### DES Waste Management Division 29 Hazen Drive; PO Box 95 Concord, NH 03302-0095

### **SPRING 2019 PFAS RECEPTOR SAMPLING REPORT**

Effingham Landfill 53 Snow Road Effingham, NH NHDES Site #: 198805021

Project Type: GWP Project Number: 555

Prepared For:
Town of Effingham
68 School Street
Effingham, NH 03882
Phone Number (603) 539-7770
RP Contact Name: Board of Selectmen

RP Contact Email: effingham@roadrunner.com

Prepared By:
HEB Engineers, Inc.
PO Box 440
North Conway, NH 03860
Phone Number: (603) 356-6936
Contact Name: Jay J. Poulin, PE

Contact Email: jpoulin@hebengineers.com

Date of Report: May 16, 2019



### **SPRING 2019 PFAS RECEPTOR SAMPLING REPORT**

## EFFINGHAM LANDFILL, EFFINGHAM, NEW HAMPSHIRE

### NHDES GWP #198805021-E-006

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Ettingnam Landtill, Snow Road, Ettingnam, NF Spring 2019 PFAS Receptor Sampling Report NHDES GWP#198704017-T-006 HEB Project #2019-015

### I. BACKGROUND INFORMATION

The Town of Effingham ceased operation of its solid waste landfill in 1994. The closure was completed in accordance with a plan approved by the New Hampshire Department of Environmental Services (NHDES) in 1995. Since that time, groundwater monitoring has been performed at the site to evaluate levels of several potentially hazardous byproducts and substances. Five sampling sites have been established: one up-gradient monitoring well (MW-4S), three down-gradient monitoring wells (MW-1, MW-2S, MW-3), and a well at the new transfer station (TSW). The proposed Groundwater Management Zone (GMZ) and the location of sampling points are depicted on the site plan prepared by Pine Tree Engineering included in Appendix A.

In May 2017, the New Hampshire Department of Environmental Services (NHDES) notified the Town of Effingham that all landfills subject to groundwater monitoring requirements would be required to complete an initial screening for the presence of per- and/or polyfluoroalkyl substances (PFAS). This initial screening was completed at the Effingham Landfill in September 2018, and results were submitted to NHDES on October 12, 2018. Exceedances of Ambient Groundwater Quality Standards (AGQS) found within the initial screening results necessitated the creation of a receptor survey (Appendix B) for the area surrounding the landfill. Subsequently, investigatory sampling was coordinated at 12 drinking water wells within 1,000 feet of the landfill to evaluate the potential for off-site PFAS contamination. A list of the 12 sampling locations is included as Appendix C. Note that not all locations in this list were sampled, but that all locations sampled are included in this list. The locations sampled are also detailed within the lab reports.

### **RESULTS DISCUSSION**

HEB Engineers, Inc. (HEB) received results on April 12, 2019 for samples collected at sites in the vicinity of the closed Effingham Landfill on March 21, 2019 by Eastern Analytical, Inc. In most cases, analyses returned a non-detect value for the nine compounds analyzed at each site. At the Center Effingham Baptist Church, a low level of Perfluorooctane Sulfonic Acid was detected. The concentration was reported as 4.79 nanograms per liter, slightly above the detection limit of 4.22 nanograms per liter. A similarly low level of Perfleourobutane Sulfonic Acid was detected at 1019 Province Lake Road. This concentration was reported as 6.44 nanograms per liter. While there are no current standards for these compounds, both results fall well below typical concentration limits for other PFAS substances. While future NHDES comment on these results should be accounted for, HEB does not believe they warrant further action at this time.

Analyses were performed by Vista Analytical Laboratory and reports were compiled by Eastern Analytical, Inc. Lab reports are included in Appendix D.

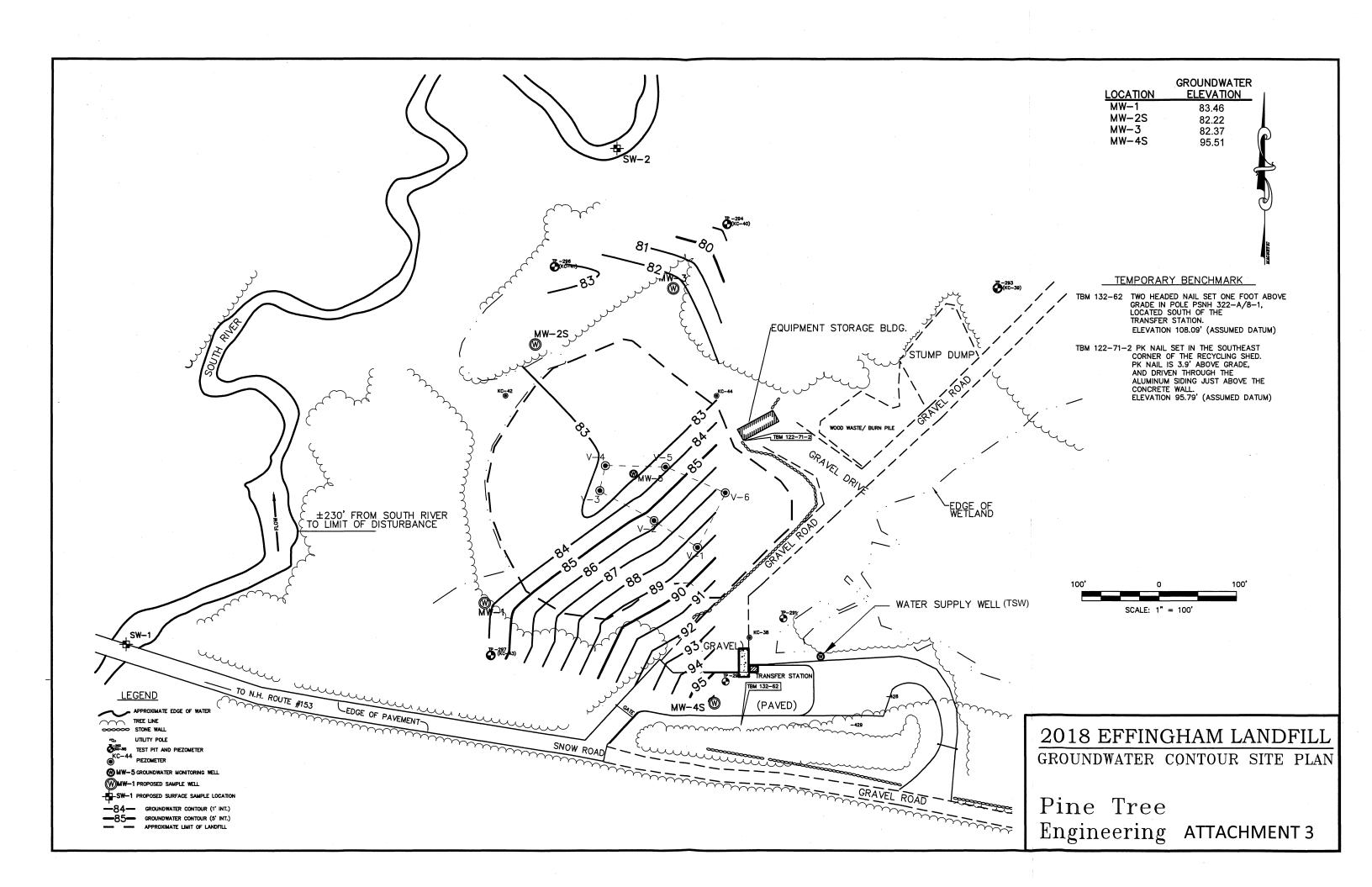
### **II. RECOMMENDATIONS**

Based on the results described above, HEB has no further recommendations with regard to PFAS sampling at this time. At a minimum, routine groundwater monitoring within the landfill should be continued in accordance with NHDES GWP#198805021-E-005, and the required confirmatory PFAS sampling should be completed during the fall of 2019. Additional sampling will be considered as required by NHDES. Should routine monitoring results display concerning concentrations or exceedances of AGQS, HEB will revise recommendations accordingly.

P:\Jobs\2019\2019-015 Effingham - Effinham Town Landfill, Effingham, NH\Groundwater Monitorting\PFAS\Data to Upload to NHDES 05-16-19\PFAS Receptor Survey Sampling Report 05-16-19.doc

