15 | ng/L | 100 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1281645.84 | 1281645.84 | ng/L | 100 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | IS-PFOS-13C4 | 537.1 | N/A | --- | | 4741309.25 | 4741309.25 | ng/L | 100 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | SS-NEFOSAA-d5 | 537.1 | N/A | --- | | 174.3982 | 160 | ng/L | 109 | 70 - 130 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | SS-PFDA-13C2 | 537.1 | N/A | --- | | 40.8357 | 40.0 | ng/L | 102 | 70 - 130 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 41.1953 | 40.0 | ng/L | 103 | 70 - 130 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | | 1.7419 | 2.0 | ng/L | 87 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorheptanoic acid (PFHpA) | 537.1 | 2.0 | --- | | 1.9873 | 2.0 | ng/L | 99 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | | 1.7522 | 2.0 | ng/L | 88 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | --- | | 1.9047 | 2.0 | ng/L | 95 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | | 1.6987 | 2.0 | ng/L | 85 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | --- | | 1.8471 | 2.0 | ng/L | 92 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorododecanoic acid (PFDDA) | 537.1 | 2.0 | --- | | 1.7706 | 2.0 | ng/L | 89 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorotridecanoic acid (PFTDA) | 537.1 | 2.0 | --- | | 1.8470 | 2.0 | ng/L | 92 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluoroundecanoic acid (PFUdA) | 537.1 | 2.0 | --- | | 1.8135 | 2.0 | ng/L | 91 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | N-ethyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | --- | | 2.1035 | 2.0 | ng/L | 105 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | N-methyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | --- | | 2.0305 | 2.0 | ng/L | 102 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | HFPO-DA/GenX | 537.1 | 2.0 | --- | | 1.8576 | 2.0 | ng/L | 93 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | ADONA | 537.1 | 2.0 | --- | | 1.7934 | 2.0 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | 9Cl-PF3ONS/F-53B Major | 537.1 | 2.0 | --- | | 1.8642 | 2.0 | ng/L | 93 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | 11Cl-PF3OIS/F-53B Minor | 537.1 | 2.0 | --- | | 1.7461 | 2.0 | ng/L | 87 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | | 1.7568 | 2.0 | ng/L | 88 | 50 - 150 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| CCL | SS-HFPO-DA-13C3 | 537.1 | N/A | --- | | 41.0924 | 40.0 | ng/L | 103 | 70 - 130 | --- | 1.0 | 07/13/2021 11:44 | 07/15/2021 20:48 | 4956086 |
| LRB | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 1504827 | 1413207.15 | ng/L | 106 | 50 - 150 | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1220378 | 1281645.84 | ng/L | 95 | 50 - 150 | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | IS-PFOS-13C4 | 537.1 | N/A | --- | | 4556619 | 4741309.25 | ng/L | 96 | 50 - 150 | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | SS-NEFOSAA-d5 | 537.1 | N/A | --- | | 136.3599 | 160 | ng/L | 85 | 70 - 130 | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | SS-PFDA-13C2 | 537.1 | N/A | --- | | 41.3975 | 40.0 | ng/L | 103 | 70 - 130 | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 40.1817 | 40.0 | ng/L | 100 | 70 - 130 | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorheptanoic acid (PFHpA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorododecanoic acid (PFDDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |

QC Summary Report (cont.)

