



Eastern Analytical, Inc.

professional laboratory and drilling services

Katy Anderson
Seacoast Analytical Services
PO Box 555
Barrington , NH 03825



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 178503
Client Identification: 461 Sagamore Road, Rye | S02058K(1-4)
Date Received: 2/6/2018

Dear Ms Anderson :

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)
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

3.6.18

Date

17

of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 178503

Client: **Seacoast Analytical Services**

Client Designation: **461 Sagamore Road, Rye | S02058K(1-4)**

Temperature upon receipt (°C): **2.1**

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

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
178503.01	S02058K1 (1st/2nd grade WF)	2/6/18	2/5/18	aqueous		Adheres to Sample Acceptance Policy
178503.02	S02058K2 (4th grade WF)	2/6/18	2/5/18	aqueous		Adheres to Sample Acceptance Policy
178503.03	S02058K3 (gym/stage WF)	2/6/18	2/5/18	aqueous		Adheres to Sample Acceptance Policy
178503.04	S02058K4 (Kitchen Sink)	2/6/18	2/5/18	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 Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



March 03, 2018

Vista Work Order No. 1800270

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 February 07, 2018. This sample set was analyzed on a rush turn-around time, under your Project Name '178503 NH'.

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,

A handwritten signature in black ink that reads "Martha Maier".

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 Work Order No. 1800270

Case Narrative

Sample Condition on Receipt:

Four 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:

Modified EPA Method 537

The samples were extracted and analyzed for a selected list of PFAS using 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 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 above the Reporting Limit. The OPR recoveries were within the method acceptance criteria.

The labeled standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1800270-01	S02058K1 (1st/2nd grade WF)	Modified EPA Method 537	13C3-PFBS	H	191
1800270-02	S02058K2 (4th grade WF)	Modified EPA Method 537	13C3-PFBS	H	151
1800270-04	S02058K4 (Kitchen Sink)	Modified EPA Method 537	13C3-PFBS	H	162

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1800270-01	S02058K1 (1st/2nd grade WF)	05-Feb-18 11:00	07-Feb-18 10:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800270-02	S02058K2 (4th grade WF)	05-Feb-18 11:21	07-Feb-18 10:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800270-03	S02058K3 (gym/stage WF)	05-Feb-18 11:07	07-Feb-18 10:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800270-04	S02058K4 (Kitchen Sink)	05-Feb-18 11:14	07-Feb-18 10:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

Modified EPA Method 537

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: B8B0079-BLK1	Column: BEH C18
Project: 178503 NH			

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PPBA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PPeA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PFBS	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PFHxA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PFHpA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PFHxS	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PFOA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PFOS	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
PFNA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1	
Labeled Standards									
		% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PPBA	IS	80.4	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
13C3-PPeA	IS	62.3	60 - 150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
13C3-PPBS	IS	87.1	60 - 150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
13C2-PTHxA	IS	77.8	70 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
13C4-PTHpA	IS	89.5	60 - 150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
18O2-PTHxS	IS	80.1	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
13C2-PFOA	IS	98.7	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
13C8-PROS	IS	90.3	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1
13C5-PTNA	IS	83.5	50 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:44	1

RL - Reporting limit
 LCL-UCL - Lower control limit - upper control limit
 Results reported to RL.
 When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: OPR

Modified EPA Method 537

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: B8B0079-BS1	Column: BEH C18
Project: 178503 NH			

Analyte	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	77.4	80.0	96.8	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFPeA	92.0	80.0	115	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFBS	95.3	80.0	119	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFHxA	83.6	80.0	104	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFHpA	102	80.0	127	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFHxS	91.5	80.0	114	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFOA	92.4	80.0	115	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFOS	94.6	80.0	118	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
PFNA	97.5	80.0	122	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
Labeled Standards										
13C3-PFBA	IS		103	60-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
13C3-PFPeA	IS		90.9	60-150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
13C3-PFBS	IS		143	60-150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
13C2-PFHxA	IS		98.0	70-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
13C4-PFHpA	IS		96.5	60-150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
18O2-PFHxS	IS		89.4	60-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
13C2-PFOA	IS		104	60-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
13C8-PFOS	IS		96.6	60-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1
13C5-PFNA	IS		79.3	50-130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:19	1