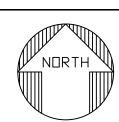
# **APPENDIX A**

**Groundwater Contour Site Plan** 



# **APPENDIX B**

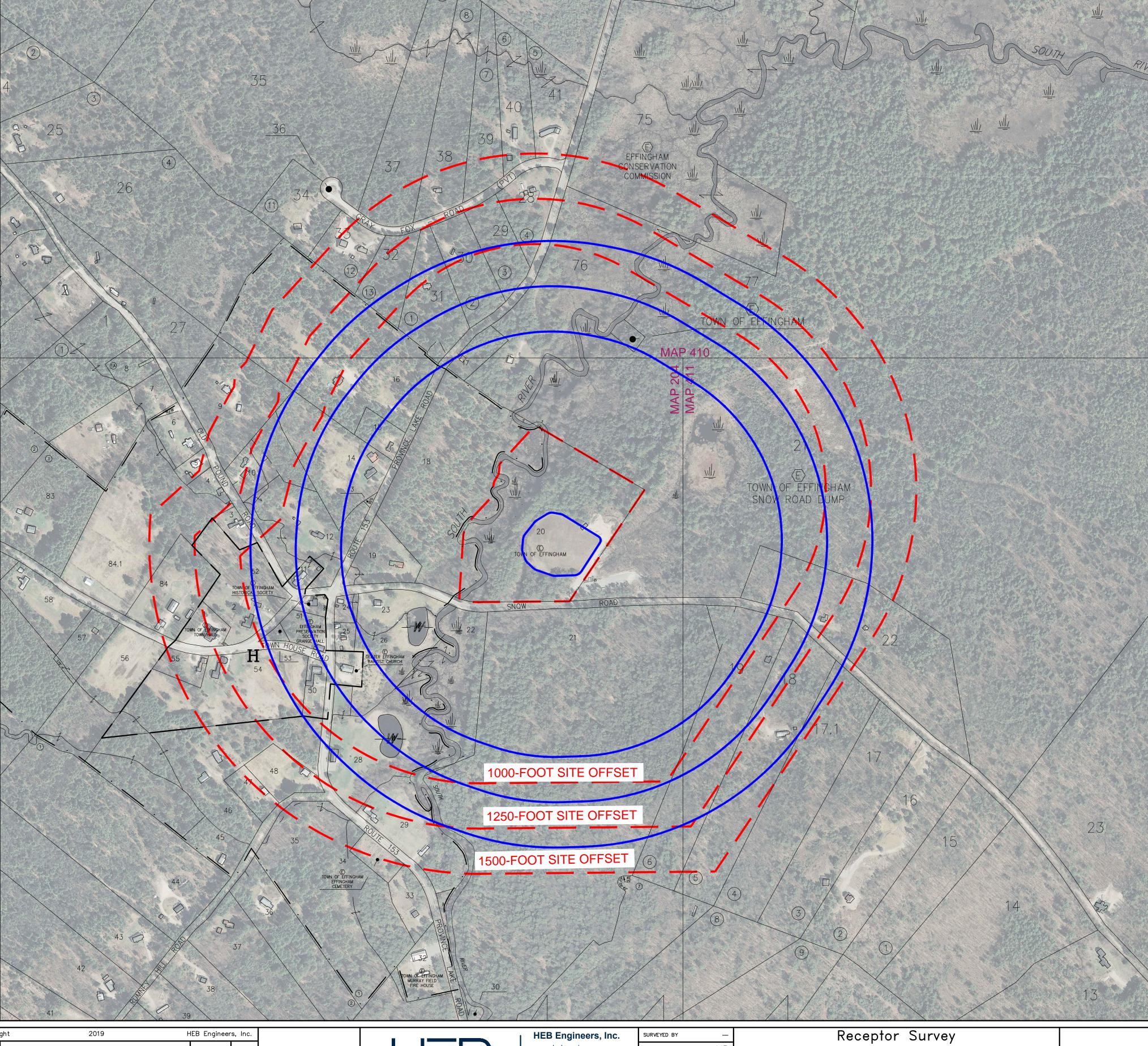
**Receptor Survey** 

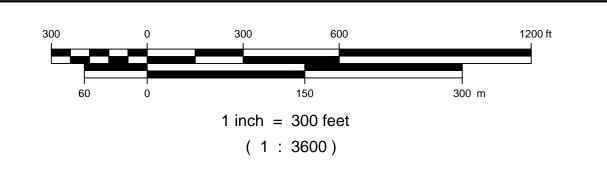


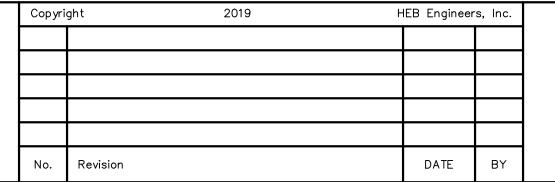
|     |     | PROPERTIES WITHIN 1,0                     | 000-FOOT SIT | E OFFSE | Γ      |        |       |                    |
|-----|-----|---|--------------|---------|--------|--------|-------|--------------------|
| MAP | LOT | OWNER 1                                   | BOOK 1       | PAGE 1  | воок 2 | PAGE 2 | AREA  | LOC1               |
| 204 |     | 2 LANUM, RODERICK B. & JOAN B.            | 1230         | 275     |        |        | 4.4   | TOWN HOUSE ROAD    |
| 204 | 1   | 1 HOLLISTER, ERIC L. & GAYLE C.           | 3179         | 21      |        |        | 0.43  | OLD POUND ROAD     |
| 204 | 1   | 2 CUDDY, WILLIAM F, JR.                   | 1683         | 182     | 636    | 141    | 5     | PROVINCE LAKE ROAD |
| 204 | 1   | 3 POTTER, NEIL ERIC                       | 1595         | 675     |        |        | 0.05  | PROVINCE LAKE ROAD |
| 204 | 1   | 4 FOLTS, BLAIR A.                         | 2205         | 364     |        |        | 5.1   | PROVINCE LAKE ROAD |
| 204 | 1   | 5 FOLTS, BLAIR A.                         | 2283         | 642     |        |        | 1     | PROVINCE LAKE ROAD |
| 204 | 1   | 6 NORMANDEAU, JANET A. & PARKER PAT E.    | 2176         | 383     |        |        | 16.5  | PROVINCE LAKE ROAD |
| 204 | 1   | 7 PEREZ, MAUREEN                          | PROBATE      |         | 835    | 295    | 0.99  | PROVINCE LAKE ROAD |
| 204 | 1   | 8 POTTER, NEIL ERIC                       | 1595         | 675     |        |        | 13.4  | PROVINCE LAKE ROAD |
| 204 | 1   | 9 LAVRICH, ANTHONY A. III                 | 3218         | 651     |        |        | 2.2   | SNOW ROAD          |
| 204 | 2   | 0 EFFINGHAM, TOWN OF                      |              |         |        |        | 12.3  | SNOW ROAD          |
| 204 | 2   | 1 DICKSON, CRAIG D.                       | 1863         | 398     |        |        | 53    | SNOW ROAD          |
| 204 | 2   | 2 DAVIS, JOHN F.                          | 609          | 194     |        |        | 5.14  | SNOW ROAD          |
| 204 | 2   | 3 WHITE, KRISTOPHER L.                    | 2907         | 85      |        |        | 6.1   | SNOW ROAD          |
| 204 | 2   | 4 BREWART, DENISE                         | 1948         | 808     |        |        | 0.44  | PROVINCE LAKE ROAD |
| 204 | 2   | 5 SILVIA, JOSEPH L. & ELAINE C.           | 1648         | 122     |        |        | 0.41  | PROVINCE LAKE ROAD |
| 204 | 2   | 6 CENTER EFFINGHAM BAPTIST CHURCH         | 702          | 190     |        |        | 0.66  | PROVINCE LAKE ROAD |
| 204 | 2   | 8 D'AGNESE, DOROTHY                       | 1195         | 28      | 862    | 188    | 7.2   | PROVINCE LAKE ROAD |
| 204 | 5   | 0 LIBBY, DIANA C. & DOULET, DAVID G.      | 2173         | 950     |        |        | 0.82  | PROVINCE LAKE ROAD |
| 204 | 5   | 1 EFFINGHAM PRESERVATION SOCIETY          | 2052         | 462     |        |        | 1.1   | PROVINCE LAKE ROAD |
| 204 | L)  | 2 EFFINGHAM HISTORICAL SOCIETY            | 665          | 139     | 665    | 138    | 0.22  | PROVINCE LAKE ROAD |
| 204 | 53  | 3 LANUM, RODERICK B. & JOAN B.            | 1230         | 275     |        |        | 0.18  | TOWN HOUSE ROAD    |
| 410 | 2   | 9 DELOTTO, ANTHONY & CHERYL               | 2227         | 730     |        |        | 2.296 | GRAY FOX ROAD      |
| 410 | (7) | 0 VAUTOUR, JESSICA L. & RANDAL B. JR.     | 2826         | 960     |        |        | 2.833 | GRAY FOX ROAD      |
| 410 | (7) | 1 VANAUKEN, WALLACE                       | 2780         | 668     |        |        | 3.547 | GRAY FOX ROAD      |
| 410 | 7   | 6 GREYSTONE, HARRIETT L. & CHARLES E. JR. | 3382         | 195     |        |        | 13.67 | PROVINCE LAKE ROAD |
| 410 | 7   | 7 EFFINGHAM, TOWN OF                      | 2503         | 879     |        |        | 0.34  | PROVINCE LAKE ROAD |
| 411 | 1   | 9 PURCELL, KELLY M.                       | 3251         | 143     |        |        | 10.93 | SNOW ROAD          |
| 411 | 2   | 1 EFFINGHAM, TOWN OF                      | 954          | 341     |        |        | 315   | SNOW ROAD          |

|     |     | PROPERTIES BETWEEN 1,000 AN    | ID 1,250-FC | OT SITE | OFFSET |        |       |                    |
|-----|-----|--------------------------------|-------------|---------|--------|--------|-------|--------------------|
| MAP | LOT | OWNER 1                        | воок 1      | PAGE 1  | воок 2 | PAGE 2 | AREA  | LOC1               |
| 204 | 1   | EFFINGHAM, TOWN OF             |             |         |        |        | 1.08  | TOWN HOUSE ROAD    |
| 204 | 3   | SWETT, MICHAEL D. & JANE A.    | 1109        | 442     |        |        | 0.65  | OLD POUND ROAD     |
| 204 | 10  | MERCIER, CHARLES E. & CAROL M. | 1001        | 16      |        |        | 2.66  | OLD POUND ROAD     |
| 204 | 29  | ESPIE, LEONARD J. & CYNTHIA M. | 1339        | 489     |        |        | 4.2   | PROVINCE LAKE ROAD |
| 204 | 54  | WILLIAMS, LINDA                | 1423        | 345     |        |        | 7.9   | TOWN HOUSE ROAD    |
| 410 | 28  | THORPE, PATRICIA A.            | 3013        | 935     |        |        | 2.348 | GRAY FOX ROAD      |
| 410 | 32  | ELWELL, JEREMY                 | 3156        | 683     |        |        | 2.378 | GRAY FOX ROAD      |
| 411 | 18  | HENDERSON, DOROTHY             |             |         |        |        | 9.97  | SNOW ROAD          |
| 411 | 22  | DEARBORN, CHRISTOPHER          | 1501        | 816     |        |        | 12.1  | SNOW ROAD          |

|     |      | PROPERTIES BETWEEN 1,250 AN    | D 1,500-FC | OT SITE | OFFSET |        |       |                    |
|-----|------|--------------------------------|------------|---------|--------|--------|-------|--------------------|
| MAP | LOT  | OWNER 1                        | воок 1     | PAGE 1  | BOOK 2 | PAGE 2 | AREA  | LOC1               |
| 204 | 4    | STOCKTON, WILLIAM & BETHANNE   | 1932       | 214     |        |        | 0.47  | OLD POUND ROAD     |
| 204 | 5    | STEWART, JAMES C. IV           | 3013       | 921     |        |        | 0.48  | OLD POUND ROAD     |
| 204 | 9    | RITCHEY, MARK A.               | 2016       | 101     |        |        | 5     | OLD POUND ROAD     |
| 204 | 34   | EFFINGHAM, TOWN OF             |            |         |        |        | 0.86  | PROVINCE LAKE ROAD |
| 204 | 35   | BROWN, ANDREW P.               | 2031       | 1       |        |        | 11.8  | PROVINCE LAKE ROAD |
| 204 | 46   | HARRINGTON, JAMES & REBECCA    | 2586       | 714     |        |        | 10.3  | RUMNEY HILL ROAD   |
| 204 | 47   | PELLETIER, DAVID A. & TACIANA  | 3311       | 869     |        |        | 0.9   | RUMNEY HILL ROAD   |
| 204 | 48   | DAVIS, JOHN F. JR.             | 3060       | 3       |        |        | 1.83  | RUMNEY HILL ROAD   |
| 204 | 55   | KEVILLE, FRANK J. & DEBORA A.  | 2566       | 47      |        |        | 0.86  | TOWN HOUSE ROAD    |
| 204 | 84   | SEAMANS, RICHARD E. & DAVID A. | 3187       | 893     |        |        | 13.6  | TOWN HOUSE ROAD    |
| 204 | 84.1 | SEAMANS, ERIC J.               |            |         |        |        | 10    | TOWN HOUSE ROAD    |
| 410 | 33   | KANTOLA, DANA T.               | 2566       | 764     |        |        | 2.288 | GRAY FOX ROAD      |
| 410 | 37   | FANTASIA, KENNETH C.           | 1364       | 281     |        |        | 7.197 | GRAY FOX ROAD      |
| 410 | 38   | ELWELL, JEREMY M.              | 2867       | 340     |        |        | 5.38  | GRAY FOX ROAD      |
| 410 | 39   | DINSMORE, BRIAN J.             | 1403       | 335     |        |        | 3.394 | GRAY FOX ROAD      |
| 410 | 40   | KAJA HOLDINGS 2 LLC.           | 3161       | 974     |        |        | 3.122 | GRAY FOX ROAD      |
| 410 | 41   | CARTER, GLORIA J.              | 2295       | 873     |        |        | 3.266 | GRAY FOX ROAD      |
| 410 | 75   | EFFINGHAM CONSERVATION COMM    | 1963       | 52      |        |        | 14.5  | PROVINCE LAKE ROAD |
| 411 | 17.1 | BOSWORTH, DOROTHY J.           | 1475       | 986     |        |        | 9.32  | SNOW ROAD          |









HEB Engineers, Inc. www.hebengineers.com NH Office (603) 356-6936 Post Office Box 440 North Conway, NH 03860
ME Office (207) 803-8265
Post Office Box 343
Bridgton, ME 04009

| SURVEYED BY |         |  |
|-------------|---------|--|
| DESIGNED BY | JJP     |  |
| DRAWN BY    | DRL     |  |
| CHECKED BY  |         |  |
| FIELD BOOK  |         |  |
| SCALE       | 1"=300' |  |
| DATE 02/2   | 28/2019 |  |

for the Effingham Town Landfill located in and prepared for the

2019-015

SK-1Town of Effingham, New Hampshire

SHEET 1 OF 1

# **APPENDIX C**

**List of Sampling Locations** 



# **Town of Effingham Selectmen's Office**

68 School Street Effingham, New Hampshire 03882 (603) 539-7770 (603) 539-7799 fax

Roderick and Joan Lanum 7 Corner Road Effingham NH 03882

Eric and Gayle Hollister 8 Old Pound Road Effingham NH 03882

Blair Folts 2 houses

984 Province Lake Road Effingham NH 03882

Patricia Parker Janet Normandeau PO Box 197 Effingham NH 03882 property address 968 Province Lake Road

Anthony Lavrich III Kristin Smalley 11 Snow Road Effingham NH 03882

Kristopher White 10 Snow Road Effingham NH 03882

Joseph and Elaine Silvia 1019 Province Lake Road Effingham NH 03882

Center Effingham Baptist Church

PO Box 146 property address 1027 Province Lake Rd

Effingham NH 03882

Diana Libby property address 1030 Province Lake Road

David Goulet PO Box 150

Effingham NH 03882

Effingham Preservation Society

PO Box 151 property address 6 Town House Road

Effingham NH 03882

Effingham Historical Society

PO Box 33 property address 1014 Province Lake Road

Effingham NH 03882

Wallace Van Auken 31 Gray Fox Road Effingham NH 03882

Goran Romanovic 301 South Walnut Street Hammond LA 70403 property address 1004 Province Lake Road

Denise Brewart Frances Wheeler 20364 110<sup>th</sup> Avenue Sun City AZ 85373 property address 1013 Province Lake Road

Jeffrey Scott Faia 1047 Province Lake Road Effingham NH 03882

Melani-Rae and Kevin Taillon 16 Folsom Drive Newmarket NH 03857 property address 29 Gray Fox Road

# **APPENDIX D**

Eastern Analytical, Inc. Lab Reports



Jeff Sires
HEB Engineers, Inc.
2605 White Mountain Highway, PO Box 440
North Conway , NH 03860



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 193248

Client Identification: Effingham LF Residential Testing

Date Received: 3/22/2019

Dear Mr. Sires:

Enclosed please find the report of analysis for the above identified project. As discussed, analyses were subcontracted and are listed as follows:

Analysis: Subcontract - Perfluorinated Compounds EPA 537 (9

Compounds) Vista

Subcontractor Lab: Vista Analytical Laboratory

A complete copy of the report is attached. This report may not be reproduced except in full, without the written approval of the laboratory.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

Date

# of pages (excluding cover letter)

### SAMPLE CONDITIONS PAGE



EAI ID#: 193248

Client: HEB Engineers, Inc.

Client Designation: Effingham LF Residential Testing

### Temperature upon receipt (°C): 1.1

### Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

|           | omporatare range ( G). 6 6      |                  |                 |                  |   |   |
|-----------|---------------------------------|------------------|-----------------|------------------|---|---|
| Lab ID    | Sample ID                       | Date<br>Received | Date<br>Sampled | Sample<br>Matrix | • | Exceptions/Comments (other than thermal preservation) |
| 193248.01 | Hollister 8 Old Pound Rd        | 3/21/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.02 | Folts 984 Province Lake Rd      | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.03 | Folts 978 Province Lake Rd      | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.04 | Parker 968 Province Lake Rd     | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.05 | Lavrich 11 Snow Rd              | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.06 | White 10 Snow Rd                | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.07 | Silvia 1019 Province Lake Rd    | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.08 | Center Effingham Baptist Church | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.09 | Libby 1030 Province Lake Rd     | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.1  | Effingham Historical Society    | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.11 | Van Auken 31 Gray Fox Rd        | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |
| 193248.12 | Romanovic 1004 Province Lake Rd | 3/22/19          | 3/21/19         | aqueous          |   | Adheres to Sample Acceptance Policy                   |

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis. Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd Edition or noted Revision year.
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 4th edition, 1992



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April 11, 2019

Vista Work Order No. 1900536

Ms. Jennifer Laramie Eastern Analytical, Inc. 25 Chennell Drive Concord, NH 03301

Dear Ms. Laramie,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on March 28, 2019 under your Project Name '193248 NH 5192'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier

Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 ph: 916-673-1520 fx: 916-673-0106 www.vista-analytical.com

### Vista Work Order No. 1900536 Case Narrative

### **Sample Condition on Receipt:**

Twelve aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

### **Analytical Notes:**

### **PFAS Isotope Dilution Method**

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA, and PFOS include both linear and branched isomers. Results for all other analytes include the linear isomers only.

### **Holding Times**

The samples were extracted and analyzed within the method hold times.

### **Quality Control**

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank. The OPR recoveries were within the method acceptance criteria.