| Sample Type | Analyte | Method | MRL | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|------------------------------------------------|--------|-----|------------|-------------|----------|------------|-------|------------|-----------------|-----|-----------|------------|------------------|------------------|----------|
| LRB | Perfluorodecanic acid (PFTrDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | HFPO-DA/GenX | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | ADONA | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | 9Cl-PF3ONS/F-53B Major | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | 11Cl-PF3OUdS/F-53B Minor | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| LRB | SS-HFPO-DA-13C3 | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| FBL | Perfluorooctanoic acid (PFOA) | 537.1 | N/A | --- | | 39.7195 | 40.0 | ng/L | 99 | 70 - 130 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:09 | 4956043 |
| FBL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 1.7264 | 2.0 | ng/L | 86 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 1.7030 | 2.0 | ng/L | 85 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 1429654 | 1413207.1E | ng/L | 101 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1269813 | 1281645.8E | ng/L | 99 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | IS-PFOA-13C4 | 537.1 | N/A | --- | | 4730038 | 4741309.2E | ng/L | 100 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | SS-NEIFOSAA-d5 | 537.1 | N/A | --- | | 177.5535 | 160 | ng/L | 111 | 70 - 130 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | SS-PFDA-13C2 | 537.1 | N/A | --- | | 46.2502 | 40.0 | ng/L | 116 | 70 - 130 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 45.9497 | 40.0 | ng/L | 115 | 70 - 130 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | | 1.6437 | 2.0 | ng/L | 82 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | | 1.5949 | 2.0 | ng/L | 80 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 1.8932 | 2.0 | ng/L | 85 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | --- | | 1.7432 | 2.0 | ng/L | 87 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | | 1.5726 | 2.0 | ng/L | 79 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | --- | | 1.9428 | 2.0 | ng/L | 82 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorododecanoic acid (PFDDoA) | 537.1 | 2.0 | --- | | 1.5616 | 2.0 | ng/L | 78 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorotridecanoic acid (PFTrDA) | 537.1 | 2.0 | --- | | 1.5316 | 2.0 | ng/L | 77 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | --- | | 1.4673 | 2.0 | ng/L | 73 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | | 1.6297 | 2.0 | ng/L | 81 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | | 1.6190 | 2.0 | ng/L | 81 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | HFPO-DA/GenX | 537.1 | 2.0 | --- | | 1.5818 | 2.0 | ng/L | 79 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | ADONA | 537.1 | 2.0 | --- | | 1.6240 | 2.0 | ng/L | 81 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | 9Cl-PF3ONS/F-53B Major | 537.1 | 2.0 | --- | | 1.6535 | 2.0 | ng/L | 83 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | 11Cl-PF3OUdS/F-53B Minor | 537.1 | 2.0 | --- | | 1.4411 | 2.0 | ng/L | 72 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | | 1.2705 | 2.0 | ng/L | 64 | 50 - 150 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FBL | SS-HFPO-DA-13C3 | 537.1 | N/A | --- | | 45.0479 | 40.0 | ng/L | 113 | 70 - 130 | --- | --- | 1.0 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4956016 |
| FS | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | A1G0150-01 | | 7.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/15/2021 21:20 | 4950342 |
| FS | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | A1G0150-01 | | 11 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/15/2021 00:41 | 4950342 |
| FS | IS-NMeFOSAA-d3 | 537.1 | N/A | A1G0150-01 | | 1449078 | 1413207.1E | ng/L | 103 | 50 - 150 | --- | --- | 0.93 | 07/15/2021 08:15 | 07/15/2021 00:41 | 4950342 |
| FS | IS-PFOA-13C2 | 537.1 | N/A | A1G0150-01 | | 1198745 | 1281645.8E | ng/L | 94 | 50 - 150 | --- | --- | 0.93 | 07/15/2021 08:15 | 07/15/2021 00:41 | 4950342 |
| FS | IS-PFOA-13C4 | 537.1 | N/A | A1G0150-01 | | 4654158 | 4741309.2E | ng/L | 98 | 50 - 150 | --- | --- | 0.93 | 07/15/2021 08:15 | 07/15/2021 00:41 | 4950342 |
| FS | SS-NEIFOSAA-d5 | 537.1 | N/A | A1G0150-01 | | 155.4505 | 160 | ng/L | 104 | 70 - 130 | --- | --- | 0.93 | 07/15/2021 08:15 | 07/15/2021 00:41 | 4950342 |

QC Summary Report (cont.)