Sample ID: S02058K1 (1st/2nd grade W/F)

Modified EPA Method 537

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 1800270-01	Column: BEH C18
Project: 178503 NH	Date Collected: 05-Feb-18 11:00	Date Received: 07-Feb-18 10:06	

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFPeA	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFBS	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFHxA	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFHpA	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFHxS	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFOA	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFOS	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
PFNA	ND	3.99		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1	
Labeled Standards									
	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	108	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
13C3-PFPeA	IS	93.9	60 - 150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
13C3-PFBS	IS	191	60 - 150	H	B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
13C2-PFHxA	IS	94.8	70 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
13C4-PFHpA	IS	109	60 - 150		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
18O2-PFHxS	IS	97.1	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
13C2-PFOA	IS	102	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
13C8-PFOS	IS	102	60 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1
13C5-PFNA	IS	71.9	50 - 130		B8B0079	13-Feb-18	0.125 L	27-Feb-18 22:57	1

RL - Reporting limit
 LCL-UCL- Lower control limit - upper control limit
 Results reported to RL.
 When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: S02058K2 (4th grade WFI)

Modified EPA Method 537

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 1800270-02	Column: BEH C18
Project: 178503 NH	Date Collected: 05-Feb-18 11:21	Date Received: 07-Feb-18 10:06	

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBFA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFPeA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFBS	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFHxA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFHpA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFHxS	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFOA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFOS	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
PFNA	ND	4.00		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
Labeled Standards									
13C3-PFBFA	IS	104		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
13C3-PFPeA	IS	89.5		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
13C3-PFBS	IS	151	H	B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
13C2-PFHxA	IS	92.3		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
13C4-PFHpA	IS	90.9		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
18O2-PFHxS	IS	106		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
13C2-PFOA	IS	115		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
13C8-PFOS	IS	103		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	
13C5-PFNA	IS	86.5		B8B0079	13-Feb-18	0.125 L	27-Feb-18 23:09	1	

RL - Reporting limit
 LCL-UCL- Lower control limit - upper control limit
 Results reported to RL.
 When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: S02058K3 (gym/stage WF)

Modified EPA Method 537

Client Data
 Name: Eastern Analytical, Inc.
 Project: 178503 NH
 Matrix: Aqueous
 Date Collected: 05-Feb-18 11:07

Laboratory Data
 Lab Sample: 1800270-03
 Date Received: 07-Feb-18 10:06
 Column: BEH C18

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PPBA	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PPeA	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PFBS	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PfHxA	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PfHpA	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PFHxS	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PFOA	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PFOS	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
PFNA	ND	4.08		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1	
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PPBA	IS	104	60 - 130		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
13C3-PPeA	IS	99.8	60 - 150		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
13C3-PPBS	IS	150	60 - 150		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
13C2-PfHxA	IS	100	70 - 130		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
13C4-PfHpA	IS	96.0	60 - 150		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
18O2-PfHxS	IS	103	60 - 130		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
13C2-PFOA	IS	97.7	60 - 130		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
13C8-PFOS	IS	90.1	60 - 130		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1
13C5-PFNA	IS	82.5	50 - 130		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:22	1

RL - Reporting limit
 LCL-UCL - Lower control limit - upper control limit
 Results reported to RL.

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

Sample ID: S02058K4 (Kitchen Sink)

Modified EPA Method 537

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 1800270-04	Column: BEH C18
Project: 178503 NH	Date Collected: 05-Feb-18 11:14	Date Received: 07-Feb-18 10:06	

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Sample Size	Analyzed	Dilution	
PFBA	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFPeA	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFBS	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFHxA	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFHpA	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFHxS	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFOA	5.65	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFOS	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
PFNA	ND	4.10		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
Labeled Standards									
13C3-PFBA	IS	104		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
13C3-PPeA	IS	93.6		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
13C3-PFBS	IS	162	H	B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
13C2-PFHxA	IS	95.2		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
13C4-PFHpA	IS	101		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
18O2-PFHxS	IS	95.4		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
13C2-PFOA	IS	86.7		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
13C8-PFOS	IS	90.8		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	
13C5-PFNA	IS	75.5		B8B0079	13-Feb-18	0.122 L	27-Feb-18 23:34	1	

