

Fire Training Area

LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at

(b) (6)

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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](#)

NELAC NARRATIVE PAGE

Client: United States Army Corp of Engineers

Report #: 372298NP

Eurofins Eaton Analytical, Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAC standards, unless otherwise noted.

(b) (6)

NELAP requires complete reporting of deviations from method requirements, regardless of the suspected impact on the data. Quality control failures not reported within the report summary are noted here.

Note: There were quality control issues with this report for Method 537. See Report Summary.

There were no additional quality control failures.

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(b) (6)

09/26/2016

Authorized Signature

Title

Date

Page 1 of 1

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 Fax: (574) 233-8207
 1 800 332 4345

Laboratory Report

Client: United States Army Corp of Engineers

Report: 372298
 Priority: Standard Written
 Status: Final
 PWS ID: Not Supplied
 Lab ELAP #: 11398

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Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3541652	FDFT-MW-1-Sept-2016	537	09/08/16 10:48	Client	09/09/16 08:45
3541653	FDFT-MW-2-Sept-2016	537	09/08/16 13:50	Client	09/09/16 08:45
3541656	FDFT-MW-3-Sept-2016	537	09/08/16 15:45	Client	09/09/16 08:45
3541657	FTB	537	09/08/16 13:50	Client	09/09/16 08:45
3541658	FDFT-MW-4-Sept-2016	537	09/08/16 17:24	Client	09/09/16 08:45
3541659	FDFT-MW-4-Sept-2016 Dup	537	09/08/16 08:00	Client	09/09/16 08:45

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 (b) (6)

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09/26/2016

Date

Client Name: United States Army Corp of Engineers
 Report #: 372298

Sampling Point: FDFT-MW-1-Sept-2016

PWS ID: Not Supplied

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
375-73-5	Perfluorobutanesulfonic acid (PFBS) §	537	---	2.0	100	ng/L	09/13/16 08:13	09/14/16 03:52	3541652
375-85-9	Perfluoroheptanoic acid (PFHpA) §	537	---	2.0	770	ng/L	09/13/16 08:13	09/14/16 23:53	3541652
355-46-4	Perfluorohexanesulfonic acid (PFHxS) §	537	---	2.0	1200	ng/L	09/13/16 08:13	09/14/16 23:53	3541652
375-95-1	Perfluorononanoic acid (PFNA) §	537	---	2.0	430	ng/L	09/13/16 08:13	09/14/16 23:53	3541652
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	1500	ng/L	09/13/16 08:13	09/14/16 23:53	3541652
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	1400	ng/L	09/13/16 08:13	09/14/16 23:53	3541652

§ The state of origin does not offer certification for this parameter.

Sampling Point: FDFT-MW-2-Sept-2016

PWS ID: Not Supplied

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
375-73-5	Perfluorobutanesulfonic acid (PFBS) §	537	---	2.0	96	ng/L	09/13/16 08:13	09/14/16 04:09	3541653
375-85-9	Perfluoroheptanoic acid (PFHpA) §	537	---	2.0	210	ng/L	09/13/16 08:13	09/15/16 00:09	3541653
355-46-4	Perfluorohexanesulfonic acid (PFHxS) §	537	---	2.0	3700	ng/L	09/13/16 08:13	09/15/16 00:09	3541653
375-95-1	Perfluorononanoic acid (PFNA) §	537	---	2.0	240	ng/L	09/13/16 08:13	09/15/16 00:09	3541653
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	3900	ng/L	09/13/16 08:13	09/15/16 00:09	3541653
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	1500	ng/L	09/13/16 08:13	09/15/16 00:09	3541653

§ The state of origin does not offer certification for this parameter.

Sampling Point: FDFT-MW-3-Sept-2016

PWS ID: Not Supplied

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
375-73-5	Perfluorobutanesulfonic acid (PFBS) §	537	---	2.0	1100	ng/L	09/13/16 08:13	09/15/16 00:26	3541656
375-85-9	Perfluoroheptanoic acid (PFHpA) §	537	---	2.0	1500	ng/L	09/13/16 08:13	09/15/16 00:26	3541656
355-46-4	Perfluorohexanesulfonic acid (PFHxS) §	537	---	2.0	3500	ng/L	09/13/16 08:13	09/15/16 00:26	3541656
375-95-1	Perfluorononanoic acid (PFNA) §	537	---	2.0	1300	ng/L	09/13/16 08:13	09/15/16 00:26	3541656
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	4800	ng/L	09/13/16 08:13	09/15/16 00:26	3541656
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	2100	ng/L	09/13/16 08:13	09/15/16 00:26	3541656

§ The state of origin does not offer certification for this parameter.