| Sample Type | Analyte | Method | MRL | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|------------------------------------------------|--------|-----|------------|-------------|------------|------------|-------|------------|-----------------|-----|-----------|------------|------------------|------------------|----------|
| FS | SS-PFDA-13C2 | 537.1 | N/A | A1G0150-01 | | 42.0812 | 40.0 | ng/L | 113 | 70 - 130 | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | SS-PFHxA-13C2 | 537.1 | N/A | A1G0150-01 | | 37.6689 | 40.0 | ng/L | 101 | 70 - 130 | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | A1G0150-01 | J | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluoroheptanoic acid (PFHpA) | 537.1 | 2.0 | A1G0150-01 | | 2.7 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | A1G0150-01 | | 2.7 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | A1G0150-01 | | 1.2 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | A1G0150-01 | J | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | A1G0150-01 | < | 3.4 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorododecanoic acid (PFDDA) | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorotridecanoic acid (PFTTDA) | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | HFPO-DA/GenX | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | ADONA | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | 9Cl-PF3ONS/F-53B Major | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | 11Cl-PF3OUGS/F-53B Minor | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | Perfluorotetradecanoic acid (PFTTeDA) | 537.1 | 2.0 | A1G0150-01 | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| FS | SS-HFPO-DA-13C3 | 537.1 | N/A | A1G0150-01 | < | 2.0 | 40.0 | ng/L | --- | --- | --- | --- | 0.93 | 07/15/2021 08:15 | 07/16/2021 00:41 | 4950342 |
| CCM | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | --- | | 39.5439 | 100 | ng/L | 106 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorodecanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 104.2098 | 100 | ng/L | 104 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 103.3009 | 100 | ng/L | 103 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1386438.2F | | ng/L | 100 | 50 - 150 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | IS-PFOS-13C4 | 537.1 | N/A | --- | | 1173621 | 1173620.7F | ng/L | 100 | 50 - 150 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | SS-NEFOSAA-d5 | 537.1 | N/A | --- | | 4509974 | 4509974.3F | ng/L | 100 | 50 - 150 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | SS-PFDA-13C2 | 537.1 | N/A | --- | | 172.2282 | 160 | ng/L | 108 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 42.4800 | 40.0 | ng/L | 106 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | | 42.2314 | 40.0 | ng/L | 106 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluoroheptanoic acid (PFHpA) | 537.1 | 2.0 | --- | | 105.9617 | 100 | ng/L | 106 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | | 109.4356 | 100 | ng/L | 109 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | --- | | 107.8990 | 100 | ng/L | 108 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | | 108.3585 | 100 | ng/L | 108 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | --- | | 109.4480 | 100 | ng/L | 109 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorotridecanoic acid (PFTTDA) | 537.1 | 2.0 | --- | | 104.3558 | 100 | ng/L | 104 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | --- | | 114.7590 | 100 | ng/L | 115 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | | 110.8967 | 100 | ng/L | 111 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | | 101.5922 | 100 | ng/L | 102 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | HFPO-DA/GenX | 537.1 | 2.0 | --- | | 113.0400 | 100 | ng/L | 113 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | ADONA | 537.1 | 2.0 | --- | | 110.4475 | 100 | ng/L | 110 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | 9Cl-PF3ONS/F-53B Major | 537.1 | 2.0 | --- | | 105.7903 | 100 | ng/L | 106 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | | 537.1 | 2.0 | --- | | 105.2476 | 100 | ng/L | 105 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | | 537.1 | 2.0 | --- | | 103.8568 | 100 | ng/L | 104 | 70 - 130 | --- | --- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |

QC Summary Report (cont.)

| Sample Type | Analyte | Method | MRL | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|--------------------------------------|--------|-----|-----------|-------------|----------|--------|-------|------------|-----------------|-----|-----------|------------|------------------|------------------|----------|
| CCM | 11Cl-PF3OUdS/F-53B Minor | 537.1 | 2.0 | -- | | 102.1908 | 100 | ng/L | 102 | 70 - 130 | -- | -- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | -- | | 108.4776 | 100 | ng/L | 108 | 70 - 130 | -- | -- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |
| CCM | SS-HFPO-DA-13C3 | 537.1 | N/A | -- | | 43.9856 | 40.0 | ng/L | 110 | 70 - 130 | -- | -- | 1.0 | 07/13/2021 11:44 | 07/16/2021 00:52 | 4956087 |



