POLLEN ENVIRONMENTAL, LLC.

CHAIN OF CUSTODY/WORKORDER FORM

3536 International Street
Fairbanks, AK 99701
(907) 479-8368 Phone (907) 452-6853 Fax
jerry@pollenenv.com

Pouch 340135
Prudhoe Bay, AK 99734
(907) 659-2324 Phone (907) 659-2325 Fax
pollenenv@gmail.com

COC# CONP 2016

CLIENT INFORMATION	Contact Person: **Paul Trissel**
Company: **City of North Pole**	
Address: **125 Snowman Lane**	**WWTP APDES #:**
City, State Zip: **North Pole, AK 99705**	**PWS ID #: 310675**
Phone: **907-388-1907**	Send Results to ADEC:
Fax: **907-488-1825**	√ Yes ☐ No
Email: **northpoleutilities@alaska.net**	Purchase Order/Charge Code:
Project Name: **Monthly WTP Monitoring**	2016-75
Sampled By: **JEP**	

Requested Analysis

Page 1 of 1

☐ Normal Turnaround

☐ RUSH ____ day(s)

Sample Identification	Sample Date	Sample Time	Matrix	Lab ID#	Sub Lab ID#	Number of Containers	PFOS (Perservative Added)							Sample Comments
Well A	2-3-16	1720	W	PEF25567		1	X							

Possible Hazard Identification:

☐ *Non-Hazardous* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Unknown*

Sample Condition:

Pollen Env Temperature on arrival: °C *COC Seal:* ☐ *Intact* ☐ *Broken* ☐ *Absent*

Sub Lab Temperature on arrival: °C *COC Seal:* ☐ *Intact* ☐ *Broken* ☐ *Absent*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date & Time:	Received by:	Company:	Date & Time:
Jerry Jolen	Pollen Env	2-4-16 @ 0900			
Relinquished by:	Company:	Date & Time:	Received by:	Company:	Date & Time:
Relinquished by:	Company:	Date & Time:	Received by:	Company:	Date & Time:

Accuracy, Precision, and Professional Service

Pollen Environmental, LLC.
Pouch 340135 Prudhoe Bay, AK. 99734 3536 International Street Fairbanks, AK. 99701
(907)659-2324 Phone (907)659-2325 Fax (907)479-8368 Phone (907)452-6853 Fax
www.pollenenv.com

CERTIFICATE OF ANALYSIS

City of North Pole WTP
Attn: Paul Trissel
125 Snowman Lane
North Pole, AK 99705
Phone: 907-388-1907
Fax: 907-488-1825
northpoleutilities@alaska.net

Report Date: 2/17/2016
Sample Date: 2/3/2016
Sample Time: 5:20 PM
Sampled By: Jerry Pollen

Project Name:	**CONP WTP PFOS Monitoring**
Analysis:	**PFOS**
Analysis Method:	**EPA 537**
COC#:	**CONP 2016**
Sample Matrix:	**Drinking Water**
PWS ID#:	**AK2310675**

Attached are the results for analysis of your samples. This sample was analyzed by Eurofins Eaton Analytical in South Bend, IN.

Client Sample ID:	Pollen Env ID:	Eurofins Eaton Analytical ID:
Well A	PEF25567	3396311

Jerry Pollen
Pollen Environmental, LLC - Fairbanks

eurofins

Eaton Analytical

LABORATORY REPORT

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

STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Montana	CERT0026
Alaska	IN00035	Nebraska	E87775
Arizona	AZ0432	Nevada	IN00035
Arkansas	IN00035	New Hampshire*	2124
California	2920	New Mexico	IN00035
Colorado	IN035	New Jersey*	IN598
Colorado Radiochemistry	IN035	New York*	11398
Connecticut	PH-0132	North Carolina	18700
Delaware	IN035	North Dakota	R-035
Florida (Primary AB)*	E87775	Ohio	87775
Georgia	929	Oklahoma	D9508
Hawaii	IN035	Oregon*	4074-001
Idaho	IN00035/E87775	Pennsylvania*	68-00466
Illinois*	200001	Puerto Rico	IN00035
Illinois Microbiology	200001	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-15-8
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA160002	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
Missouri	880		

*NELAP/TNI Recognized Accreditation Bodies

eurofins | Eaton Analytical

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

Laboratory Report

Client: Pollen Environmental LLC

Attn: Jerry Pollen
3536 International Avenue
Fairbanks, AK 99701

Copies to: None

Report: 357143
Priority: Standard Written
Status: Final
PWS ID: AK2310675
Alaska Lab ID # IN00035

Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3396311	PEF25567/Well A	537	02/03/16 17:20	Client	02/05/16 08:30

Report Summary

Note: City of North Pole

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

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

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

Traci Chlebowski ASM — 02/17/2016

Authorized Signature Title Date

Client Name: Pollen Environmental LLC
Report #: 357143

Client Name: Pollen Environmental LLC Report #: 357143

Sampling Point: PEF25567/Well A PWS ID: AK2310675

EEA Methods

Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	90	< 90	ng/L	02/09/16 07:10	02/10/16 04:14	3396311
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	10	< 10	ng/L	02/09/16 07:10	02/10/16 04:14	3396311
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	30	< 30	ng/L	02/09/16 07:10	02/10/16 04:14	3396311
375-95-1	Perfluorononanoic acid (PFNA)	537	---	20	< 20	ng/L	02/09/16 07:10	02/10/16 04:14	3396311
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	40	< 40	ng/L	02/09/16 07:10	02/10/16 04:14	3396311
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	20	< 20	ng/L	02/09/16 07:10	02/10/16 04:14	3396311

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

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

Lab Definitions

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

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

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

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

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

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

Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD) - is a sample al6iquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

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

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

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

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

POLLEN ENVIRONMENTAL, LLC.

CHAIN OF CUSTODY/WORKORDER FORM

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Prudhoe Bay, AK 99734
(907) 659-2324 Phone (907) 659-2325 Fax
pollenenv@gmail.com

COC# CONP 2016

289646

CLIENT INFORMATION	Contact Person: **Paul Trissel**	Requested Analysis 357143	Page 1 of 1
Company: **City of North Pole**		Perservative Added	
Address: **125 Snowman Lane**	**WWTP APDES #:**		
City, State Zip: **North Pole, AK 99705**	**PWS ID #: 310675**		
Phone: **907-388-1907**	Send Results to ADEC:		☐ Normal Turnaround
Fax: **907-488-1825**	v Yes ☐ No		☐ RUSH ____ day(s)
Email: **northpoleutilities@alaska.net**	Purchase Order/Charge Code:		
Project Name: **Monthly WTP Monitoring**	2016-75		
Sampled By: **JEP**			

Sample Identification	Sample Date	Sample Time	Matrix	Lab ID#	Sub Lab ID#	Number of Containers	PFOS							Sample Comments
Well A	2-3-16	1720	W	PEF25567	A	1	X							3396311

Possible Hazard Identification:

☐ *Non-Hazardous* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Unknown*

Sample Condition:

Pollen Env Temperature on arrival: °C *COC Seal:* ☐ *Intact* ☐ *Broken* ☐ *Absent*

Sub Lab Temperature on arrival: 2.8 °C *COC Seal:* ☐ *Intact* ☐ *Broken* ☐ *Absent*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date & Time:	Received by:	Company:	Date & Time:
Jerry Pollen	Pollen Env	2-4-16 @ 0900			
Relinquished by:	Company:	Date & Time:	Received by:	Company:	Date & Time:
Relinquished by:	Company:	Date & Time:	Received by: K Dyrwa	Company: FEA	Date & Time: 2-5-16 0830

Accuracy, Precision, and Professional Service

Eurofins Eaton Analytical
Run Log

Run ID: **212550** Method: **537**

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3396992		OS	CY	02/09/2016 22:03	020916M537a.mdb
LRB	3396975		RW	CY	02/09/2016 23:36	020916M537a.mdb
FBL	3396976		RW	CY	02/10/2016 00:07	020916M537a.mdb
FS	3396311	PEF25567/Well A	DW	CY	02/10/2016 04:14	020916M537a.mdb
LFSMM	3396977	PEF25567/Well A	DW	CY	02/10/2016 04:45	020916M537a.mdb
LFSMDM	3396978	PEF25567/Well A	DW	CY	02/10/2016 05:16	020916M537a.mdb
CCM	3396993		OS	CY	02/10/2016 05:47	020916M537a.mdb

QC Summary Report

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCL	IS-PFOA-13C2	537	N/A	---		12793.40	12793.4	ng/L	100	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	IS-PFOS-13C4	537	N/A	---		15341.50	15341.5	ng/L	100	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	SS-PFDA-13C2	537	N/A	---		98.4155	100	ng/L	98	70 - 130	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	SS-PFHxA-13C2	537	N/A	---		48.5024	50.0	ng/L	97	70 - 130	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	Perfluorobutanesulfonic acid (PFBS)	537	90	---		91.1023	90.0	ng/L	101	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	Perfluoroheptanoic acid (PFHpA)	537	10	---		9.9638	10.0	ng/L	100	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	30	---		29.2419	30.0	ng/L	97	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	Perfluorononanoic acid (PFNA)	537	20	---		21.1947	20.0	ng/L	106	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	Perfluorooctane sulfonate (PFOS)	537	40	---		39.9186	40.0	ng/L	100	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
CCL	Perfluorooctanoic acid (PFOA)	537	20	---		20.1277	20.0	ng/L	101	50 - 150	---	---	1.0	01/27/2016 09:59	02/09/2016 22:03	3396992
LRB	IS-PFOA-13C2	537	N/A	---		13889.80	12793.4	ng/L	109	50 - 150	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	IS-PFOS-13C4	537	N/A	---		17011.60	15341.5	ng/L	111	50 - 150	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	SS-PFDA-13C2	537	N/A	---		91.3310	100	ng/L	91	70 - 130	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	SS-PFHxA-13C2	537	N/A	---		46.2546	50.0	ng/L	93	70 - 130	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	Perfluorobutanesulfonic acid (PFBS)	537	90	---	<	90		ng/L	---	---	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	Perfluoroheptanoic acid (PFHpA)	537	10	---	<	10		ng/L	---	---	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	30	---	<	30		ng/L	---	---	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	Perfluorononanoic acid (PFNA)	537	20	---	<	20		ng/L	---	---	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	Perfluorooctane sulfonate (PFOS)	537	40	---	<	40		ng/L	---	---	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
LRB	Perfluorooctanoic acid (PFOA)	537	20	---	<	20		ng/L	---	---	---	---	1.0	02/09/2016 07:10	02/09/2016 23:36	3396975
FBL	IS-PFOA-13C2	537	N/A	---		14064.40	12793.4	ng/L	110	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	IS-PFOS-13C4	537	N/A	---		16659.20	15341.5	ng/L	109	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	SS-PFDA-13C2	537	N/A	---		91.7452	100	ng/L	92	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	SS-PFHxA-13C2	537	N/A	---		46.9560	50.0	ng/L	94	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	Perfluorobutanesulfonic acid (PFBS)	537	90	---		91.0131	90.0	ng/L	101	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	Perfluoroheptanoic acid (PFHpA)	537	10	---		9.6776	10.0	ng/L	97	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	Perfluorohexanesulfonic acid (PFHxS)	537	30	---		29.4385	30.0	ng/L	98	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	Perfluorononanoic acid (PFNA)	537	20	---		19.8954	20.0	ng/L	99	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	Perfluorooctane sulfonate (PFOS)	537	40	---		39.3529	40.0	ng/L	98	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FBL	Perfluorooctanoic acid (PFOA)	537	20	---		20.2657	20.0	ng/L	101	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 00:07	3396976
FS	IS-PFOA-13C2	537	N/A	PEF25567/Well A		13839.30	12793.4	ng/L	108	50 - 150	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	IS-PFOS-13C4	537	N/A	PEF25567/Well A		16723.60	15341.5	ng/L	109	50 - 150	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	SS-PFDA-13C2	537	N/A	PEF25567/Well A		81.7397	100	ng/L	79	70 - 130	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	SS-PFHxA-13C2	537	N/A	PEF25567/Well A		41.4007	50.0	ng/L	80	70 - 130	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	Perfluorobutanesulfonic acid (PFBS)	537	90	PEF25567/Well A	<	90		ng/L	---	---	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	Perfluoroheptanoic acid (PFHpA)	537	10	PEF25567/Well A	<	10		ng/L	---	---	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	Perfluorohexanesulfonic acid (PFHxS)	537	30	PEF25567/Well A	<	30		ng/L	---	---	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	Perfluorononanoic acid (PFNA)	537	20	PEF25567/Well A	<	20		ng/L	---	---	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	Perfluorooctane sulfonate (PFOS)	537	40	PEF25567/Well A	<	40		ng/L	---	---	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311
FS	Perfluorooctanoic acid (PFOA)	537	20	PEF25567/Well A	<	20		ng/L	---	---	---	---	1.03	02/09/2016 07:10	02/10/2016 04:14	3396311

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
LFSMM	IS-PFOA-13C2	537	N/A	PEF25567/Well A		13923.30	12793.4	ng/L	109	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	IS-PFOS-13C4	537	N/A	PEF25567/Well A		16928.30	15341.5	ng/L	110	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	SS-PFDA-13C2	537	N/A	PEF25567/Well A		93.0844	100	ng/L	93	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	SS-PFHxA-13C2	537	N/A	PEF25567/Well A		48.5173	50.0	ng/L	97	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	Perfluorobutanesulfonic acid (PFBS)	537	90	PEF25567/Well A		630.1010	675	ng/L	93	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	Perfluoroheptanoic acid (PFHpA)	537	10	PEF25567/Well A		67.7534	75.0	ng/L	90	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	Perfluorohexanesulfonic acid (PFHxS)	537	30	PEF25567/Well A		204.6800	225	ng/L	91	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	Perfluorononanoic acid (PFNA)	537	20	PEF25567/Well A		140.3800	150	ng/L	94	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	Perfluorooctane sulfonate (PFOS)	537	40	PEF25567/Well A		275.9340	300	ng/L	92	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMM	Perfluorooctanoic acid (PFOA)	537	20	PEF25567/Well A		139.7120	150	ng/L	93	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 04:45	3396977
LFSMDM	IS-PFOA-13C2	537	N/A	PEF25567/Well A		13642.00	12793.4	ng/L	107	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	IS-PFOS-13C4	537	N/A	PEF25567/Well A		16450.70	15341.5	ng/L	107	50 - 150	---	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	SS-PFDA-13C2	537	N/A	PEF25567/Well A		92.9111	100	ng/L	93	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	SS-PFHxA-13C2	537	N/A	PEF25567/Well A		49.2710	50.0	ng/L	99	70 - 130	---	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	Perfluorobutanesulfonic acid (PFBS)	537	90	PEF25567/Well A		663.1860	675	ng/L	98	70 - 130	5.1	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	Perfluoroheptanoic acid (PFHpA)	537	10	PEF25567/Well A		70.7051	75.0	ng/L	94	70 - 130	4.3	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	Perfluorohexanesulfonic acid (PFHxS)	537	30	PEF25567/Well A		219.3990	225	ng/L	98	70 - 130	6.9	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	Perfluorononanoic acid (PFNA)	537	20	PEF25567/Well A		147.7520	150	ng/L	99	70 - 130	5.1	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	Perfluorooctane sulfonate (PFOS)	537	40	PEF25567/Well A		284.5680	300	ng/L	95	70 - 130	3.1	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
LFSMDM	Perfluorooctanoic acid (PFOA)	537	20	PEF25567/Well A		144.1930	150	ng/L	96	70 - 130	3.2	---	1.0	02/09/2016 07:10	02/10/2016 05:16	3396978
CCM	IS-PFOA-13C2	537	N/A	---		13051.40	13051.4	ng/L	100	50 - 150	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	IS-PFOS-13C4	537	N/A	---		15446.60	15446.6	ng/L	100	50 - 150	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	SS-PFDA-13C2	537	N/A	---		96.6657	100	ng/L	97	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	SS-PFHxA-13C2	537	N/A	---		50.4151	50.0	ng/L	101	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	Perfluorobutanesulfonic acid (PFBS)	537	90	---		693.9320	675	ng/L	103	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	Perfluoroheptanoic acid (PFHpA)	537	10	---		72.1460	75.0	ng/L	96	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	30	---		224.3410	225	ng/L	100	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	Perfluorononanoic acid (PFNA)	537	20	---		148.1530	150	ng/L	99	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	Perfluorooctane sulfonate (PFOS)	537	40	---		299.0900	300	ng/L	100	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993
CCM	Perfluorooctanoic acid (PFOA)	537	20	---		149.4450	150	ng/L	100	70 - 130	---	---	1.0	01/27/2016 09:59	02/10/2016 05:47	3396993

Sample Type Key

Type (Abbr.)	Sample Type	Type (Abbr.)	Sample Type
CCL	Continuing Calibration Low		
CCM	Continuing Calibration Mid		
FS	Field Sample		
FBL	Fortified Blank Low		
LFSMDM	LFSM Duplicate Mid		
LFSMM	LFSM Mid		
LRB	Laboratory Reagent Blank		

END OF REPORT