Sampling Point: FTB

PWS ID: Not Supplied

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
375-73-5	Perfluorobutanesulfonic acid (PFBS) §	537	---	2.0	< 2.0	ng/L	09/13/16 08:13	09/14/16 05:16	3541657
375-85-9	Perfluoroheptanoic acid (PFHpA) §	537	---	2.0	< 2.0	ng/L	09/13/16 08:13	09/14/16 05:16	3541657
355-46-4	Perfluorohexanesulfonic acid (PFHxS) §	537	---	2.0	< 2.0	ng/L	09/13/16 08:13	09/14/16 05:16	3541657
375-95-1	Perfluorononanoic acid (PFNA) §	537	---	2.0	< 2.0	ng/L	09/13/16 08:13	09/14/16 05:16	3541657
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	< 2.0	ng/L	09/13/16 08:13	09/14/16 05:16	3541657
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	< 2.0	ng/L	09/13/16 08:13	09/14/16 05:16	3541657

§ The state of origin does not offer certification for this parameter.

Sampling Point: FDFT-MW-4-Sept-2016

PWS ID: Not Supplied

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
375-73-5	Perfluorobutanesulfonic acid (PFBS) §	537	---	2.0	130	ng/L	09/13/16 08:13	09/14/16 05:32	3541658
375-85-9	Perfluoroheptanoic acid (PFHpA) §	537	---	2.0	330	ng/L	09/13/16 08:13	09/15/16 00:43	3541658
355-46-4	Perfluorohexanesulfonic acid (PFHxS) §	537	---	2.0	430	ng/L	09/13/16 08:13	09/15/16 00:43	3541658
375-95-1	Perfluorononanoic acid (PFNA) §	537	---	2.0	9.6	ng/L	09/13/16 08:13	09/14/16 05:32	3541658
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	4500	ng/L	09/13/16 08:13	09/15/16 00:43	3541658
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	150	ng/L	09/13/16 08:13	09/14/16 05:32	3541658

§ The state of origin does not offer certification for this parameter.

Sampling Point: FDFT-MW-4-Sept-2016 Dup

PWS ID: Not Supplied

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
375-73-5	Perfluorobutanesulfonic acid (PFBS) §	537	---	2.0	140	ng/L	09/13/16 08:13	09/14/16 05:49	3541659
375-85-9	Perfluoroheptanoic acid (PFHpA) §	537	---	2.0	340	ng/L	09/13/16 08:13	09/15/16 01:00	3541659
355-46-4	Perfluorohexanesulfonic acid (PFHxS) §	537	---	2.0	460	ng/L	09/13/16 08:13	09/15/16 01:00	3541659
375-95-1	Perfluorononanoic acid (PFNA) §	537	---	2.0	9.0	ng/L	09/13/16 08:13	09/14/16 05:49	3541659
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	4600	ng/L	09/13/16 08:13	09/15/16 01:00	3541659
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	150	ng/L	09/13/16 08:13	09/14/16 05:49	3541659

§ The state of origin does not offer certification for this parameter.

† 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.



Eaton Analytical

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Order # 204060
Batch # 372298

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

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REPORT TO: (b) (6)
 Shaded area for EEA use only
 COMPLIANCE MONITORING: Yes No

LAB Number	COLLECTION		SAMPLING SITE	TEST NAME	POPULATION SERVED	STATE (sample origin)	PROJECT NAME	CHLORINATED		MATRIX CODE	TURNAROUND TIME
	DATE	TIME						YES	NO		
35H1652	8-Sep-16	1048	EDFT - MW-1 - Sept. 2016	Method 537		NY	Ft. Drum		X	2	GW
653	8-Sep-16	1350	EDFT - MW-2 - Sept. 2016	Method 537			Fire Training Site		X	2	GW
654	8-Sep-16	1350	MS - MW-2 - Sept. 2016	Method 537			Investigation		X	2	SW
655	8-Sep-16	1350	MSD MW-2 - Sept. 2016	Method 537					X	2	GW
656	8-Sep-16	1545	EDFT - MW-3 - Sept. 2016	Method 537					X	2	GW
657	8-Sep-16	1350	Field Blank	Method 537					NA	1	GW
658	8-Sep-16	1724	EDFT - MW-4 - Sept. 2016	Method 537					X	2	GW
659	8-Sep-16	0800	EDFT - MW-4 - Sept. 2016 - DOP	Method 537					X	2	GW

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

RECEIVED BY: (Signature) [Signature] DATE [8-Sep-16] TIME [1030] AM/PM [AM]

RECEIVED BY: (Signature) [Signature] DATE [8-Sep-16] TIME [1030] AM/PM [AM]

RECEIVED FOR LABORATORY BY: (b) (6) DATE [9-16-16] TIME [0845] AM/PM [AM]

CONDITIONS UPON RECEIPT (check one):
 Iced/Wet/Blue Ambient °C Upon Receipt 4.8

LAB COMMENTS: [Blank]

MATRIX CODES:
 DW-DRINKING WATER
 RW-REAGENT WATER
 GW-GROUND WATER
 EW-EXPOSURE WATER
 SW-SURFACE WATER
 PW-POOL WATER
 WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES:
 SW = Standard Written: (15 working days) 0%
 RW = Rush Written: (5 working days) 50%
 RW* = Rush Written: (5 working days) 75%
 N* = Immediate Verbal: (3 working days) 100%
 WW* = Immediate Written: (3 working days) 125%
 SP* = Weekend, Holiday CALL
 STAT* = Less than 48 hours CALL

* Please call, expedited service not available for all testing

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agree to in writing by EEA.