Eurofins Eaton Analytical
Run Log

Eaton Analytical

Run ID: 291987 Method: 537.1

| <u>Type</u> | <u>Sample Id</u> | <u>Sample Site</u> | <u>Matrix</u> | <u>Instrument ID</u> | <u>Analysis Date</u> | <u>Calibration File</u> |
|-------------|------------------|--------------------|---------------|----------------------|----------------------|-------------------------|
| CCL | 4960774 | | OS | GA | 07/21/2021 21:47 | 072121M537.1a.wiff |
| LRB | 4960751 | | RW | GA | 07/21/2021 22:09 | 072121M537.1a.wiff |
| FBL | 4960752 | | RW | GA | 07/21/2021 22:19 | 072121M537.1a.wiff |
| FBH | 4960753 | | RW | GA | 07/21/2021 22:30 | 072121M537.1a.wiff |
| FTB | 4950343 | A1G0150-01 FTB | RW | GA | 07/21/2021 23:12 | 072121M537.1a.wiff |
| CCM | 4960775 | | OS | GA | 07/22/2021 02:34 | 072121M537.1a.wiff |

QC Summary Report

| Sample Type | Analyte | Method | MDA95 | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|------------------------------------------------|--------|-------|-----------|-------------|----------|------------|-------|------------|-----------------|-----------|------------|------------------|------------------|----------|
| CCL | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | --- | | 1.6730 | 2.0 | ng/L | 84 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 1.7776 | 2.0 | ng/L | 89 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 2118619 | 2118618.9 | ng/L | 100 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1446369 | 1446368.85 | ng/L | 100 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | IS-PFOS-13C4 | 537.1 | N/A | --- | | 6200365 | 6200364.61 | ng/L | 100 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | SS-NEFOSAA-d5 | 537.1 | N/A | --- | | 165.6384 | 160 | ng/L | 104 | 70 - 130 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | SS-PFDA-13C2 | 537.1 | N/A | --- | | 39.8540 | 40.0 | ng/L | 100 | 70 - 130 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 38.5989 | 40.0 | ng/L | 96 | 70 - 130 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | | 1.7121 | 2.0 | ng/L | 86 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluoroheptanoic acid (PFHpA) | 537.1 | 2.0 | --- | | 1.8253 | 2.0 | ng/L | 91 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | | 1.7753 | 2.0 | ng/L | 89 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | --- | | 1.8384 | 2.0 | ng/L | 92 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | | 1.8026 | 2.0 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | --- | | 1.7889 | 2.0 | ng/L | 89 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorododecanoic acid (PFDDA) | 537.1 | 2.0 | --- | | 1.7196 | 2.0 | ng/L | 86 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorotridecanoic acid (PFTrDA) | 537.1 | 2.0 | --- | | 1.7412 | 2.0 | ng/L | 87 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | --- | | 1.7946 | 2.0 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | N-ethyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | --- | | 2.1924 | 2.0 | ng/L | 110 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | N-methyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | --- | | 1.9634 | 2.0 | ng/L | 98 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | HFPO-DA/GenX | 537.1 | 2.0 | --- | | 1.6816 | 2.0 | ng/L | 84 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | ADONA | 537.1 | 2.0 | --- | | 1.8029 | 2.0 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | 9Cl-PFOSNs/F-53B Major | 537.1 | 2.0 | --- | | 1.7124 | 2.0 | ng/L | 86 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | 11Cl-PFOSUs/F-53B Minor | 537.1 | 2.0 | --- | | 1.7923 | 2.0 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | | 1.7403 | 2.0 | ng/L | 87 | 50 - 150 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| CCL | SS-HFPO-DA-13C3 | 537.1 | N/A | --- | | 39.2705 | 40.0 | ng/L | 98 | 70 - 130 | --- | 1.0 | 07/21/2021 12:53 | 07/21/2021 21:47 | 4960774 |
| LRB | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 2164663 | 2118618.9 | ng/L | 102 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1457488 | 1446368.85 | ng/L | 101 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | IS-PFOS-13C4 | 537.1 | N/A | --- | | 8427652 | 8200364.61 | ng/L | 104 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | SS-NEFOSAA-d5 | 537.1 | N/A | --- | | 133.8677 | 160 | ng/L | 84 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | SS-PFDA-13C2 | 537.1 | N/A | --- | | 36.4051 | 40.0 | ng/L | 91 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 35.8018 | 40.0 | ng/L | 90 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluoroheptanoic acid (PFHpA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorododecanoic acid (PFDDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |

QC Summary Report (cont.)