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

Work Order 1900536 Page 2 of 28

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| Certifications     | 21 |
| Sample Receipt     | 24 |

## **Sample Inventory Report**

| Vista<br>Sample ID | Client<br>Sample ID             | Sampled         | Received        | Components/Containers |
|--------------------|---------------------------------|-----------------|-----------------|-----------------------|
| 1900536-01         | Hollister 8 Old Pound Rd        | 21-Mar-19 09:06 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-02         | Folts 984 Province Lake Rd      | 21-Mar-19 13:23 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-03         | Folts 978 Province Lake Rd      | 21-Mar-19 13:30 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-04         | Parker 968 Province Lake Rd     | 21-Mar-19 16:30 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-05         | Lavrich 11 Snow Rd              | 21-Mar-19 09:29 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-06         | White 10 Snow Rd                | 21-Mar-19 11:11 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
| •                  |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-07         | Silvia 1019 Province Lake Rd    | 21-Mar-19 11:49 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-08         | Center Effingham Baptist Church | 21-Mar-19 10:01 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-09         | Libby 1030 Province Lake Rd     | 21-Mar-19 14:08 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-10         | Effingham Historical Society    | 21-Mar-19 10:32 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-11         | Van Auken 31 Gray Fox Rd        | 21-Mar-19 14:31 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |
| 1900536-12         | Romanovic 1004 Province Lake Rd | 21-Mar-19 11:00 | 28-Mar-19 09:38 | HDPE Bottle, 125 mL   |
|                    |                                 |                 |                 | HDPE Bottle, 125 mL   |

Vista Project: 1900536 Client Project: 193248 NH 5192

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### ANALYTICAL RESULTS



| Client Data       |  |            |              |  | Laboratory Data  |              |           |                   |                 |   |
|-------------------|--|------------|--------------|--|--|--------------|-----------|-------------------|-----------------|---|
| Name:<br>Project: | Eastern Analytical, Inc.<br>193248 NH 5192   |            | Matrix:      | Aqueous  | Lab Sample:  | B9D0005-BLK1 | 3LK1      | Column:           | BEH C18         |   |
| Analyte           |  | CAS Number | Conc. (ng/L) |  | RL Qualifiers  | Batch        | Extracted | Samp Size         | Analyzed        | Dilution  |
| PFBA              |  | 375-22-4   | ďŊ           | And the second control of the second control | 4.00   | B9D0005      | 01-Anr-19 | 0 125 L           | 02-Anr-19 19:45 | 1   |
| PFPeA             | THE RESERVE THE PROPERTY OF TH | 2706-90-3  | ND           | e destablication of instancians interest and a detail of destail assessment of indicate instance instance in terms of inspect  | 4.00   | B9D0005      | 01-Apr-19 |                   | 02-Apr-19 19:45 | - 100 to |
| PFBS              |  | 375-73-5   | j            |  | 4,00   |              | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 |   |
| PFHxA             |  | 307-24-4   | ND           |  | 4.00   | 1            | 01-Apr-19 |                   | 02-Apr-19 19:45 | _   |
| PFHpA             |  | 375-85-9   | ND           |  | 4.00   | B9D0005      | 01-Apr-19 |                   | 02-Apr-19 19:45 |   |
| FHxS              | dans Wilderf Mildernas Car Vinandas - Manie New Carker Carker as a consultance Care  | 355-46-4   | ND           | _  | 4.00   | B9D0005      | 01-Apr-19 |                   | 02-Apr-19 19:45 | _   |
| PFOA              | The state of the s | 335-67-1   | Ą            |  | 4.00   | B9D0005      | 01-Apr-19 | 0,125 L           | 02-Apr-19 19:45 |   |
| PFNA              | denoteire commune de la didestrations accommitmentaliques accidistration   | 375-95-1   | ND           |  | 4.00   | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 | _   |
| FOS               |  | 1763-23-1  | ÄÐ           |  | 4.00   | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 | _   |
| Labeled Standards | S  | Type       | % Recovery   | Limits   | Qualifiers   | Batch        | Extracted | Samp Size         |                 | Dilution  |
| 3C3-PFBA          | adamaterithini ngga materia, manadan da da bakata.   | IS         | 94.8         | 60 - 130   |  | B9D0005      | 01-Apr-19 | $0.125\mathrm{L}$ | 02-Apr-19 19:45 | _   |
| 3C3-PFPeA         |  | IS         | 89.3         | 60 - 150   |  | B9D0005      | 01-Apr-19 | $0.125\mathrm{L}$ | 02-Apr-19 19:45 |   |
| 3C3-PFBS          |  | SI         | 91.9         | 60 - 150   |  | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 | _   |
| 3C2-PFHxA         |  | IS         | 92,1         | 70 - 130   |  | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 |   |
| 3С4-РЕНрА         | THE SECOND SECOND CONTRACTOR SECOND S | S          | 96.8         | 60 - 150   | and state of contract of the state of the st | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 | _   |
| 18O2-PFHxS        |  | IS         | 95,0         | 60 - 130   |  | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 | -   |
| 3C2-PFOA          | Statement of Made Advisor Charles Inc. Statement   | SI         | 83.8         | 60 - 130   |  | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 | _   |
| 13C5-PFNA         |  | SI         | 80.6         | 50 - 130   |  | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 | <b>—</b>  |
| 3C8-PFOS          |  | IS         | 88.7         | 60 - 130   |  | B9D0005      | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:45 |   |



| Sample ID: OPR  |            |                  |             |         |             |  |             |           | PFAS Iso          | PFAS Isotope Dilution Method | Method      |
|---|------------|------------------|-------------|---------|-------------|--|-------------|-----------|-------------------|------------------------------|-------------|
| Client Data   |            |                  |             |         | Laborat     | Laboratory Data  |             |           |                   |                              |             |
| Name: Eastern Analytical, Inc.<br>Project: 193248 NH 5192 | ·          | Matrix:          | Aqueous     |         | Lab Sample: | ıple:  | B9D0005-BS1 | 3S1       | Column:           | BEH C18                      |             |
| Analyte   | CAS Number | Amt Found (ng/L) | Spike Amt % | % Rec ] | Limits Qu   | Qualifiers   | Batch       | Extracted | Samp Size         | Analyzed                     | Dilution    |
| PFBA  | 375-22-4   | 88.3             | 80.0        | 110     | 70 - 130    |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | 1           |
| PFPeA   | 2706-90-3  | 88.1             | 80.0 1      | 110     | 70 - 130    | The second secon | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | 1           |
| PEBS  | 375-73-5   | 86.8             | 80.0        | 108     | 70 - 130    |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              |             |
| PFHxA   | 307-24-4   | 88.9             |             |         | 70 - 130    |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | _           |
| PEHPA   | 375-85-9   | 87.7             | .0.0        | 110     | 70 - 130    |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              |             |
| PFHxS   | 355-46-4   | 81.4             |             |         | 70 - 130    |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | _           |
| PFOA  | 335-67-1   | 86,7             |             |         | 70 - 130    |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | <b>1</b>    |
| PFNA  | 375-95-1   | 85.3             | 80.0 1      | 107     | 70 - 130    |  | B9D0005     | 01-Apr-19 | $0.125\mathrm{L}$ | 02-Apr-19 19:34              | _           |
| PFOS  | 1763-23-1  | 74.8             | 80.0 9      | 93.5    | 70 - 130    |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | <b>l</b> →- |
| Labeled Standards   |            | Type             | %           | % Rec   | Limits Qu   | Qualifiers   | Batch       | Extracted | Samp Size         | Analyzed                     | Dilution    |
| 13C3-PFBA   |            | IS               | 9           | 93.1    | 60- 130     |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | 1           |
| 13C3-PFPeA  |            | SI               | 9           |         | 60- 150     |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              |             |
| 13C3-PFBS   |            | IS               | 9           | 95.5    | 60- 150     |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | 1           |
| 13C2-PFHxA  |            | SI               | 9           | 95.9    | 70- 130     |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              |             |
| 13C4-PFHpA  |            | SI               | 9           |         | 60- 150     |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | 1           |
| 18O2-PFHxS  |            | SI               | 9           | 95.2    | 60-130      |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | 1           |
| 13C2-PFOA   |            | SI               |             | 88.5    | 60- 130     |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | _           |
| 13C5-PFNA   |            | s                | 8           |         | 50 130      |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              |             |
| 13C8-PFOS   |            | IS               |             | 101     | 60- 130     |  | B9D0005     | 01-Apr-19 | 0.125 L           | 02-Apr-19 19:34              | 1           |

Work Order 1900536

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| Sample ID: Hollister 8 Old Pound Rd                       | Pound Rd             |                         |   |  |                               |              | PFAS Ison          | PFAS Isotope Dilution Method                                       | Method   |
|---|----------------------|-------------------------|---|--|-------------------------------|--------------|--------------------|--|----------|
| Client Data   |                      |                         |   | Laboratory Data  |                               |              |                    |  |          |
| Name: Eastern Analytical, Inc.<br>Project: 193248 NH 5192 | tical, Inc.<br>192   | Matrix: Date Collected: | Aqueous<br>21-Mar-19 09:06  | Lab Sample: Date Received:   | 1900536-01<br>28-Mar-19 09:38 | 09:38        | Column:            | BEH C18  |          |
| Analyte   | CAS Number           | Conc. (ng/L)            |   | RL Qualifiers  | Batch                         | Extracted    | Samp Size          | Analyzed   | Dilution |
| PFBA  | 375-22-4             | Ð                       |   | 4.41   | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | 1        |
| PFPeA   | 2706-90-3            | ND                      |   | 4.41   | B9D0005                       | 01-Apr-19    | $0.113\mathrm{L}$  | 02-Apr-19 19:55  | 1        |
| PRBS  | 375-73-5             | Ą                       |   | 4.41   | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | <b>+</b> |
| PFHxA   | 307-24-4             | ND                      |   | 4.41   | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | 1        |
| PFHpA   | 375-85-9             | N                       |   | 4.41   | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  |          |
| PFHxS   | 355-46-4             | ND                      | and order Charles of The Control of Market Co. Control of To Mile Control of Market | 4.41   | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | 1        |
| PFOA  | 335-67-1             | ð                       |   | 4.41   | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  |          |
| PFNA  | 375-95-1             | ND                      |   | 4.41   | B9D0005                       | 01-Apr-19    | $0.113\mathrm{L}$  | 02-Apr-19 19:55  | -        |
| PFOS  | 1763-23-1            | Ĭ                       |   | 4.41   | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  |          |
| Labeled Standards   | Туре                 | % Recovery              | Limits  | Qualifiers   | Batch                         | Extracted    | Samp Size          | Analyzed   | Dilution |
| 13C3-PFBA   | IS                   | 96.0                    | 60 - 130  |  | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | <b>—</b> |
| 13C3-PFPeA  | 7                    | 94.4                    | 60 - 150  |  | B9D0005                       | 01-Apr-19    | $0.113~\mathrm{L}$ | 02-Apr-19 19:55  |          |
| 13C3-PFBS   | SI                   | 102                     | 60 - 150  |  | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | _        |
| 13C2-PFHxA  | SI                   | 95,8                    | 70 - 130  |  | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  |          |
| 13C4-PFHpA  | SI                   | 98.1                    | 60 - 150  | designation framework is not securely and subject to the second s | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | -        |
| 18O2-PFHxS  | S                    | 97.3                    | 60 - 130  |  | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  |          |
| 13C2-PFOA   |                      | 93.3                    | 60 - 130  | nd (star nichtliche bestätze de  | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | _        |
| 13C5-PFNA   | S                    | 86.8                    | 50 - 130  |  | B9D0005                       | 01-Apr-19    | $0.113\mathrm{L}$  | 02-Apr-19 19:55  | _        |
| 13C8-PFOS   | IS                   | 88.5                    | 60 - 130  |  | B9D0005                       | 01-Apr-19    | 0.113 L            | 02-Apr-19 19:55  | 1        |
|   | RL - Reporting limit | Results reported to RL  | Ĭ.  | When repo  | orted, PFHxS, P               | FOA, PFOS, M | eFOSAA and EtF     | When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both |          |

linear and branched isomers. Only the linear isomer is reported for all other analytes.



| Aqueous  21-Mar-19 13:23  RI Onalifare                         | 1900536-02<br>28-Mar-19 09:38                        |  | Column:   | Column: BEH C18  |  |
|--|--|--|---|--|--|
| Lab Sar<br>Date Re   | 1900536-02<br>28-Mar-19 0                            |  | Column:   | BEH C18  |  |
| Date Re  | 28-Mar-19 0  |  |   |  |  |
|  |  | 1  |   |  |  |
|  | Batch  | Extracted S  | Samp Size   | Analyzed I   | Dilution   |
| 4.15   |  |  | $0.120\mathrm{L}$ 0   | 2-Apr-19 20:06   |  |
| 4.15   |  |  |   | 2-Apr-19 20:06   | _  |
| 4.15   | B9D0005 (  |  | 0.120  L = 0  | 12-Apr-19 20:06  |  |
| 4.15   | B9D0005 (  |  | 0.120 L 0   | 12-Apr-19 20:06  | <u>,                                    </u>   |
| 4.15   | B9D0005 (  |  | 0.120 L 0   | 12-Apr-19 20:06  |  |
| 4.15   | B9D0005 (  |  | 0.120 L 0   | 12-Apr-19 20:06  | _  |
| 4.15   | B9D0005 (  |  | 0.120 L = 0   | 12-Apr-19 20:06  | -  |
| 4.15   | B9D0005 (  |  | 0.120 L 0   | 12-Apr-19 20:06  | _  |
| 4.15   | B9D0005 (  |  | $0.120 { m L} = 0$  | 12-Apr-19 20:06  | -  |
| Limits Qualifiers  | Batch  |  | amp Size  | Analyzed I   | Dilution   |
| 60 - 130   | B9D0005 (  |  | 0.120 L 0   | )2-Apr-19 20:06  | _  |
| 60 - 150   | B9D0005 (  |  | $0.120  \mathrm{L} = 0$   | )2-Apr-19 20:06  | -  |
| 150  | B9D0005 (  |  | 0.120 L 0   | )2-Apr-19 20:06  | <u>,                                    </u>   |
| 130  | B9D0005 (  | ŽIII.<br>Viit  | $0.120\mathrm{L}$ 0   | 12-Apr-19 20:06  |  |
| 150  | B9D0005 (  |  | 0.120 L 0   | )2-Apr-19 20:06  | 1  |
| 130  | B9D0005 (  |  | $0.120\mathrm{L}$ 0   | )2-Apr-19 20:06  |  |
| 130  | B9D0005 (  |  | 0.120 L 0   | )2-Apr-19 20:06  | _  |
| 130  | B9D0005 (  |  | $0.120 \mathrm{L} = 0$  | 12-Apr-19 20:06  | <b>—</b>   |
| 60 - 130   | B9D0005 (  |  | 0.120 L 0   | 02-Apr-19 20:06  | _  |
| - [1] : [2] [1] [2] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4 | 4.15<br>4.15<br>4.15<br>4.15<br>4.15<br>4.15<br>4.15 | 4.15 B9D0005 6.15 B9D0005 6.16 B9D0005 6.16 B9D0005 6.17 B9D0005 | 4.15 B9D0005 01-Apr-19 6 B9D0005 01-Apr-19 | 4.15 | 4.15     B9D0005     01-Apr-19     0.120 L     02-Apr-19 20:06       B9D0005     01-Apr-19     0.120 L     02-A |