RL - Reporting limit
 LCL-UCL - Lower control limit - upper control limit
 Results reported to RL.
 When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank.
D	Dilution
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.
M	Estimated Maximum Possible Concentration. (CA Region 2 projects only)
*	See Cover Letter
Conc.	Concentration
NA	Not applicable
ND	Not Detected
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)

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

CERTIFICATIONS

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	17-015-0
	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2016026
Minnesota Department of Health	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-008
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-17-8
Virginia Department of General Services	9077
Washington Department of Ecology	C584
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.

CHAIN-OF-CUSTODY RECORD

eastern analytical
professional laboratory services

1800270 0.82

EAI ID# 178503

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Sample ID Date Sampled Matrix Parameters Sample Notes

S02058K1 (1st/2nd grade W/F) | 2/5/2018 11:00 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)

S02058K2 (4th grade W/F) | 2/5/2018 11:21 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)

S02058K3 (9ym/stage W/F) | 2/5/2018 11:07 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)

S02058K4 (Kitchen Sink) | 2/5/2018 11:14 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 (9 Compounds)

EAI ID# 178503 Project State: NH

Project ID:

PO #: 47552

EAI ID# 178503

Please call prior to analyzing, if RUSH surcharges will be applied.

Company Vista Analytical Laboratory
Address 1104 Windfield Way
Address El Dorado Hills, CA 95762
Account #
Phone # (916) 673-1520
Fax Number

Results Needed by: Preferred date
QC Deliverables

A A+ B B+ C P

Notes about project:

Email pdf of results and invoice to
customerservice@eallabs.com.

Samples Collected by:

Chenell Dr. Concord 2/6/18 1530 WFS
Relinquished by: *WFS* Date/Time: *2/6/18 1530 WFS*
Received by: *Paul K...*

Relinquished by:

Date/Time

Received by

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

Phone: (603) 228-0525

1-800-287-0525

Fax: (603) 228-4591

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 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 you as a subcontract lab, your officers, agents or employees.

Work Order 1800270



Sample Log-in Checklist

Vista Work Order #: 1800270 TAT SHD

Samples Arrival:	Date/Time: <u>02/07/18 1000</u>	Initials: <u>PAB</u>	Location: <u>WR-2</u>
Logged In:	Date/Time: <u>02/07/18 1620</u>	Initials: <u>PAB</u>	Location: <u>WR-2</u>
Delivered By:	FedEx <input type="checkbox"/> UPS <input checked="" type="checkbox"/> On Trac <input type="checkbox"/> GSO <input type="checkbox"/> DHL <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other <input type="checkbox"/>		
Preservation:	Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None <input type="checkbox"/>		
Temp °C: <u>0.9</u> (uncorrected)	Time: <u>1008</u>	Thermometer ID: IR-4	
Temp °C: <u>0.8</u> (corrected)	Probe used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

	YES	NO	NA
Adequate Sample Volume Received?	<input checked="" type="checkbox"/>		
Holding Time Acceptable?	<input checked="" type="checkbox"/>		
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>		
Shipping Custody Seals Intact?			<input checked="" type="checkbox"/>
Shipping Documentation Present?	<input checked="" type="checkbox"/>		
Airbill	<input checked="" type="checkbox"/>		
Trk # <u>1Z y4 6599 019425 6561</u>			
Sample Container Intact?	<input checked="" type="checkbox"/>		
Sample Custody Seals Intact?	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>		
COC Anomaly/Sample Acceptance Form completed?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			<input checked="" type="checkbox"/>
Preservation Documented:	Na ₂ S ₂ O ₃ <input type="checkbox"/>	Trizma <input type="checkbox"/>	None <input checked="" type="checkbox"/>
Shipping Container	Vista <input type="checkbox"/>	Client <input checked="" type="checkbox"/>	Retain <input type="checkbox"/>
		Return <input checked="" type="checkbox"/>	Dispose <input type="checkbox"/>

Comments:

