

POLLEN ENVIRONMENTAL, LLC.

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

CHAIN OF CUSTODY/WORKORDER FORM

COC# CONP 2016

CLIENT INFORMATION						Requested Analysis						Page 1 of 1																																																																						
Company: City of North Pole						Perservative Added <table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <input type="checkbox"/> Normal Turnaround <input type="checkbox"/> RUSH ____ day(s)																																																																												
Address: 125 Snowman Lane																																																																																		
City, State Zip: North Pole, AK 99705																																																																																		
Phone: 907-388-1907																																																																																		
Fax: 907-488-1825																																																																																		
Email: northpoleutilities@alaska.net																																																																																		
Project Name: Bi-Annual WTP Monitoring						Contact Person: Paul Trissel WWTP APDES #: _____ PWS ID #: 310675 Send Results to ADEC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Purchase Order/Charge Code: 2016-631																																																																												
Sampled By: JEP						Number of Containers PFOS																																																																												
Sample Identification	Sample Date	Sample Time	Matrix	Lab ID#	Sub Lab ID#											Sample Comments																																																																		
Well A	8/9/2016	1530	W	PEF29160								1	X																																																																					
Possible Hazard Identification:						Sample Condition:																																																																												
<input type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Unknown						Pollen Env Temperature on arrival: °C COC Seal: <input type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Absent Sub Lab Temperature on arrival: °C COC Seal: <input type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Absent																																																																												
Special Instructions/QC Requirements & Comments:																																																																																		
Relinquished by:		Company:		Date & Time:		Received by:		Company:		Date & Time:																																																																								
<i>Jerry Pollen</i>		Pollen Env		8-10-16 @ 11:00am		<i>Jerry Pollen</i>		Pollen Env		8-9-16 @ 1700																																																																								
Relinquished by:		Company:		Date & Time:		Received by:		Company:		Date & Time:																																																																								



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: 8/25/2016
 Sample Date: 8/9/2016
 Sample Time: 3:30 PM
 Sampled By: Jerry Pollen

Project Name: **CONP WTP Bi-Annual PFC's 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	PEF29160	3518933

Jerry Pollen
Pollen Environmental, LLC - Fairbanks

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.

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

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*	E87775	Ohio	87775
Georgia	929	Oklahoma	D9508
Hawaii	IN035	Oregon (Primary AB)*	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



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

Report: 369952
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
3518933	PEF29160/Well A	537	08/09/16 15:30	Client	08/11/16 09:30

Report Summary

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

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

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

Traci Chlebowski ASM

Authorized Signature

Title

08/24/2016

Date

Client Name: Pollen Environmental LLC
Report #: 369952

Sampling Point: PEF29160/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	---	9.0	< 9.0	ng/L	08/19/16 07:53	08/21/16 03:52	3518933
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	1.0	< 1.0	ng/L	08/19/16 07:53	08/21/16 03:52	3518933
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	3.0	< 3.0	ng/L	08/19/16 07:53	08/21/16 03:52	3518933
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	08/19/16 07:53	08/21/16 03:52	3518933
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	4.0	< 4.0	ng/L	08/19/16 07:53	08/21/16 03:52	3518933
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	< 2.0	ng/L	08/19/16 07:53	08/21/16 03:52	3518933

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

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

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

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

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

POLLEN ENVIRONMENTAL, LLC.

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

CHAIN OF CUSTODY/WORKORDER FORM

303277

COC# 369952
 CONP 2016

CLIENT INFORMATION			Contact Person:			Requested Analysis						Page 1 of 1
Company: City of North Pole			Paul Trissel			Perservative Added PFO:S Number of Containers <input type="checkbox"/> Normal Turnaround <input type="checkbox"/> RUSH ___ day(s)						
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			v Yes <input type="checkbox"/> No									
Email: northpoleutilities@alaska.net			Purchase Order/Charge Code:									
Project Name: Bi-Annual WTP Monitoring			2016-631									
Sampled By: JEP												
Sample Identification	Sample Date	Sample Time	Matrix	Lab ID#	Sub Lab ID#							Sample Comments
Well A	8/9/2016	1530	W	PEF29160		3	X					3518933
Possible Hazard Identification:						Sample Condition:						
<input type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Unknown						Pollen Env Temperature on arrival: 1.8 °C COC Seal: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Absent						
						Sub Lab Temperature on arrival: 1.8 °C COC Seal: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Absent						
Special Instructions/QC Requirements & Comments:												
Relinquished by:	Company:	Date & Time:	Received by:	Company:	Date & Time:							
Jerry Pollen	Pollen Env	8-10-16 @ 1100am	Jerry Pollen	Pollen Env	8-9-16 @ 1700							
Relinquished by:	Company:	Date & Time:	Received by:	Company:	Date & Time:							
			KDms	EPA	8-11-16 0930							

Accuracy, Precision, and Professional Service

**Eurofins Eaton Analytical
Run Log**

Run ID: **219547** Method: **537**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCL	3527086		OS	DQ	08/20/2016 15:05	082016M537a-DQ.mdb
LRB	3527075		RW	DQ	08/20/2016 16:06	082016M537a-DQ.mdb
FBL	3527076		RW	DQ	08/20/2016 16:37	082016M537a-DQ.mdb
CCM	3527088		OS	DQ	08/20/2016 22:45	082016M537a-DQ.mdb
FS	3518933	PEF29160/Well A	DW	DQ	08/21/2016 03:52	082016M537a-DQ.mdb
CCH	3527089		OS	DQ	08/21/2016 07:27	082016M537a-DQ.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	---		128809.00	128809	ng/L	100	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	IS-PFOS-13C4	537	N/A	---		49347.80	49347.8	ng/L	100	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	SS-PFDA-13C2	537	N/A	---		100.0150	100	ng/L	100	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	SS-PFHA-13C2	537	N/A	---		50.3636	50.0	ng/L	101	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		8.4415	9.0	ng/L	94	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	Perfluorheptanoic acid (PFHpA)	537	1.0	---		0.9223	1.0	ng/L	92	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	Perfluorhexanesulfonic acid (PFHxS)	537	3.0	---		2.3680	3.0	ng/L	79	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	Perfluornonanoic acid (PFNA)	537	2.0	---		1.7865	2.0	ng/L	89	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	Perfluorooctane sulfonate (PFOS)	537	4.0	---		3.6367	4.0	ng/L	91	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	---		1.8802	2.0	ng/L	94	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 15:05	3527086
LRB	IS-PFOA-13C2	537	N/A	---		129936.00	128809	ng/L	101	50 - 150	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	IS-PFOS-13C4	537	N/A	---		50218.20	49347.8	ng/L	102	50 - 150	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	SS-PFDA-13C2	537	N/A	---		90.5701	100	ng/L	95	70 - 130	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	SS-PFHA-13C2	537	N/A	---		45.8285	50.0	ng/L	96	70 - 130	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---	<	9.0		ng/L	---	---	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	Perfluorheptanoic acid (PFHpA)	537	1.0	---	<	1.0		ng/L	---	---	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	Perfluorhexanesulfonic acid (PFHxS)	537	3.0	---	<	3.0		ng/L	---	---	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	Perfluornonanoic acid (PFNA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	Perfluorooctane sulfonate (PFOS)	537	4.0	---	<	4.0		ng/L	---	---	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	08/19/2016 07:53	08/20/2016 16:06	3527075
FBL	IS-PFOA-13C2	537	N/A	---		125111.00	128809	ng/L	97	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	IS-PFOS-13C4	537	N/A	---		48521.10	49347.8	ng/L	98	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	SS-PFDA-13C2	537	N/A	---		92.9757	100	ng/L	93	70 - 130	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	SS-PFHA-13C2	537	N/A	---		46.3165	50.0	ng/L	93	70 - 130	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		7.7391	9.0	ng/L	86	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	Perfluorheptanoic acid (PFHpA)	537	1.0	---		0.8817	1.0	ng/L	88	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	Perfluorhexanesulfonic acid (PFHxS)	537	3.0	---		2.2706	3.0	ng/L	76	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	Perfluornonanoic acid (PFNA)	537	2.0	---		1.7896	2.0	ng/L	89	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	Perfluorooctane sulfonate (PFOS)	537	4.0	---		3.4208	4.0	ng/L	86	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
FBL	Perfluorooctanoic acid (PFOA)	537	2.0	---		1.9523	2.0	ng/L	98	50 - 150	---	---	1.0	08/19/2016 07:53	08/20/2016 16:37	3527076
CCM	IS-PFOA-13C2	537	N/A	---		133734.00	133734	ng/L	100	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	IS-PFOS-13C4	537	N/A	---		60972.00	60972	ng/L	100	50 - 150	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	SS-PFDA-13C2	537	N/A	---		98.0025	100	ng/L	98	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	SS-PFHA-13C2	537	N/A	---		49.5958	50.0	ng/L	99	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		686.1980	675	ng/L	102	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	Perfluorheptanoic acid (PFHpA)	537	1.0	---		75.7993	75.0	ng/L	101	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	Perfluorhexanesulfonic acid (PFHxS)	537	3.0	---		220.2640	225	ng/L	98	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	Perfluornonanoic acid (PFNA)	537	2.0	---		154.3730	150	ng/L	103	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	Perfluorooctane sulfonate (PFOS)	537	4.0	---		285.4030	300	ng/L	95	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		153.5450	150	ng/L	102	70 - 130	---	---	1.0	08/18/2016 14:13	08/20/2016 22:45	3527088