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|               | When reported, PFHxS, PFOA, PFOS, McFOSAA and EfFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other | ∍FOSAA and EtI<br>∍ar isomer is repo | PFOA, PFOS, Me     | orted, PFHxS,                 | When rep   | L,                             | Results reported to RL     | RL - Reporting limit | RL   |                   |
|---------------|--|--------------------------------------|--------------------|-------------------------------|--|--------------------------------|----------------------------|----------------------|--|-------------------|
| 1             | 02-Apr-19 20:16  | $0.118\mathrm{L}$                    | 01-Apr-19          | B9D0005                       |  | 60 - 130                       | 94.0                       | IS                   |  | 13C8-PFOS         |
| _             | 02-Apr-19 20:16  | 0.118 L                              | 01 <b>-</b> Apr-19 | B9D0005                       |  | 50 - 130                       | 87.3                       | R                    |  | 13C5-PFNA         |
|               | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       |  | 60 - 130                       | 88.9                       | SI                   |  | 13C2-PFOA         |
|               | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       |  | 60 - 130                       | 90.8                       | IS                   |  | 1802-PFHxS        |
| _             | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       | edinorma in the contract of th | 60 - 150                       | 96.5                       | SI                   |  | 13C4-PFHpA        |
|               | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       |  | 70-130                         | 91.9                       | SI                   |  | 13C2-PFHxA        |
| 1             | 02-Apr-19 20:16  | $0.118\mathrm{L}$                    | 01-Apr-19          | B9D0005                       |  | 60 - 150                       | 105                        | IS                   | des de trom est confidence en des contratos de la contratos de la contratos de la contratos de la contratos de | 13C3-PFBS         |
|               | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       |  | 60-150                         | 88.7                       | IS                   |  | 13C3-PFPeA        |
| -             | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       | decemberated defending descriptions and sandages.  | 60 - 130                       | 94.6                       | SI                   | nait nakera tikikat ataal ataanaka salat naka salahanis m  | 13C3-PFBA         |
| Dilution      | Analyzed   | Samp Size                            | Extracted          | Batch                         | Qualifiers   | Limits                         | % Recovery                 | Туре                 | ards   | Labeled Standards |
|               | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       | 5  | 4.25                           | ND                         | 1763-23-1            |  | PFOS              |
|               | 02-Apr-19 20:16  | $0.118\mathrm{L}$                    | 01-Apr-19          | B9D0005                       |  | 4.22                           | ND                         | 375-95-1             |  | PFNA              |
|               | 02-Apr-19 20:16  | $0.118\mathrm{L}$                    | 01-Apr-19          | B9D0005                       | 5  | 4.25                           | ZD                         | 335-67-1             |  | PFOA              |
| _             | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       | 2  | 4.25                           |                            | 355-46-4             | menter este este fran 1950 i Bustidaid III. i dan elektroat dans estada este adam est.                         | PFHxS             |
| 4             | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       |  | 4.23                           | M                          | 375-85-9             |  | PFHpA             |
| _             | 02-Apr-19 20:16  | $0.118\mathrm{L}$                    | 01-Apr-19          | B9D0005                       | 5  | 4.25                           | ND                         | 307-24-4             |  | PFHxA             |
|               | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       |  | 4.22                           | Ä                          | 375-73-5             |  | PFBS              |
| <b>,</b>      | 02-Apr-19 20:16  | $0.118\mathrm{L}$                    | 01-Apr-19          | в9D0005                       | 5  | 4.25                           | ND                         | 2706-90-3            | i minamiliaishdiffan ena eatas muadaadha e e e mue e e a cean  | PFPeA             |
| _             | 02-Apr-19 20:16  | 0.118 L                              | 01-Apr-19          | B9D0005                       |  | $42^{\iota}$                   | ND                         | 375-22-4             |  | PFBA              |
| Dilution      | Analyzed   | Samp Size                            | Extracted          | Batch                         | Qualifiers   | RL                             | Conc. (ng/L)               | CAS Number           |  | Analyte           |
|               | BEH C18  | Column:                              | )3<br>} 09:38      | 1900536-03<br>28-Mar-19 09:38 | Lab Sample:<br>Date Received:  | Aqueous L<br>21-Mar-19 13:30 L | Matrix:<br>Date Collected: | nc.                  | Eastern Analytical, Inc<br>193248 NH 5192  | Name:<br>Project: |
|               |  |                                      |                    |                               | Laboratory Data  | I                              |                            |                      |  | Client Data       |
| <b>Tethod</b> | PFAS Isotope Dilution Method   | PFAS Iso                             |                    |                               |  |                                |                            | Lake Rd              | Sample ID: Folts 978 Province Lake Rd  | Sample ID:        |
|               |  |                                      |                    |                               |  |                                |                            |                      |  |                   |

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|               | When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both | FOSAA and Etl     | PFOA, PFOS, Me | orted, PFHxS,   | When rep  | I.   | Results reported to RL | RL - Reporting limit | RL-Re   |                   |
|---------------|--|-------------------|----------------|-----------------|---|--|------------------------|----------------------|---|-------------------|
| 1             | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         |   | 60 - 130   | 99.7                   | IS                   |   | 13C8-PFOS         |
| -             | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         |   | 50 - 130   | 89.1                   | 2                    |   | 13C5-PFNA         |
|               | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         | principal III resistancias de constituente de | 60 - 130   | 88.1                   | IS                   |   | 13C2-PFOA         |
| -             | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         |   | 60-130   | 91,8                   | Z                    |   | 1802-PFHxS        |
| _             | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         |   | 60 - 150   | 97.1                   | IS                   | A CONTRACT OF THE PROPERTY OF | 13C4-PFHpA        |
|               | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         |   | 70 - 130   | 97.2                   | 15                   |   | 13C2-PFHxA        |
| _             | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         |   | 60 - 150   | 99.0                   | IS                   | e e e estandino. El Cofficial de el Verdibile e esta que como Cida marelha el un masa ma  | 13C3-PFBS         |
| -             | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         |   | 60 - 150   | 91.3                   | IS                   |   | 13C3-PFPeA        |
| 1             | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         |   | 60 - 130   | 96.1                   | IS                   |   | 13C3-PFBA         |
| Dilution      | Analyzed   | Samp Size         | Extracted      | Batch           | Qualifiers  | Limits   | % Recovery             | Туре                 | ards  | Labeled Standards |
| -             | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         | 4.34  |  | NB                     | 1763-23-1            |   | PFOS              |
| 1             | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         | 1.34  | alterahelaski kurkarani ara dakaran andaran dakaran karan 🔻 🕇  |                        | 375-95-1             | Francisco fores is now of constitution includes including continues for the second large in   | PFNA              |
|               | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         | 1.34  |  | Ą                      | 335-67-1             |   | PFOA              |
| 1             | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         | 4.34  | ide pelakes, standitas tasanos inchalidas imor malaitas is se tot tot suscents su<br>7   |                        | 355-46-4             | uktorover z Star 1934 – rodženak Stuženanski z zuda niek za rožek su rožnak.  | PFHxS             |
|               | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         | .34   | 7  | Ä                      | 375-85-9             |   | PFHpA             |
| _             | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         | 1.34  | _  | A                      | 307-24-4             |   | PFHxA             |
|               | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         | 1.34  |  | Ą                      | 375-73-5             |   | PFBS              |
| 1             | 02-Apr-19 20:27  | $0.115\mathrm{L}$ | 01-Apr-19      | B9D0005         | 1.34  | 4  | M                      | 2706-90-3            | nalised dates all conversable anniverse and the state of the little and the state of the state of the state of  | PFPeA             |
| 1             | 02-Apr-19 20:27  | 0.115 L           | 01-Apr-19      | B9D0005         | 4.34  |  | ð                      | 375-22-4             |   | PFBA              |
| Dilution      | Analyzed   | Samp Size         | Extracted      | Batch           | RL Qualifiers   |  | Conc. (ng/L)           | CAS Number           |   | Analyte           |
|               |  |                   | 09:38          | 28-Mar-19 09:38 | Date Received:  | 21-Mar-19 16:30  | Date Collected:        |                      | 193248 NH 5192  | Project:          |
|               | BEH C18  | Column:           | 4              | 1900536-04      | Lab Sample:   | Aqueous  | Matrix:                |                      | Eastern Analytical, Inc.  | Name:             |
|               |  |                   |                |                 | Laboratory Data   |  |                        |                      |   | Client Data       |
| <b>1ethod</b> | PFAS Isotope Dilution Method                                       | PFAS Iso          |                |                 |   |  |                        | ake Rd               | Sample ID: Parker 968 Province Lake Rd  | Sample ID:        |
|               |  |                   |                |                 |   | and the second s |                        |                      |   |                   |

Inear and branched isomers. Only the linear isomer is reported for all other analytes.



|  | When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both | eFOSAA and Et     | PFOA. PFOS. Me | ported PFHxS.                 | When re  | 'L.  | Results reported to RL     | RL - Reporting limit | RL   |                   |
|--|--|-------------------|----------------|-------------------------------|--|--|----------------------------|----------------------|--|-------------------|
| _  | 02-Apr-19 20:38  | $0.117\mathrm{L}$ | 01-Apr-19      | B9D0005                       |  | 60 - 130   | 98.9                       | IS                   |  | 13C8-PFOS         |
| -  | 02-Apr-19 20:38  | 0.117L            | 01-Apr-19      | B9D0005                       |  | 50 - 130   | 87.0                       | SI                   |  | 13C5-PFNA         |
| 1  | 02-Apr-19 20:38  | 0.117L            | 01-Apr-19      | B9D0005                       |  | 60 - 130   | 88.7                       | IS                   |  | 13C2-PFOA         |
| -  | 02-Apr-19 20:38  | $0.117\mathrm{L}$ | 01-Apr-19      | B9D0005                       |  | 60 - 130   | 92,5                       | SI                   |  | 18O2-PFHxS        |
| 1  | 02-Apr-19 20:38  | $0.117\mathrm{L}$ | 01-Apr-19      | B9D0005                       | Titte is suddentiff a referencement ordered and a successive and a second secon | 60 - 150   | 101                        | SI                   | and the control of th | 13C4-PFHpA        |
| 1  | 02-Apr-19 20:38  | 0.117L            | 01-Apr-19      | B9D0005                       |  | 70 - 130   | 98,1                       | 2                    |  | 13C2-PFHxA        |
| <u>,                                    </u> | 02-Apr-19 20:38  | $0.117\mathrm{L}$ | 01-Apr-19      | B9D0005                       |  | 60 - 150   | 98.9                       | SI                   |  | 13C3-PFBS         |
| <b>-</b>                                     | 02-Apr-19 20:38  | 0.117L            | 01-Apr-19      | B9D0005                       |  | 60 - 150   | 93.6                       | 55                   |  | 13C3-PFPeA        |
| _  | 02-Apr-19 20:38  | 0.117 L           | 01-Apr-19      | B9D0005                       | the state of the s | 60 - 130   | 96.0                       | SI                   | Richard of members a late of table of the Alf Mark of the Cold of the Alf  | 13C3-PFBA         |
| Dilution                                     | Analyzed   | Samp Size         | Extracted      | Batch                         | Qualifiers   | Limits   | % Recovery                 | Type                 | ırds   | Labeled Standards |
| 1  | 02-Apr-19 20:38  | 0.117 L           | 01-Apr-19      | B9D0005                       | 4.27   |  | ND                         | 1763-23-1            |  | PFOS              |
| 1  | 02-Apr-19 20:38  | $0.117\mathrm{L}$ | 01-Apr-19      | B9D0005                       | 4.27   | ina contradiction con l'all distance de la principal de la principal de la contradiction de la contradiction de  | ND                         | 375-95-1             | and and an analysis of the contract of the con | PFNA              |
| -  | 02-Apr-19 20:38  | 0.117L            | 01-Apr-19      | B9D0005                       | 4.27   |  | ð                          | 335-67-1             |  | PFOA              |
| _  | 02-Apr-19 20:38  | $0.117\mathrm{L}$ | 01-Apr-19      | B9D0005                       | 4.27   | and annual and the design of the state of the   | ND                         | 355-46-4             | audic 2008 benedian Mark (2008 benedian benedian Market volumera (2008 benedian Market) (2008 benedian benedia   | PFHxS             |
| -  | 02-Apr-19 20:38  | 0.117 L           | 01-Apr-19      | B9D0005                       | 4.27   |  | ND                         | 375-85-9             |  | PFHpA             |
|  | 02-Apr-19 20:38  | 0.117L            | 01-Apr-19      | B9D0005                       | 4.27   |  | ND                         | 307-24-4             |  | PFHxA             |
| _  | 02-Apr-19 20:38  | 0.1171            | 01-Apr-19      | B9D0005                       | 4.27   |  | Ā                          | 375-73-5             |  | PFBS              |
| <b></b>                                      | 02-Apr-19 20:38  | $0.117\mathrm{L}$ | 01-Apr-19      | B9D0005                       | 4.27   |  | ND                         | 2706-90-3            | aadit aõltaaba kaltaitikalisa on 1 kaagadalba tuuraabattiaan   | PFPeA             |
| _  | 02-Apr-19 20:38  | 0.117L            | 01-Apr-19      | B9D0005                       | 4.27   | Company of the Compan | J                          | 375-22-4             |  | PFBA              |
| Dilution                                     | Analyzed   | Samp Size         | Extracted      | Batch                         | RL Qualifiers  |  | Conc. (ng/L)               | CAS Number           |  | Analyte           |
|  | ı: BEH C18   | Column:           | 15<br>109:38   | 1900536-05<br>28-Mar-19 09:38 | Lab Sample: Date Received:   | Aqueous<br>21-Mar-19 09:29   | Matrix:<br>Date Collected: | <u>,</u>             | Eastern Analytical, Inc.<br>193248 NH 5192   | Name:<br>Project: |
|  |  |                   |                |                               | Laboratory Data  |  |                            |                      |  | Client Data       |
| <b>Aethod</b>                                | PFAS Isotope Dilution Method                                       | PFAS Iso          |                |                               |  |  |                            |                      | Sample ID: Lavrich 11 Snow Rd  | Sample ID: 1      |
|  |  |                   |                | 1                             |  |  |                            |                      |  |                   |

linear and branched isomers. Only the linear isomer is reported for all other analytes.

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|                             |  |            |                 |   |   |                 |           |                   | The same of the sa | o to the Charles and make the second |
|-----------------------------|--|------------|-----------------|---|---|-----------------|-----------|-------------------|--|--------------------------------------|
| Sample ID: White 10 Snow Rd | ite 10 Snow Rd   |            |                 |   |   |                 |           | PFAS Isot         | PFAS Isotope Dilution Method   | Method                               |
| Client Data                 |  |            |                 | nite en el    | Laboratory Data   |                 |           |                   |  |                                      |
| Name: I                     | Eastern Analytical, Inc.   |            | Matrix:         | Aqueous   | Lab Sample:   | 1900536-06      | 5         | Column:           | BEH C18  |                                      |
| Project:                    | 193248 NH 5192   |            | Date Collected: | 21-Mar-19 11:11                                   | Date Received:  | 28-Mar-19 09:38 | 09:38     |                   |  |                                      |
|                             |  |            |                 |   |   |                 |           |                   |  |                                      |
| Analyte                     |  | CAS Number | Conc. (ng/L)    |   | RL Qualifiers   | Batch           | Extracted | Samp Size         | Analyzed   | Dilution                             |
| PFBA                        |  | 375-22-4   | ND              |   | 4.27  | B9D0005         | 01-Apr-19 | 0.117L            | 02-Apr-19 21:09  | ) 1                                  |
| PFPeA                       |  | 2706-90-3  | Y               |   | 4.27  | B9D0005         | 01-Apr-19 | $0.117\mathrm{L}$ | 02-Apr-19 21:09  | ш                                    |
| PFBS                        |  | 375-73-5   | ਰੋ              |   | 4.27  | B9D0005         | 01-Apr-19 | 0.117 L           | 02-Apr-19 21:09  | 1                                    |
| PFHxA                       |  | 307-24-4   | N N             |   | 4.27  | B9D0005         | 01-Apr-19 | $0.117\mathrm{L}$ | 02-Apr-19 21:09  | _                                    |
| PFHpA                       |  | 375-85-9   | j               |   | 4.27  | B9D0005         | 01-Apr-19 | 0.117L            | 02-Apr-19 21:09  |                                      |
| PFHxS                       |  | 355-46-4   | ND              |   | 4.27  | B9D0005         | 01-Apr-19 | $0.117\mathrm{L}$ | 02-Apr-19 21:09  | 1                                    |
| PFOA                        |  | 335-67-1   | Ā               |   | 4.27  | B9D0005         | 01-Apr-19 | 0.1171            | 02-Apr-19 21:09  | 1                                    |
| PFNA                        | angretika mama adamenti mamanindi akumaninta mito  | 375-95-1   | ND              | mermanieninga damenina en meranimienen internamia | 4.27  | B9D0005         | 01-Apr-19 |                   | 02-Apr-19 21:09  | 1                                    |
| PFOS                        |  | 1763-23-1  | ND              |   | 4.27  | B9D0005         | 01-Apr-19 | 0.117 L           | 02-Apr-19 21:09  | 1                                    |
| Labeled Standards           |  | Type       | % Recovery      | Limits  | Qualifiers  | Batch           | Extracted | Samp Size         | Analyzed   | Dilution                             |
| 13C3-PFBA                   |  | IS         | 95.3            | 60 - 130  | Company of the second control of the second | B9D0005         | 01-Apr-19 | $0.117\mathrm{L}$ | 02-Apr-19 21:09  | _                                    |
| 13C3-PFPeA                  |  | S          | 90.0            | 60 - 150  |   | B9D0005         | 01-Apr-19 | 0.117L            | 02-Apr-19 21:09  | Н                                    |
| 13C3-PFBS                   |  | IS         | 103             | 60 - 150  |   | B9D0005         | 01-Apr-19 |                   | 02-Apr-19 21:09  | _                                    |
| 13C2-PFHxA                  |  | ıs         | 94,0            | 70 - 130  |   | B9D0005         | 01-Apr-19 | 0.1171            | 02-Apr-19 21:09  | 1                                    |
| 13C4-PFHpA                  | e describe de la companya del companya de la companya del companya de la companya del la companya de la company | IS         | 96,4            | 60 - 150  |   | B9D0005         | 01-Apr-19 | $0.117\mathrm{L}$ | 02-Apr-19 21:09  | <b>,</b>                             |
| 1802-PFHxS                  |  | IS.        | 89,4            | 60 - 130  |   | B9D0005         | 01-Apr-19 | 0.117L            | 02-Apr-19 21:09  | 1                                    |
| 13C2-PFOA                   |  | SI         | 88.5            | 60 - 130  |   | B9D0005         | 01-Apr-19 | $0.117\mathrm{L}$ | 02-Apr-19 21:09  | -                                    |
| 13C5-PFNA                   |  | IJ         | 86.2            | 50 - 130  |   | B9D0005         | 01-Apr-19 | 0.117 L           | 02-Apr-19 21:09  | <u>-</u>                             |
| 13C8-PFOS                   |  | IS         | 104             | 60 - 130  |   | B9D0005         | 01-Apr-19 | $0.117\mathrm{L}$ | 02-Apr-19 21:09  | 1                                    |

analytes. When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other

RL - Reporting limit

Results reported to RL.



| Client Data Name: Ea | Eastern Analytical, Inc  | 3.            | Matrix:         | Aqueous  | Laboratory Data Lab Sample: | 1900536-07      | 7         | Column:           | BEH C18         |          |
|----------------------|--|---------------|-----------------|--|-----------------------------|-----------------|-----------|-------------------|-----------------|----------|
| Project: 19          | 193248 NH 5192   |               | Date Collected: | 21-Mar-19 11:49  | Date Received:              | 28-Mar-19 09:38 | 09:38     |                   |                 |          |
| Analyte              |  | CAS Number    | Conc. (ng/L)    |  | RL Qualifiers               | Batch           | Extracted | Samp Size         | Analyzed ]      | Dilution |
| PFBA                 |  | 375-22-4      | ď               |  | 4.30                        | В9Д0005         | 01-Apr-19 | 0.116L            | 02-Apr-19 21:20 | 1        |
| FPeA                 | Table Co. The Confedence of th | 2706-90-3     | ND              | See the see that the second without the see that the second term of the second terms o | 4.30                        | B9D0005         | 01-Apr-19 |                   | 02-Apr-19 21:20 | 1        |
| PFBS                 |  | 375-73-5      | 6,44            |  | 4.30                        | B9D0005         | 01-Apr-19 |                   | 02-Apr-19 21:20 | -        |
| PFHxA                |  | 307-24-4      | ND              |  | 4.30                        | B9D0005         | 01-Apr-19 | $0.116\mathrm{L}$ | 02-Apr-19 21:20 | _        |
| PEHpA                |  | 375-85-9      | A               |  | 4.30                        | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 |          |
| FHxS                 |  | 355-46-4      | ND              |  | 4.30                        | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 | _        |
| PFOA                 |  | 335-67-1      | A               |  | 4.30                        | B9D0005         | 01-Apr-19 | 0.116L            | 02-Apr-19 21:20 | _        |
| PFNA                 |  | 375-95-1      | ND              |  | 4.30                        | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 | _        |
| FOS                  |  | 1763-23-1     | ŊD              |  | 4.30                        | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 | 1        |
| Labeled Standards    |  | Туре          | % Recovery      | Limits   | Qualifiers                  | Batch           | Extracted | Samp Size         |                 | Dilution |
| 3C3-PFBA             |  | SI            | 95.5            | 60 - 130   |                             | B9D0005         | 01-Apr-19 | $0.116\mathrm{L}$ | 02-Apr-19 21:20 | _        |
| 3C3-PFPeA            |  | IS            | 90,2            | 60 - 150   |                             | B9D0005         | 01-Apr-19 |                   | 02-Apr-19 21:20 | -        |
| 3C3-PFBS             |  | IS            | 92.7            | 60 - 150   |                             | B9D0005         | 01-Apr-19 |                   | 02-Apr-19 21:20 | _        |
| l3C2-PFHxA           |  | IS            | 94.7            | 70 - 130   |                             | B9D0005         | 01-Apr-19 | 0.116L            | 02-Apr-19 21:20 | ,_       |
| 3C4-PFHpA            |  | IS            | 101             | 60 - 150   |                             | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 | 1        |
| 8O2-PFHxS            |  | SI            | 93,1            | 60 - 130   |                             | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 | -        |
| 3C2-PFOA             |  | IS            | 87.0            | 60 - 130   |                             | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 | _        |
| 3C5-PFNA             |  | $\mathbf{IS}$ | 83.9            | 50-130   |                             | B9D0005         | 01-Apr-19 | 0.116L            | 02-Apr-19 21:20 | _        |
| I3C8-PFOS            |  | IS            | 101             | 60 - 130   |                             | B9D0005         | 01-Apr-19 | 0.116 L           | 02-Apr-19 21:20 | <b>—</b> |



|          | linear and branched isomers. Only the linear isomer is reported for all other | ear isomer is repo | ors. Only the line | branched isome                | linear and   |                              |  |                      |  |                            |
|----------|---|--------------------|--------------------|-------------------------------|--|------------------------------|--|----------------------|--|----------------------------|
|          | When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both            | FOSAA and EtFo     | FOA, PFOS, Me      | orted, PFHxS, P               | When rep   |                              | Results reported to RL.  | RL - Reporting limit | RL-1   |                            |
| 1        | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       |  | 60 - 130                     | 83.3   | IS                   |  | 13C8-PFOS                  |
|          | 02-Apr-19 21:31   | 0.118L             | 01-Apr-19          | B9D0005                       |  | 50 - 130                     | 85.6   | S                    |  | 13C5-PFNA                  |
| _        | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       |  | 60 - 130                     | 85.8   | SI                   |  | 13C2-PFOA                  |
|          | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       |  | 60 - 130                     | 92.6   | IS                   |  | 1802-PFHxS                 |
| _        | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       |  | 60 - 150                     | 98.3   | SI                   | ACCUSAGE OF THE STATE OF THE ST | 13C4-PFHpA                 |
|          | 02-Apr-19 21:31   | 0.118 L            | 01-Apr-19          | B9D0005                       |  | 70 - 130                     | 95.0   | IS                   |  | 13C2-PFHxA                 |
| _        | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | AND THE RESERVE OF THE PROPERTY OF THE PROPERT | 60 - 150                     | 96.1   | SI                   |  | 13C3-PFBS                  |
|          | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       |  | 60 - 150                     | 91.6   | IS                   |  | 13C3-PFPeA                 |
| -        | 02-Apr-19 21:31   | 0.118 L            | 01-Apr-19          | B9D0005                       | , subsectional and advantage traditions with a contribution of the   | 60 - 130                     | 92.9   | SI                   | 19 H. C. Company of the Company of t | 13C3-PFBA                  |
| Dilution | Analyzed D  | Samp Size          | Extracted          | Batch                         | Qualifiers   | Limits                       | % Recovery   | Туре                 | ards   | Labeled Standards          |
|          | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | 2 Q  | 4.2                          | 4.79   | 1763-23-1            |  | PROS                       |
| _        | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | 2  | 4.2                          | ND   | 375-95-1             | to male arms manufarmantandadadada ang ito mala ang ito mala ang ito mala ang ang ang ang ang ang ang ang ang an   | PFNA                       |
|          | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | 2  | 4.2                          | <b>a</b> K   | 335-67-1             | and the second s | PFOA                       |
| <u></u>  | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | 2  | $4.2^\circ$                  | THE CONTINUES OF THE POST OF T | 355-46-4             | ha ann a' fearaigh t' an le atrain. The fear the anadem decard de aid that a're  | PFHxS                      |
|          | 02-Apr-19 21:31   | 0.118 L            | 01-Apr-19          | B9D0005                       | 2  | 4.2                          | ND   | 375-85-9             |  | PFHpA                      |
| 1        | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | 2  | 4.2                          | ND   | 307-24-4             |  | PFHxA                      |
| -        | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | 2  | 4.22                         | J  | 375-73-5             |  | PFBS                       |
| <b>-</b> | 02-Apr-19 21:31   | $0.118\mathrm{L}$  | 01-Apr-19          | B9D0005                       | 2  | 4.2:                         | ND   | 2706-90-3            |  | PFPeA                      |
| 1        | 02-Apr-19 21:31   | 0.118 L            | 01-Apr-19          | B9D0005                       | 2  | 4.22                         | ND   | 375-22-4             | And the second s | PFBA                       |
| Dilution | Analyzed D  | Samp Size          | Extracted          | Batch                         | Qualifiers   | RL                           | Conc. (ng/L)   | CAS Number           |  | Analyte                    |
|          | вен С18   | Column:            | 8<br>09:38         | 1900536-08<br>28-Mar-19 09:38 | Laboratory Data<br>Lab Sample:<br>Date Received:   | Aqueous I<br>21-Mar-19 10:01 | Matrix:<br>Date Collected:   | , v                  | Eastern Analytical, Inc<br>193248 NH 5192  | Client Data Name: Project: |
| ethod    | PFAS Isotope Dilution Method  | PFAS Iso           |                    |                               |  |                              |  | ptist Church         | Sample ID: Center Effingham Baptist Church   | Sample ID:                 |
|          |   |                    |                    |                               |  |                              |  |                      |  |                            |

Page 15 of 28



|          | When reported DEHAS DEOA DEOS MEEOS A and EtEOS A A include both | FOSAA and Eti     | YOA PROS MA | norted PFHvS P                | When rer   |                    |  | Results reported to RL      |                             | RI Reporting limit |   |                   |
|----------|--|-------------------|-------------|-------------------------------|--|--------------------|--|-----------------------------|-----------------------------|--------------------|---|-------------------|
| 1        | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       |  |                    | 60 - 130   | 97.2                        |                             | SI                 |   | 3C8-PFOS          |
| 1        | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       |  |                    | 50 - 130   | 81.6                        |                             | S                  |   | 3C5-PFNA          |
| 1        | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       | Andrews of the control of the contro |                    | 60 - 130   | 84.2                        |                             | IS                 |   | 13C2-PFOA         |
|          | 02-Apr-19 21:41  | 0.114L            | 01-Apr-19   | B9D0005                       |  |                    | 60-130   | 97,8                        |                             | 2                  |   | 802-PFHxS         |
| _        | 02-Apr-19 21:41  | $0.114\mathrm{L}$ | 01-Apr-19   | B9D0005                       |  |                    |  | 96.8                        |                             | SI                 |   | 3C4-PFHpA         |
|          | 02-Apr-19 21;41  | 0.114L            | 01-Apr-19   | B9D0005                       |  |                    | 70 - 130   | 93,2                        |                             | 3                  |   | 3C2-PFHxA         |
| _        | 02-Apr-19 21:41  | $0.114\mathrm{L}$ | 01-Apr-19   | B9D0005                       |  |                    | 60 - 150   | 108                         |                             | IS                 |   | 13C3-PFBS         |
| H        | 02-Apr-19 21:41  | $0.114\mathrm{L}$ | 01-Apr-19   | в9D0005                       |  |                    | 60 - 150   | 92,1                        |                             | JS.                |   | 3C3-PFPeA         |
| Н        | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       |  |                    | 60 - 130   | 96.8                        |                             | IS                 |   | 13C3-PFBA         |
| Dilution | Analyzed l   | Samp Size         | Extracted   | Batch                         | Qualifiers   |                    | Limits   | % Recovery                  | . e                         | Туре               | ndards  | Labeled Standards |
|          | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       |  | 4.40               |  | M                           |                             | 1763-23-1          |   | PFOS              |
|          | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       |  | 4.40               |  | ND                          |                             | 375-95-1           |   | FNA               |
|          | 02-Apr-19 21:41  | 0.114L            | 01-Apr-19   | В9D0005                       |  | 4.40               |  | ð                           |                             | 335-67-1           |   | PFOA              |
| 1        | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       | of the foundation of colors described contract the contract of | 4.40               | Politika and innominational designation of the control of the cont | ND                          | or a double of the standard | 355-46-4           | portugues for a final final final final final for the final | PFHxS             |
|          | 02-Apr-19 21:41  | 0.114L            | 01-Apr-19   | B9D0005                       |  | 4,40               |  | J                           |                             | 375-85-9           |   | PFHpA             |
|          | 02-Apr-19 21:41  | 0.114 L           | 01-Apr-19   | B9D0005                       |  | 4.40               |  | ND                          |                             | 307-24-4           |   | PFHxA             |
| H        | 02-Apr-19 21:41  | $0.114\mathrm{L}$ | 01-Apr-19   | B9D0005                       |  | 4.40               |  | 1                           |                             | 375-73-5           |   | PFBS              |
| 1        | 02-Apr-19 21:41  | $0.114\mathrm{L}$ | 01-Apr-19   | B9D0005                       | THE TAX OF THE PARTY OF THE PAR | 4.40               | nd bookstongoodskil playan opplestering contains to district to  | ND                          |                             | 2706-90-3          |   | PFPeA             |
|          | 02-Apr-19 21:41  | 0.114L            | 01-Apr-19   | B9D0005                       |  | 4.40               |  | A.                          |                             | 375-22-4           |   | PFBA              |
| Dilution | Analyzed   | Samp Size         | Extracted   | Batch                         | Qualifiers   | <br>  <sub> </sub> |  | Conc. (ng/L)                | Con                         | CAS Number         |   | Analyte           |
|          | BEH C18  | Column:           | 9<br>09:38  | 1900536-09<br>28-Mar-19 09:38 | Lab Sample:<br>Date Received:  | L,<br>D,           | Aqueous<br>21-Mar-19 14:08   | Matrix: A Date Collected: 2 |                             | rical, Inc.<br>192 | Eastern Analytical, Inc<br>193248 NH 5192   | Name:<br>Project: |
|          |  |                   |             |                               | Laboratory Data  | L                  |  |                             |                             |                    |   | Client Data       |
| lethod   | PFAS Isotope Dilution Method                                     | PFAS Iso          |             |                               |  |                    |  |                             |                             | ovince Lake Rd     | Sample ID: Libby 1030 Province Lake Rd  | sample ID         |
| boratory | Vista<br>Analytical Laboratory                                   |                   |             |                               |  |                    |  |                             |                             |                    |   |                   |
|          |  |                   |             |                               |  |                    |  |                             |                             |                    |   |                   |

linear and branched isomers. Only the linear isomer is reported for all other analytes.



| Sample ID: Effin. | Sample ID: Effingham Historical Society                                       | ety        |                         |  |  |                               | PFAS Iso   | PFAS Isotope Dilution Method | 1ethod  |
|-------------------|---|------------|-------------------------|--|--|-------------------------------|--|------------------------------|---|
| Client Data       |   |            |                         |  | Laboratory Data  |                               |  |                              |   |
| Name: Ea          | Eastern Analytical, Inc.<br>193248 NH 5192                                    |            | Matrix: Date Collected: | Aqueous<br>21-Mar-19 10:32   | Lab Sample: Date Received:   | 1900536-10<br>28-Mar-19 09:38 | Column:  | BEH C18                      |   |
| Analyte           | CAS   | CAS Number | Conc. (ng/L)            |  | RL Qualifiers  | Batch Exti                    | Extracted Samp Size  | Analyzed                     | Dilution                                      |
| PFBA              | 3   | 375-22-4   | Ä                       | and the second of the second o | 427  | B9D0005 01-/                  | 01-Apr-19 0.117L   | 02-Apr-19 21:52              |   |
| PFPeA             | 27  | 2706-90-3  | ND                      | the foreign factors and the contract of the co | 4.27   | ì                             | Andrew Pro-  | 02-Apr-19 21:52              | <b>—</b> ************************************ |
| PEBS              | ų.  | 375-73-5   | J                       |  | 427  |                               |  | 02-Apr-19 21:52              | -   |
| PFHxA             | 3   | 07-24-4    | ND                      |  | 4.27   | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
| PFIIpA            | S   | 375-85-9   | Ä                       |  | 4.27   |                               |  | 02-Apr-19 21:52              |   |
| PFHxS             |   | 355-46-4   | ND                      |  |  |                               | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              | _   |
| PFOA              |   | 335-67-1   | A                       |  |  | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
| PFNA              | 3   | 375-95-1   | ND                      |  | 4.27   | B9D0005 01-/                  |  | 02-Apr-19 21:52              | _   |
| PFOS              |   | 763-23-1   | ND                      |  | 4.27   | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
| Labeled Standards | T   | Гуре       | % Recovery              | Limits   | Qualifiers   | Batch Ext                     | Extracted Samp Size  |                              | Dilution                                      |
| 13C3-PFBA         | dalahan mengentakan berakan dan dalah dan | SI         | 98.5                    | 60 - 130   |  | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
| 13C3-PFPeA        |   | IS         | 91.6                    | 60 - 150   |  | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              | -   |
| 13C3-PFBS         |   | SI         | 104                     | 60 - 150   |  | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
| 13C2-PFHxA        |   | IS         | 93,2                    | 70 - 130   |  | B9D0005 01-4                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
| 13C4-PFHpA        |   | IS         | 95.9                    | 60 - 150   | and the commence of the commen | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              | _   |
| 18O2-PFHxS        |   | IS         | 95.6                    | 60 - 130   |  | B9D0005 01-4                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
| 13C2-PFOA         |   | IS         | 87.1                    | 60 - 130   |  | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              | -   |
| 13C5-PFNA         |   | IS         | 88.7                    | 50 - 130   |  | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              | <b>—</b>                                      |
| 13C8-PFOS         |   | IS         | 90.1                    | 60 - 130   |  | B9D0005 01-/                  | 01-Apr-19 0.117 L  | 02-Apr-19 21:52              |   |
|                   | RL - Reporting limi   | ng limit   | Results reported to RL  | L,   | When repo  | rted, PFHxS, PFOA,            | When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other | OSAA include both            |   |
|                   |   |            |                         |  | analytes.  |                               | ,  |                              |   |



|          | When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes | When reported, PFHxS, PFOA, PFOS, MeFOSAA and EffOSAA include be linear and branched isomers. Only the linear isomer is reported for all other analyses. | PFOA, PFOS, Moers. Only the lin | orted, PFHxS, I<br>branched isom | When rep<br>linear and<br>analytes  | <b>ፐ</b> .   | Results reported to RL   | RL - Reporting limit |  |                            |
|----------|---|--|---------------------------------|----------------------------------|---|--|--|----------------------|--|----------------------------|
| _        | 02-Apr-19 22:03   | $0.116\mathrm{L}$  | 01-Apr-19                       | B9D0005                          |   | 60 - 130   | 104  | IS                   | OS   | 13C8-PFOS                  |
|          | 02-Apr-19 22:03   | 0.116L   | 01-Apr-19                       | B9D0005                          |   | 50 - 130   | 89.3   | IS                   | ÑΑ   | 13C5-PFNA                  |
| _        | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | definition of the contract of | 60 - 130   | 93.5   |                      |  | 13C2-PFOA                  |
|          | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          |   | 60 - 130   | 106  | IS                   | HXS  | 1802-PFHxS                 |
| <b>,</b> | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | on' arrene a chia attella chia i chiammanimina a ma achia chia  | 60 - 150   | 102  |                      | НрА  | 13C4-PFHp/                 |
| _        | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          |   | 70 - 130   | 99,8   | SI                   | (HxA   | 13C2-PFHxA                 |
| 1        | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | andrick men of d'enforme (fine sum en mendre mine), dia dies einen of den   | 60 - 150   | 103  |                      | BS   | 13C3-PFBS                  |
|          | 02-Apr-19 22:03   | 0.116L   | 01-Apr-19                       | B9D0005                          |   | 60 - 150   | 95.9   | S                    | PeA  | 13C3-PFPeA                 |
| 1        | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | onthi obsessionil consultational addition and additional factors are profited   | 60 - 130   | 99.8   | IS                   | BA   | 13C3-PFBA                  |
| Dilution | Analyzed D  | Samp Size  | Extracted                       | Batch                            | Qualifiers  | Limits   | % Recovery   | Туре                 | abeled Standards   | Labeled                    |
|          | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | 4.32  |  | ND   | 1763-23-1            |  | PFOS                       |
| _        | 02-Apr-19 22:03   | $0.116\mathrm{L}$  | 01-Apr-19                       | B9D0005                          | 4.32  | nomino kata irhinami e est toraș una citrilianier ele seme me an mulitatuda  | ND   | 375-95-1             |  | PFNA                       |
|          | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | 4.32  |  | a  | 335-67-1             |  | PFOA                       |
| _        | 02-Apr-19 22:03   | $0.116\mathrm{L}$  | 01-Apr-19                       | B9D0005                          | 4.32  | The Birth State of Administration of the data and the individual state of the state | The control of the co | 355-46-4             | er en demanden make i Koretin endem elikariser deta Karizandan elikari ila menerali sa   | PFHxS                      |
|          | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | 4.32  |  | A  | 375-85-9             |  | PFHpA                      |
| _        | 02-Apr-19 22:03   | $0.116\mathrm{L}$  | 01-Apr-19                       | B9D0005                          | 4.32  |  | ND   | 307-24-4             |  | PFHxA                      |
| -        | 02-Apr-19 22:03   | 0.116 L  | 01-Apr-19                       | B9D0005                          | 4.32  |  | à  | 375-73-5             |  | PFBS                       |
| 1        | 02-Apr-19 22:03   | $0.116\mathrm{L}$  | 01-Apr-19                       | B9D0005                          | 4.32  | definement the skell of teaching a maxima arms a few ( ) of 1 year management  | ND   | 2706-90-3            | and the second s | PFPeA                      |
| 1        | 02-Apr-19 22:03   | 0.116L   | 01-Apr-19                       | B9D0005                          | 4.32  |  | ND   | 375-22-4             |  | PFBA                       |
| Dilution | Analyzed D  | Samp Size  | Extracted                       | Batch                            | RL Qualifiers   |  | Conc. (ng/L)   | CAS Number           |  | Analyte                    |
|          | ВЕН С18   | Column:  | 1 09:38                         | 1900536-11<br>28-Mar-19 09:38    | Laboratory Data Lab Sample: Date Received:  | Aqueous<br>21-Mar-19 14:31   | Matrix:<br>Date Collected:   | d, Inc.              | Data Eastern Analytical, Inc.: 193248 NH 5192  | Client Data Name: Project: |
| ethod    | PFAS Isotope Dilution Method  | PFAS Isot  |                                 |                                  |   |  |  | ay Fox Rd            | Sample ID: Van Auken 31 Gray Fox Rd  | Sampl                      |
|          |   |  |                                 |                                  |   |  |  |                      |  |                            |

TEL 1300220

Page 18 of 28



| Client Data       |  |            |                 | I               | Laboratory Data  |                 |           |                   |                 |          |
|-------------------|--|------------|-----------------|-----------------|--|-----------------|-----------|-------------------|-----------------|----------|
|                   | Eastern Analytical, Inc.   |            | Matrix:         |                 |  | 1900536-12      | 2         | Column:           | BEH C18         |          |
| Project: 1        | 193248 NH 5192   |            | Date Collected: | 21-Mar-19 11:00 | Date Received:   | 28-Mar-19 09:38 | 09:38     |                   |                 |          |
| Analyte           |  | CAS Number | Conc. (ng/L)    | RL              | Qualifiers   | Batch           | Extracted | Samp Size         | Analyzed        | Dilution |
| PFBA              |  | 375-22-4   | M               | 434             |  | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 |          |
| PFPeA             |  | 2706-90-3  | ND              | 4.3             | <b>1</b>   | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 | _        |
| PFBS              |  | 375-73-5   | A A             | 4.34            |  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 | -        |
| HxA               |  | 307-24-4   | Ä               | 4.3.            | +2   | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 | _        |
| PFHpA             |  | 375-85-9   | A               | 4.3             |  | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 | #<br>#   |
| PFHxS             | odnic Vandona da da kumada Natir. Visualdi Natura kadina kadina kadina kadina kadina kadina kadina kadina kadi   | 355-46-4   | ND              | 4.3.            |  | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 | _        |
| POA               |  | 335-67-1   | ND              | 4.34            |  | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 | -        |
| PFNA              | territoria de la composição de la compos | 375-95-1   | ND              | 4.3             | +  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 | 1        |
| PFOS              |  | 1763-23-1  | ND              | 4.34            |  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 |          |
| Labeled Standards |  | Туре       | % Recovery      | Limits          | Qualifiers   | Batch           | Extracted | Samp Size         | Analyzed ]      | Dilution |
| I3C3-PFBA         |  | SI         | 98.5            | 60 - 130        |  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 | _        |
| 3C3-PFPeA         |  | IS         | 94,3            | 60-150          |  | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 | 1        |
| 3C3-PFBS          | er for er forma a com en enne hills d'en ment de sin en ministrat de viene.  | SI         | 104             | 60 - 150        |  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 |          |
| 3C2-PFHxA         |  | IS         | 97.1            | 70 - 130        |  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 | _        |
| 3C4-PFHpA         |  | IS         | 97.0            | 60 - 150        | en selven od ed server - selvelappropriate responsible propriate propriate server od ed server serve | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 | 1        |
| 8O2-PFHxS         |  | IS         | 98.9            | 60 - 130        |  | B9D0005         | 01-Apr-19 | 0.115 L           | 02-Apr-19 22:13 |          |
| 3C2-PFOA          | and the second control of the second of the  | SI         | 88.1            | 60 - 130        | and the first factor of the definition of the factor of th | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 | <b> </b> |
| 13C5-PFNA         |  | IS         | 86.3            | 50 - 130        |  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 |          |
| 3C8-PFOS          |  | IS         | 102             | 60 - 130        |  | B9D0005         | 01-Apr-19 | $0.115\mathrm{L}$ | 02-Apr-19 22:13 | _        |

### DATA QUALIFIERS & ABBREVIATIONS

B This compound was also detected in the method blank

Conc. Concentration

D Dilution

DL Detection limit

E The associated compound concentration exceeded the calibration range of the

instrument

H Recovery and/or RPD was outside laboratory acceptance limits

I Chemical Interference

J The amount detected is below the Reporting Limit/LOQ

LOD Limits of Detection

LOQ Limits of Quantitation

M Estimated Maximum Possible Concentration (CA Region 2 projects only)

NA Not applicable

ND Not Detected

P The reported concentration may include contribution from chlorinated diphenyl

ether(s).

Q The ion transition ratio is outside of the acceptance criteria.

TEQ Toxic Equivalency

U Not Detected (specific projects only)

\* See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

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### Vista Analytical Laboratory Certifications

| Accrediting Authority                               | Certificate Number |
|---|--------------------|
| Alaska Department of Environmental Conservation     | 17-013             |
| Arkansas Department of Environmental Quality        | 19-013-0           |
| California Department of Health – ELAP              | 2892               |
| DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005     | 3091.01            |
| Florida Department of Health                        | E87777             |
| Hawaii Department of Health                         | N/A                |
| Louisiana Department of Environmental Quality       | 01977              |
| Maine Department of Health                          | 2018017            |
| Michigan Department of Environmental Quality        | 9932               |
| Minnesota Department of Health                      | 1521520            |
| New Hampshire Environmental Accreditation Program   | 207718             |
| New Jersey Department of Environmental Protection   | CA003              |
| New York Department of Health                       | 11411              |
| Oregon Laboratory Accreditation Program             | 4042-010           |
| Pennsylvania Department of Environmental Protection | 015                |
| Texas Commission on Environmental Quality           | T104704189-19-10   |
| Virginia Department of General Services             | 9618               |
| Washington Department of Ecology                    | C584-19            |
| Wisconsin Department of Natural Resources           | 998036160          |

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

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### **NELAP Accredited Test Methods**

| MATRIX: Air  |           |
|--|-----------|
| <b>Description of Test</b>                                   | Method    |
| Determination of Polychlorinated p-Dioxins & Polychlorinated | EPA 23    |
| Dibenzofurans  |           |
| Determination of Polychlorinated p-Dioxins & Polychlorinated | EPA TO-9A |
| Dibenzofurans  |           |

| MATRIX: Biological Tissue  |             |
|--|-------------|
| Description of Test  | Method      |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope                  | EPA 1613B   |
| Dilution GC/HRMS   |             |
| Brominated Diphenyl Ethers by HRGC/HRMS  | EPA 1614A   |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue            | EPA 1668A/C |
| by GC/HRMS   |             |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by                  | EPA 1699    |
| HRGC/HRMS  |             |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS               | EPA 537     |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS | EPA 8280A/B |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated                     | EPA         |
| Dibenzofurans (PCDFs) by GC/HRMS   | 8290/8290A  |

| MATRIX: Drinking Water   |                   |
|--|-------------------|
| Description of Test  | Method            |
| 2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS      | EPA               |
|  | 1613/1613B        |
| 1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS            | EPA 522           |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | EPA 537           |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | ISO 25101<br>2009 |

| MATRIX: Non-Potable Water  |             |
|--|-------------|
| Description of Test  | Method      |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS | EPA 1613B   |
| Brominated Diphenyl Ethers by HRGC/HRMS  | EPA 1614A   |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS | EPA 1668A/C |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS        | EPA 1699    |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS               | EPA 537     |
| Dioxin by GC/HRMS  | EPA 613     |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated                          | EPA 8280A/B |
| Dibenzofurans by GC/HRMS   |             |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated                     | EPA         |
| Dibenzofurans (PCDFs) by GC/HRMS   | 8290/8290A  |

| MATRIX: Solids  |             |
|---|-------------|
| <b>Description of Test</b>  | Method      |
| Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS             | EPA 1613    |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope<br>Dilution GC/HRMS | EPA 1613B   |
| Brominated Diphenyl Ethers by HRGC/HRMS   | EPA 1614A   |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS    | EPA 1668A/C |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS           | EPA 1699    |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS                  | EPA 537     |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS    | EPA 8280A/B |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated                        | EPA         |
| Dibenzofurans (PCDFs) by GC/HRMS  | 8290/8290A  |



# professional laboratory and drilling services 2

EAI ID# 193248

Page 3

| Sample ID                               | Date Sampled Matrix    | d Matrix aParameters 1000536  | EAI ID# 193248<br>Sample Notes | Page 3 |
|---|------------------------|---|--------------------------------|--------|
| Libby 1030 Province<br>Lake Rd          | 3/21/2019<br>-14:08    | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds) |                                |        |
| Effingham Historical<br>Society         | 3/21/2019<br>10:32     | aqueous  Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)  |                                |        |
| Van Auken 31 Gray Fox   3/21/2019<br>Rd | \ 3/21/2019<br>  14:31 | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds) |                                |        |
| Romanovic 1004<br>Province Łake Rd      | 3/21/2019<br>111:00    | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds) |                                |        |

Account # company Vista Analytical Laborato EAIID# 193248 Address Address Phone # (916) 673-1520 1104 Windfield Way El Dorado Hills, CA 9576 Project State: Project ID:

| Z       | Results Needed: Preferred Date: Standard          | PO#:49770 E                              | EAI ID# 193 |
|---------|---|--|-------------|
| 7103    | QC Deliverables                                   | Data Deliverable (circle)                |             |
| 1       | ⊠A □A+ □B □B+ □C □MAMCP                           | Excel NH END EQUIS ME EGAD               | MEEGAL      |
| Ž       | Notes about project:                              |  |             |
| :       | Email login confirmation, pdf of results and      | Call prior to analyzing, if RUSH charges | USH charge  |
| ))<br>3 | invoice to customerservice@easternanalytical.com. | Samples Collegted by:                    |             |
| 7       | Report samples on individual pages.               | Mrs Marie R X                            |             |
|         | ロカトのところののころころ                                     | Delinamic how by                         | Date/Time   |

EALID# 193248

Relinquished by lyzing, if RUSH charges will be applied. OSTUBLIA 0958 Franklah Date/Time SON DOBUMEN Received by

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301

Phone: (603)228-0525 1-800-287-0525

customerservice@easternanalytical.com

arising out of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of applications of such as the contract lab; your officers, agents or employees As a subcontract lab to EAI, you will defend, indemnify and hold Eastern Analytical, Inc., its officers, employees, and agents harmless from and against, any and all liability, loss, expense or claims for injury or damages



# professional laboratory and drilling services 2

EAID# 193248

Page 2

| Sample ID                          | Date Sampled Matrix | d Matrix          | aParameters  | 1900536   | <u> </u> | EALID# 193240 Sample Notes | Lage   |
|------------------------------------|---------------------|-------------------|--|---|----------|----------------------------|--|
| Lavrich 11 Snow Rd                 | 3/21/2019<br>  9:29 | aqueous   Subcont | ract - Perfluorinated Compou                                     | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds) |          |                            |  |
| White 10 Snow Rd                   | 3/21/2019           | aqueous Subcont   | ract - Perfluorinated Compou                                     | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds) | <b>.</b> |                            |  |
| Silvia 1019 Province<br>Lake Rd    | 3/21/2019<br>11:49  | aqueous Subcont   | aqueous:   Subcontract = Perfluorinated Compounds EPA Method 537 | ınds EPA Method 537 (9 Compounds)   | 3)       |                            | The state of the s |
| Center Effingham<br>Baptist Church | 3/21/2019<br>10:01  | aqueous Subcont   | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537  | unds EPA Method 537 (9 Compounds)   | 5)       |                            | Options in contrast and contras |

| EAI ID# 193248 | 93248 Project State: NH             | Z       | Results Needed: Preferred Date: Standard         | PO #:49770                 | EALID# 193248   |
|----------------|-------------------------------------|---------|--|----------------------------|---|
|                |                                     | D: 5192 | QC Deliverables                                  | Data Deliverable (circle)  | cle)  |
|                | i sojeci                            | 0.00    | MA □A+ □B □B+ □C □MAMCP                          | Excel NH EMD EQUIS ME EGAD | QuIS ME EGAD  |
| Company        | company Vista Analytical Laboratory | atory   | Notes about project:                             |                            |   |
| Address        | 1104 Windfield Way                  |         | Email login confirmation, pdf of results and     | Call prior to analyzin     | Call prior to analyzing, if RUSH charges will be applied. |
|                | El Dorado Hille CA 05762            | 77.83   | invoice to customerservice@eastemanalytical.com. | Samples Collected k        | )Y:   |
| Address        | El Dolado Fillo, CA e               | 200     | Report samples on individual pages.              | Maria Julian               | Mani Johnson 3/87/19 1500 US                              |
| Account #      |                                     |         | PFAS NHDES 9 compound list.                      | Relinquished by            | Date/Time Received by                                     |
| Phone #        | Phone # (916) 673-1520              |         |  | - F                        | 128 14 8220 b) 182 (50                                    |
|                |                                     |         |  |                            |   |

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arising out of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omitworks of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omitworks of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omitworks or injury or damages are caused by or result from the negligent or intentional acts or omitworks or injury or damages are caused by or result from the negligent or intentional acts or omitworks or injury or damages are caused by or result from the negligent or intentional acts or only in proportion to an acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or intentional acts or only injury or damages are caused by or result from the negligent or injury or damages are caused by or result from the negligent or injury or damages are caused by or result from the negligent or injury or damages. As a subcontract lab to EAI, you will defend, indemnify and hold Eastern Analytical, Inc., its officers, employees, and agents harmless from and against any and all liability, loss, expense or claims for injury or damages



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EAID# 193248

Page 1

| Sample ID                                 | Date Sampled Matrix  | Matrix aParameters 140536 2.2°C  | EALID# 133240 Sample Notes | - 296 |
|---|----------------------|--|----------------------------|-------|
| Hollister 8 Old Pound<br>Rd               | 3/21/2019            | agueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)  |                            |       |
| Folts 984 Province Lake   3/21/2019<br>Rd | 3/21/2019            | aqueous:   Subcontract - Perfluorinated Compounds EPA:Method 537:(9 Compounds) |                            |       |
| Folts 978 Province Lake   3/24/2019<br>Rd | 3/21/2019<br>13:30   | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)  |                            |       |
| Parker 968 Province<br>Lake Rd            | 3/21/2019<br>  16:30 | aqueous   Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)  |                            |       |

| TA   12#  | TAILD# 493248          | USING STATE NI                      | Nesdis Needed. Lielellen Date: Stalldath   | PO # 49770                 | EAI ID# 193248   |          |
|-----------|------------------------|-------------------------------------|--|----------------------------|--|----------|
|           |                        |                                     | QC Deliverables  | Data Deliverable (circle)  | ie)  |          |
|           |                        | TIOJECTID: STOR                     | MA □A+ □B □B+ □C □MAMCP  | Excel NH EMD EQUIS ME EGAD | NE EGAD  |          |
| Company   | Vista Ana              | company Vista Analytical Laboratory | Notes about project:   |                            |  | <b>f</b> |
| Address   | 1104 Wir               | 1104 Windfield Way                  | Email login confirmation, pdf of results and invoice to customerservice@easternandvitcal.com | Call prior to analyzing    | Call prior to analyzing, if RUSH charges will be applied | oplied.  |
| Address   |                        | El Dorado Hills, CA 95762           | Report samples on individual pages.  | Samples Collected by       | Samples Collected by: 3 07/19/15(8) (13                  |          |
| Account # | ***                    |                                     | PFAS NHDES 9 compound list.  | Relinquished by            | Date/Time Receiv   | ed by    |
| Phone:    | Phone # (916) 673-1520 | 3-1520                              |  |                            | 05/00/19 0458 Advantage                                  | 家        |

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Received by

Relinquished by



## Sample Log-In Checklist

| Vista Work Örde     | r#:(             | 1005   | 36       |            | ·       | ) JUL                | Page #<br>\$ 03/28/19<br>TAT SI () | or <u>2</u><br>14 days   |
|---------------------|------------------|--------|----------|------------|---------|----------------------|------------------------------------|--|
| Samples<br>Arrival: | Date/Tin         | a.     | 0938     | Initials:  | P       |                      | ocation: W-                        |  |
|                     |                  | -1.1   |          |            |         | SI                   | nelf/Rack: 1/1                     | <u> </u>   |
|                     | Date/Tin         |        | 1,1      | Initials:  |         | Lc                   | ocation: WZ-                       | 2  |
| Logged In:          | 03/28            | 19 103 | 2        | WWS "      |         | St                   | nelf/Rack: <u>∂</u>                | 3, 6-5   |
| Delivered By:       | FedEx UPS On Tra |        | GSO      | DHL        |         | Hand Other           |                                    |  |
| Preservation:       | (Ice) Bli        |        | ue Ice   |            | Dry Ice |                      | None                               |  |
| Temp °C: 2.3        | (uncorr          | ected) |          |            |         | Thermometer ID: IF-Y |                                    |  |
| Temp °C: し、2        | / (correc        | ted)   | robe use | ed: Y /(N) | :       | Th                   | ermometer ID                       | : <u>+</u> <u>+</u> <u>+</u> <u>+</u> + + <u>+</u> + + <u>+</u> + + + + |

|  | and the second s |             |           |      | YES  | NO   | NA  |
|--|--|-------------|-----------|------|------|------|-----|
| Adequate Sample Volume Re  | eceived?   |             |           |      | 1    |      |     |
| Holding Time Acceptable?   |  |             |           |      | 1    |      |     |
| Holding Time Acceptable?  Shipping Container(s) Intact?  Shipping Custody Seals Intact?  Shipping Documentation Present?  Airbill Trk # 12 146 599 01 9869 6338  Sample Container Intact?  Sample Custody Seals Intact?  Chain of Custody / Sample Documentation Present?  COC Anomaly/Sample Acceptance Form completed?  If Chlorinated or Drinking Water Samples, Acceptable Preservation? |  |             |           |      |      |      |     |
| Shipping Custody Seals Intac   | xt?  |             |           |      |      |      |     |
| Shipping Documentation Pre-  | sent?  |             |           |      | 1    |      |     |
| Airbill Trk#   | 12 146 599   | 10198       | 164 633   | 3    |      |      |     |
| Sample Container Intact?  Sample Custody Seals Intact?  Chain of Custody / Sample Documentation Present?   |  |             |           |      |      |      |     |
| Sample Container Intact?  Sample Custody Seals Intact?  Chain of Custody / Sample Documentation Present?   |  |             |           |      |      |      | 1   |
| Shipping Custody Seals Intact?  Shipping Documentation Present?  Airbill Trk # 12 146 599 01 9864 6338  Sample Container Intact?  Sample Custody Seals Intact?  Chain of Custody / Sample Documentation Present?  COC Anomaly/Sample Acceptance Form completed?  |  |             |           |      |      | :    |     |
| Sample Custody Seals Intact? Chain of Custody / Sample Documentation Present?  |  |             |           |      |      | 1    | 1   |
| If Chlorinated or Drinking Wat   | er Samples, Acce   | ptable Pres | ervation? | <br> |      | ···· | 1   |
| Preservation Documented:   |  |             | ,         |      | Yes  | No   | MA  |
| Shipping Container   | Vista  | clien)      | Retain    | Æ    | turn | Disp | ose |

Comments:

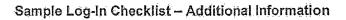
See page 2

ID.: LR - SLC

Rev No.: 3

Rev Date: 05 October 2018

Page: 1 of 1





| Page #   | <u>* 2</u> | (   | of | 2 |
|----------|------------|-----|----|---|
| WO#:     | 19003      | 33A |    |   |
| Cooler # | f '        |     | of |   |

| Sample Label ID               | (caplab         | ci) Sample Label (white labe | Notes CCID                         |
|-------------------------------|-----------------|------------------------------|------------------------------------|
| Hollister 8 01——              |                 | Hollider -                   | ->Hollister 8 Old Pound Rd         |
| Folts 984                     | <del></del> >   | Folls 984                    | -> Folts 984 Province Lake Rd      |
| Folts 978-                    | ->              | Folls 978 —                  | -> Folto 978 Province Labe Rd      |
| Parker 968                    | >               | Perlier —                    | -> Parlier 968 Province Lake Rd    |
| Laurich II———                 |                 | Laurich -                    | -> havridh It Snow Rd              |
| white 10 sno                  | <del>&gt;</del> | White -                      | → White 10 Snow Rd                 |
| Silvia 1019                   | <del></del> >   | Silvia -                     | -> Silvia 1019 Province Lake Rd    |
|                               | >               | Baptist Church—              | -> Center Effingham Baptist Church |
| Center was osterly Libby 1030 | >               | Libby -                      | hijbby 1030 Province Lake Rd       |
| Effingham —                   | ->              | Historical Society           | -> Effingham Historical Society    |
| Van auluen 3                  |                 | Van auken                    | -> Van aulien 31 Gray Fox Rd       |
| Romanovic ——                  | <b>-&gt;</b>    | Romanovic —                  | -> Romanovic 1004 Province Lake Rd |
|                               |                 | Does not affect sample       | integrity                          |
|                               |                 | Recorded By/Date: W% 0       | 3/28/19                            |

ID.: LR - SI

Rev. No.: 1

Rev Date: 05 October 2018

Page: 1 of 1

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| Cample IDs                                      | Date/Time Composites need start and stop dates/times | Matrix                  | Parameters and Sample Notes  |   |                                 | # of containers               |
|---|--|-------------------------|--|---|---------------------------------|-------------------------------|
| Hollister 8 Old Pound<br>Rd                     | 2019<br>20118  | aqueous<br>Gras or Comp | AqTot/PFCs9CmpdsSubVAL   |   |                                 | 2                             |
| Sampler confirms                                | Sampler confirms ID and parameters are accurate      | are accurate            | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O,  | s,o, (ÎCE)  | Dissolved Sample Field Filtered | e Field Filtered 🔲            |
| Folts 984 Province<br>Lake Rd                   | 3/21/19<br>1323                                      | aqueous<br>Grabor Comp  |  |   |                                 | ا                             |
| Sampler confirm                                 | Sampler confirms ID and parameters are accurate      | are accurate            | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O,  | s,o, (C)  | Dissolved Sample Field Filtered | e Field Filtered 🔲            |
| Folts 978 Province<br>Lake Rd                   | 3/21/19  | aqueous                 |  |   |                                 | ಬ                             |
|   | 1330   | Gråb or Comp            |  | <b>)</b>  |                                 |                               |
| Sampler confirms ID and parameters are accurate | s ID and parameters                                  | are accurate            | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O,  | ,s,o, (CE)  | Dissolved Sample Field Filtered | e Field Filtered 🔲            |
| Parker 968 Province<br>Lake Rd                  | 3/21/19  | aqueous                 | AqTot/PFCs9CmpdsSubVAL   |   |                                 | ಬ                             |
|   | 1630   | (Graf) or Comp          |  |   |                                 |                               |
| Sampler confirm                                 | Sampler confirms ID and parameters are accurate      | are accurate            | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,  | OH Na,S,O, (ICE)  | Dissolved Sample Field Filtered | e Field Filtered 🔲            |
|   |  |                         |  |   |                                 |                               |
| Please ens<br>EAI Project ID 5192               | sure this auto COC                                   | c is accurate,          | Please ensure this auto COC is accurate, adheres to permit or sampling requirements for th<br>ct ID 5192 | for this sampling event, and modify as necessary.  ReportingOptions | odify as necessa                | ary.                          |
| Project Name Effin                              | Effingham LF Residential Testing                     | l Testing               | Notes:   |   | □ NO FAX □ Partial FAX          | PO# verbal<br>Quote#: 1016295 |
| Client (Pro Mgr) Jeff                           | Sires  |                         | Report samples on individual pages. PFAS NHDES 9 compound list.  | PDF prelim, NO FAX  remail Login Confirmation                       | ☐ EQUIS                         | Temp LoloC                    |
| Customer HER                                    | Customer TED Engineers, inc.                         |                         |  | Samples Collected by  | System (FA)                     | Ice YX N□                     |
|   | City North Conway NH 03860                           | 60                      |  | Make 18 Startin   | 9 Gres / fla                    | Mona                          |
| Phone 356-6936                                  | Fax 356-7715   | 715                     | QC deliverables  | Kempelujsned by   | Date/Time                       | CReceived by                  |
| Email: jsires@HEBEngineers.com                  | ngineers.com   |                         | ⊠A □A+ □B □B+ □C □MAMCP  | Relinquished by   | Date/Time                       | Received by                   |

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| Sample IDs                      | Date/Time Composites need start and stop dates/times | Matrix         | Parameters and Sample Notes                                   | # of containers                   |
|---------------------------------|--|----------------|---|-----------------------------------|
| Lavrich 11 Snow Rd              | 3/21/19  | aqueous        | AqTot/PFCs9CmpdsSubVAL  | 2                                 |
|                                 | 0929   | Grab or Comp   |   |                                   |
| Sampler confire                 | Sampler confirms ID and parameters are accurate      | s are accurate | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O, (TCE) | Dissolved Sample Field Filtered 🔲 |
| White 10 Snow Rd                | 1 3/21/19  | aqueous        | AqTot/PFCs9CmpdsSubVAL  | ಖ                                 |
|                                 | 111  | Grab or Comp   |   |                                   |
| Sampler confire                 | Sampler confirms ID and parameters are accurate      | s are accurate | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O, (ICE) | Dissolved Sample Field Filtered   |
| Silvia 1019 Province<br>Lake Rd | 3/21/19  | aqueous        | AqTot/PFCs9CmpdsSubVAL  | ಖ                                 |
|                                 | 1149   | (Grab) or Comp |   |                                   |
| Sampler confire                 | Sampler confirms ID and parameters are accurate      | s are accurate | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O, (ICE) | Dissolved Sample Field Filtered   |
| Center Effingham                | 3/21/19  | aqueous        | AqTot/PFCs9CmpdsSubVAL  | ಬ                                 |
|                                 | <u>8</u>   | Grab or Comp   |   | 5                                 |
| Sampler confin                  | Sampler confirms ID and parameters are accurate      | s are accurate | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O, (ICE) | Dissolved Sample Field Filtered   |

| Please ensure this auto COC is accur          | Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary. | this sampling event, and modify as neces           | sary.           |
|---|---|--|-----------------|
| EAI Project ID 5192                           | Recuite Needed his Dreferred date   | ReportingOptions                                   |                 |
| Project Name Effingham LF Residential Testing | Notes:  | ☑ HC □ NO FAX                                      | PO# verbal      |
|   |   | ☐ EDD PDF ☐ Partial FAX                            | Ouoto#- 1016295 |
| State NH                                      | Donort complete on individual pages   | ☑ EDD email ☐ PDF Invoice                          | שמטנפ#, וסוסבסס |
| Client (Pro Mgr) Jeff Sires                   | PFAS NHDES 9 compound list.   | ☑ PDF prelim, NO FAX ☐ EQUIS                       | ), °C           |
| Customer HEB Engineers, Inc.                  |   | L e-mail Login Confirmation                        |                 |
| Address 2605 White Mountain Highway, PO       |   | Samples Collected by: J. Game/EA                   |                 |
| City North Conway NH 03860                    |   | 15/10 421/19 1905                                  | Morrellera      |
| Phone 356-6036   Fax 356-7745                 |   | Relinguished by Date/Time                          | Received by     |
|   | <sup>1</sup> QC deliverables  |  |                 |
| Email: jsires@HEBEngineers.com                | MA □A+ □B □B+ □C □MAMCP   | Relinquished by Date/Time                          | Received by     |
| Direct 356-6936 Eastern Analytical, Inc.      | www.easternanalytical.com   800   | ).287.0525   customerservice@easternanalytical.com |                 |



|                                 | Date/Time                                       |                |   |                                 |
|---------------------------------|---|----------------|---|---------------------------------|
| Sample IDs                      | and stop dates/times                            | Matrix         | Parameters and Sample Notes                                   | # of containers                 |
| Libby 1030 Province             | 13/20119  | agueous        | AqTot/PFCs9CmpdsSubVAL  | 2                               |
| Lake No                         | 1408  | Grab, or Comp  |   | Я                               |
| Sampler confirm                 | Sampler confirms ID and parameters are accurate | s are accurate | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O,       | Dissolved Sample Field Filtered |
| Effingham Historical            | 3(21/19   | aqueous        | AqTot/PFCs9CmpdsSubVAL  | Q                               |
|                                 | 1032  | (Grab) or Comp |   | [5                              |
| Sampler confirm                 | Sampler confirms ID and parameters are accurate | s are accurate | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O, (ICE) | Dissolved Sample Field Filtered |
| Van Auken 31 Gray<br>Fox Rd     | 3/21/19   | aqueous        | AqTot/PFCs9CmpdsSubVAL  | ٦                               |
|                                 | 1431  | Grab or Comp   |   |                                 |
| Sampler confirm                 | Sampler confirms ID and parameters are accurate | s are accurate | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O, (ICB) | Dissolved Sample Field Filtered |
| Romanovic 1004 Province Lake Rd | 3/21/19   | aqueous        | AqTot/PFCs9CmpdsSubVAL  | 2                               |
|                                 | 8   | Grab or Comp   |   | . 5                             |
| Sampler confirm                 | Sampler confirms ID and parameters are accurate | are accurate   | Circle preservative/s: HCL HNO, H,SO, NaOH MEOH Na,S,O, (ICE) | Dissolved Sample Field Filtered |

|   |  |                                  | can'y ao mooo      | cary.           |
|---|--|----------------------------------|--------------------|-----------------|
| EAI Project ID 5192                           | Results Needed by: Preferred date  | ReportingOptions                 |                    |                 |
| Project Name Effingham LF Residential Testing | Notes:   | ⊠ HC                             | □ NO FAX           | PO# verbal      |
|   |  | ☐ EDD PDF                        | ☐ Partial FAX      | Onote#: 1016295 |
| State NH                                      | Report samples on individual pages   | ☑ EDD email                      | ☐ PDF Invoice      | Guotes, 1010200 |
| Slient (Pro Mgr) Jeff Sires                   | PFAS NHDES 9 compound list.  | PDF prelim, NO FAX               | □ EQUIS            | 2° / ,/         |
| Customer HEB Engineers, Inc.                  |  | ☐ e-mail Login Confirmation      |                    |                 |
| Address 2605 White Mountain Highway, PO       |  | Samples Collected by: Segne 1641 | Cogne 1891         |                 |
| City North Conway NH 03860                    |  | Hell Jall                        | 3/21/19 U ABS 1    | The Where       |
| <sup>o</sup> hone 356-6936 Fax 356-7715       |  | Relifiquished by                 | Date/Time          | Received by     |
| :mail: jsires@HEBEngineers.com                | □ QC deliverables □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □                                  | Delinquished by                  | Dato (Timo)        |                 |
| Direct 356-6936 Eastern Analytica             |  | 0595   customerservice@eas       | formanal discolors | •               |
| Eastern Analytical, inc.                      | i, inc. www.easternanalytical.com   800.287.0525   customerservice@easternanalytical.com | U525   customerservice@eas       | ternanalytical.com |                 |