| Sample Type | Analyte | Method | MRL | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|------------------------------------------------|--------|-----|-----------|-------------|----------|------------|-------|------------|-----------------|-----------|------------|------------------|------------------|----------|
| LRB | Perfluorodecanic acid (PFTDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | HFPO-DAGenX | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | ADONA | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | 9CI-PF3ONS/F-53B Major | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | 11CI-PF3OJdS/F-53B Minor | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | SS-HFPO-DA-13C3 | 537.1 | 2.0 | --- | < | 2.0 | | ng/L | --- | --- | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| LRB | Perfluorooctanoic acid (PFOA) | 537.1 | N/A | --- | | 34.7216 | 40.0 | ng/L | 87 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:09 | 4960751 |
| FBL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 1.8321 | 2.0 | ng/L | 92 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 1.7519 | 2.0 | ng/L | 88 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 2064355 | 2118618.9 | ng/L | 97 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1394056 | 1446368.8 | ng/L | 96 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | IS-PFOS-13C4 | 537.1 | N/A | --- | | 6328868 | 3200364.61 | ng/L | 102 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | SS-NEIFOSAA-d5 | 537.1 | N/A | --- | | 1457984 | 160 | ng/L | 91 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | SS-PFDA-13C2 | 537.1 | N/A | --- | | 39.5839 | 40.0 | ng/L | 99 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 37.5521 | 40.0 | ng/L | 94 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | | 1.6744 | 2.0 | ng/L | 84 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluoroheptanoic acid (PFHpA) | 537.1 | 2.0 | --- | | 2.1695 | 2.0 | ng/L | 108 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | | 1.7264 | 2.0 | ng/L | 86 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | --- | | 1.9801 | 2.0 | ng/L | 99 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | | 1.8047 | 2.0 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | --- | | 1.8937 | 2.0 | ng/L | 95 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | | 1.4478 | 2.0 | ng/L | 72 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | --- | | 1.5852 | 2.0 | ng/L | 79 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | --- | | 1.6387 | 2.0 | ng/L | 82 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | N-ethyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | | 1.7335 | 2.0 | ng/L | 87 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | N-methyl Perfluorooctanesulfonamidoacetic acid | 537.1 | 2.0 | --- | | 1.6625 | 2.0 | ng/L | 83 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | HFPO-DAGenX | 537.1 | 2.0 | --- | | 1.7138 | 2.0 | ng/L | 86 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | ADONA | 537.1 | 2.0 | --- | | 1.7166 | 2.0 | ng/L | 86 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | 9CI-PF3ONS/F-53B Major | 537.1 | 2.0 | --- | | 1.5701 | 2.0 | ng/L | 79 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | 11CI-PF3OJdS/F-53B Minor | 537.1 | 2.0 | --- | | 1.5641 | 2.0 | ng/L | 78 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | | 1.6420 | 2.0 | ng/L | 82 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | SS-HFPO-DA-13C3 | 537.1 | N/A | --- | | 36.1680 | 40.0 | ng/L | 90 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:19 | 4960752 |
| FBL | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | --- | | 187.5559 | 200 | ng/L | 94 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBL | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 188.7776 | 200 | ng/L | 94 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBL | IS-NMeFOSAA-d3 | 537.1 | N/A | --- | | 2103844 | 2118618.9 | ng/L | 99 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBL | IS-PFOA-13C2 | 537.1 | N/A | --- | | 1305511 | 1446368.8 | ng/L | 90 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBL | IS-PFOS-13C4 | 537.1 | N/A | --- | | 5882289 | 3200364.61 | ng/L | 95 | 50 - 150 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBL | SS-NEIFOSAA-d5 | 537.1 | N/A | --- | | 124.7361 | 160 | ng/L | 78 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |

QC Summary Report (cont.)

| Sample Type | Analyte | Method | MRL | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|------------------------------------------------|--------|-----|----------------|-------------|----------|-----------|-------|------------|-----------------|-----------|------------|------------------|------------------|----------|
| FBH | SS-PFDA-13C2 | 537.1 | N/A | --- | | 39.5857 | 40.0 | ng/L | 99 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | SS-PFHxA-13C2 | 537.1 | N/A | --- | | 35.0146 | 40.0 | ng/L | 88 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | --- | | 176.4205 | 200 | ng/L | 88 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | | 181.0980 | 200 | ng/L | 91 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | --- | | 195.2896 | 200 | ng/L | 98 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorodecanesulfonic acid (PFDA) | 537.1 | 2.0 | --- | | 190.6035 | 200 | ng/L | 95 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorododecanesulfonic acid (PFDDA) | 537.1 | 2.0 | --- | | 186.5226 | 200 | ng/L | 93 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorotetradecanesulfonic acid (PFTeDA) | 537.1 | 2.0 | --- | | 173.6813 | 200 | ng/L | 87 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorohexadecanesulfonic acid (PFHxS) | 537.1 | 2.0 | --- | | 166.3752 | 200 | ng/L | 83 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorooctadecanesulfonic acid (PFODS) | 537.1 | 2.0 | --- | | 183.3821 | 200 | ng/L | 92 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluoroundecanesulfonic acid (PFUnS) | 537.1 | 2.0 | --- | | 196.2388 | 200 | ng/L | 99 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | N-ethyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | --- | | 160.5216 | 200 | ng/L | 80 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | N-methyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | --- | | 164.9520 | 200 | ng/L | 82 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | HFPO-DA/GenX | 537.1 | 2.0 | --- | | 170.1537 | 200 | ng/L | 85 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | ADONA | 537.1 | 2.0 | --- | | 173.9811 | 200 | ng/L | 87 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | 9Cl-PF3ONSIF-53B Major | 537.1 | 2.0 | --- | | 188.6552 | 200 | ng/L | 94 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | 11Cl-PF3OUdSIF-53B Minor | 537.1 | 2.0 | --- | | 179.3545 | 200 | ng/L | 90 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | --- | | 170.0386 | 200 | ng/L | 85 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FBH | SS-HFPO-DA-13C3 | 537.1 | N/A | --- | | 34.3107 | 40.0 | ng/L | 86 | 70 - 130 | --- | 1.0 | 07/21/2021 07:00 | 07/21/2021 22:30 | 4960753 |
| FTB | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorodecanesulfonic acid (PFOS) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | IS-NMeFOSAA-d3 | 537.1 | N/A | A1G0150-01 FTB | | 2114030 | 2118618.9 | ng/L | 100 | 50 - 150 | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | IS-PFOA-13C2 | 537.1 | N/A | A1G0150-01 FTB | | 1349973 | 1446366.8 | ng/L | 93 | 50 - 150 | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | IS-PFOS-13C4 | 537.1 | N/A | A1G0150-01 FTB | | 6316118 | 3200364.6 | ng/L | 102 | 50 - 150 | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | SS-NEIFOSAA-d5 | 537.1 | N/A | A1G0150-01 FTB | | 134.1807 | 160 | ng/L | 90 | 70 - 130 | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | SS-PFDA-13C2 | 537.1 | N/A | A1G0150-01 FTB | | 38.3953 | 40.0 | ng/L | 103 | 70 - 130 | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | SS-PFHxA-13C2 | 537.1 | N/A | A1G0150-01 FTB | | 38.4697 | 40.0 | ng/L | 103 | 70 - 130 | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorodecanesulfonic acid (PFDA) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorododecanesulfonic acid (PFDDA) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorotetradecanesulfonic acid (PFTeDA) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorohexadecanesulfonic acid (PFHxS) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorooctadecanesulfonic acid (PFODS) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluoroundecanesulfonic acid (PFUnS) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | N-ethyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | N-methyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | HFPO-DA/GenX | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | ADONA | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | 9Cl-PF3ONSIF-53B Major | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |

QC Summary Report (cont.)

| Sample Type | Analyte | Method | MRL | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD | RPD Limit | Dil Factor | Extracted | Analyzed | EEA ID # |
|-------------|------------------------------------------------|--------|-----|----------------|-------------|----------|------------|-------|------------|-----------------|-----|-----------|------------|------------------|------------------|----------|
| FTB | 11CI-PF3OHSIF-53B Minor | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | A1G0150-01 FTB | < | 2.0 | | ng/L | --- | --- | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| FTB | SS-HFPO-DA-13C3 | 537.1 | N/A | A1G0150-01 FTB | | 37.6085 | 40.0 | ng/L | 101 | 70 - 130 | --- | --- | 0.93 | 07/21/2021 07:00 | 07/21/2021 23:12 | 4950343 |
| CCM | Perfluorooctanoic acid (PFOA) | 537.1 | 2.0 | | | 101.1803 | 100 | ng/L | 101 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorooctanesulfonic acid (PFOS) | 537.1 | 2.0 | | | 98.6629 | 100 | ng/L | 97 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | IS-NMeFOSAA-d3 | 537.1 | N/A | | | 2070854 | 2070854.24 | ng/L | 100 | 50 - 150 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | IS-PFDA-13C2 | 537.1 | N/A | | | 1318201 | 1318200.6 | ng/L | 100 | 50 - 150 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | IS-PFOS-13C4 | 537.1 | N/A | | | 5950274 | 5950274.04 | ng/L | 100 | 50 - 150 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | SS-NMeFOSAA-d5 | 537.1 | N/A | | | 153.6450 | 160 | ng/L | 96 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | SS-PFDA-13C2 | 537.1 | N/A | | | 41.7008 | 40.0 | ng/L | 104 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | SS-PFHKA-13C2 | 537.1 | N/A | | | 42.1058 | 40.0 | ng/L | 105 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorobutanesulfonic acid (PFBS) | 537.1 | 2.0 | | | 100.4071 | 100 | ng/L | 100 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluoroheptanoic acid (PFHpA) | 537.1 | 2.0 | | | 103.6528 | 100 | ng/L | 104 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorohexanesulfonic acid (PFHxS) | 537.1 | 2.0 | | | 98.3232 | 100 | ng/L | 98 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorononanoic acid (PFNA) | 537.1 | 2.0 | | | 107.8711 | 100 | ng/L | 108 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorodecanoic acid (PFDA) | 537.1 | 2.0 | | | 100.9092 | 100 | ng/L | 101 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorohexanoic acid (PFHxA) | 537.1 | 2.0 | | | 99.9605 | 100 | ng/L | 100 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorododecanoic acid (PFDDA) | 537.1 | 2.0 | | | 102.7610 | 100 | ng/L | 103 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorotridecanoic acid (PFTDA) | 537.1 | 2.0 | | | 94.9486 | 100 | ng/L | 95 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluoroundecanoic acid (PFUnA) | 537.1 | 2.0 | | | 94.9589 | 100 | ng/L | 95 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | N-ethyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | | | 97.8627 | 100 | ng/L | 98 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | N-methyl Perfluorooctanesulfonamideacetic acid | 537.1 | 2.0 | | | 99.1040 | 100 | ng/L | 99 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | HFPO-DA/GenX | 537.1 | 2.0 | | | 100.4948 | 100 | ng/L | 100 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | ADONA | 537.1 | 2.0 | | | 103.5712 | 100 | ng/L | 104 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | 9CI-PF3ONSIF-53B Major | 537.1 | 2.0 | | | 98.8640 | 100 | ng/L | 99 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | 11CI-PF3OHSIF-53B Minor | 537.1 | 2.0 | | | 96.4168 | 100 | ng/L | 96 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | Perfluorotetradecanoic acid (PFTeDA) | 537.1 | 2.0 | | | 99.9393 | 100 | ng/L | 100 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |
| CCM | SS-HFPO-DA-13C3 | 537.1 | N/A | | | 43.3113 | 40.0 | ng/L | 108 | 70 - 130 | --- | --- | 1.0 | 07/21/2021 12:53 | 07/22/2021 02:34 | 4960775 |

Sample Type Key

| <u>Type (Abbr.)</u> | <u>Sample Type</u> | <u>Type (Abbr.)</u> | <u>Sample Type</u> |
|---------------------|----------------------------|---------------------|--------------------|
| CCL | Continuing Calibration Low | | |
| CCM | Continuing Calibration Mid | | |
| FS | Field Sample | | |
| FTB | Field Trip Blank | | |
| FBH | Fortified Blank High | | |
| FBL | Fortified Blank Low | | |
| LRB | Laboratory Reagent Blank | | |

END OF REPORT