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	IS-PFOA-13C2	537	N/A	PEF29160/Well A		127040.00	133734	ng/L	95	50 - 150	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	IS-PFOS-13C4	537	N/A	PEF29160/Well A		51087.60	60972	ng/L	84	50 - 150	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	SS-PFDA-13C2	537	N/A	PEF29160/Well A		92.6537	100	ng/L	95	70 - 130	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	SS-PFHXA-13C2	537	N/A	PEF29160/Well A		47.8837	50.0	ng/L	98	70 - 130	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	Perfluorobutanesulfonic acid (PFBS)	537	9.0	PEF29160/Well A	<	9.0		ng/L	---	---	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	Perfluoroheptanoic acid (PFHpA)	537	1.0	PEF29160/Well A	<	1.0		ng/L	---	---	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	PEF29160/Well A	<	3.0		ng/L	---	---	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	Perfluorooctanoic acid (PFNA)	537	2.0	PEF29160/Well A	<	2.0		ng/L	---	---	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	Perfluorooctane sulfonate (PFOS)	537	4.0	PEF29160/Well A	<	4.0		ng/L	---	---	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
FS	Perfluorooctanoic acid (PFOA)	537	2.0	PEF29160/Well A	<	2.0		ng/L	---	---	---	---	0.98	08/19/2016 07:53	08/21/2016 03:52	3518933
CCH	IS-PFOA-13C2	537	N/A	---		127269.00	127269	ng/L	100	50 - 150	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	IS-PFOS-13C4	537	N/A	---		58693.20	58693.2	ng/L	100	50 - 150	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	SS-PFDA-13C2	537	N/A	---		101.1730	100	ng/L	101	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	SS-PFHXA-13C2	537	N/A	---		50.4059	50.0	ng/L	101	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		1115.9300	1125	ng/L	99	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	Perfluoroheptanoic acid (PFHpA)	537	1.0	---		126.1740	125	ng/L	101	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	---		384.8700	375	ng/L	103	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	Perfluorooctanoic acid (PFNA)	537	2.0	---		254.7090	250	ng/L	102	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	Perfluorooctane sulfonate (PFOS)	537	4.0	---		519.2820	500	ng/L	104	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089
CCH	Perfluorooctanoic acid (PFOA)	537	2.0	---		254.1510	250	ng/L	102	70 - 130	---	---	1.0	08/18/2016 14:13	08/21/2016 07:27	3527089

Sample Type Key

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

END OF REPORT