06-LO-F0435 Issue 5.0 Effective Date: 2016-01-20

Eurofins Eaton Analytical

Run Log

Run ID: **220661** 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	3543764		OS	CY	09/13/2016 22:34	091316M537b-PFC12.mdb
LRB	3543752		RW	CY	09/13/2016 23:07	091316M537b-PFC12.mdb
FBM	3543754		RW	CY	09/13/2016 23:41	091316M537b-PFC12.mdb
FS	3541652	FDFT-MW-1-Sept-2016	GW	CY	09/14/2016 03:52	091316M537b-PFC12.mdb
FS	3541653	FDFT-MW-2-Sept-2016	GW	CY	09/14/2016 04:09	091316M537b-PFC12.mdb
LFSML	3541654	FDFT-MW-2-Sept-2016	GW	CY	09/14/2016 04:25	091316M537b-PFC12.mdb
LFSMDL	3541655	FDFT-MW-2-Sept-2016	GW	CY	09/14/2016 04:42	091316M537b-PFC12.mdb
FS	3541656	FDFT-MW-3-Sept-2016	GW	CY	09/14/2016 04:59	091316M537b-PFC12.mdb
FTB	3541657	FTB	RW	CY	09/14/2016 05:16	091316M537b-PFC12.mdb
FS	3541658	FDFT-MW-4-Sept-2016	GW	CY	09/14/2016 05:32	091316M537b-PFC12.mdb
FS	3541659	FDFT-MW-4-Sept-2016 Dup	DW	CY	09/14/2016 05:49	091316M537b-PFC12.mdb
CCM	3543765		OS	CY	09/14/2016 06:06	091316M537b-PFC12.mdb

QC Summary Report

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCL	IS-PFOA-13C2	537	N/A	--		8128.60	8128.6	ng/L	100	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	IS-PFOS-13C4	537	N/A	--		7134.95	7134.95	ng/L	100	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	SS-PFDA-13C2	537	N/A	--		97.1467	100	ng/L	97	70 - 130	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	SS-PFHXA-13C2	537	N/A	--		51.1297	50.0	ng/L	102	70 - 130	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	--		1.6525	2.0	ng/L	83	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	Perfluorheptanoic acid (PFHpA)	537	2.0	--		1.8997	2.0	ng/L	95	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	--		1.7229	2.0	ng/L	86	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	Perfluorononanoic acid (PFNA)	537	2.0	--		1.9425	2.0	ng/L	97	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	Perfluorooctane sulfonate (PFOS)	537	2.0	--		1.6746	2.0	ng/L	84	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	--		1.9436	2.0	ng/L	97	50 - 150	--	1.0	09/06/2016 16:00	09/13/2016 22:34	3543764
LRB	IS-PFOA-13C2	537	N/A	--		8259.79	8128.6	ng/L	102	50 - 150	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	IS-PFOS-13C4	537	N/A	--		6564.48	7134.95	ng/L	92	50 - 150	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	SS-PFDA-13C2	537	N/A	--		96.5058	100	ng/L	103	70 - 130	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	SS-PFHXA-13C2	537	N/A	--		47.2133	50.0	ng/L	100	70 - 130	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	--	<	2.0		ng/L	--	--	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	Perfluorheptanoic acid (PFHpA)	537	2.0	--	<	2.0		ng/L	--	--	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	--	<	2.0		ng/L	--	--	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	Perfluorononanoic acid (PFNA)	537	2.0	--	<	2.0		ng/L	--	--	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	Perfluorooctane sulfonate (PFOS)	537	2.0	--	<	2.0		ng/L	--	--	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	--	<	2.0		ng/L	--	--	--	0.94	09/13/2016 08:13	09/13/2016 23:07	3543752
FBM	IS-PFOA-13C2	537	N/A	--		8337.80	8128.6	ng/L	103	50 - 150	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	IS-PFOS-13C4	537	N/A	--		6748.48	7134.95	ng/L	95	50 - 150	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	SS-PFDA-13C2	537	N/A	--		108.1300	100	ng/L	108	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	SS-PFHXA-13C2	537	N/A	--		51.3039	50.0	ng/L	103	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	--		102.6360	100	ng/L	103	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	Perfluorheptanoic acid (PFHpA)	537	2.0	--		101.1180	100	ng/L	101	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	--		102.4000	100	ng/L	102	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	Perfluorononanoic acid (PFNA)	537	2.0	--		98.1199	100	ng/L	98	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	Perfluorooctane sulfonate (PFOS)	537	2.0	--		97.8346	100	ng/L	98	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FBM	Perfluorooctanoic acid (PFOA)	537	2.0	--		99.4424	100	ng/L	99	70 - 130	--	1.0	09/13/2016 08:13	09/13/2016 23:41	3543754
FS	IS-PFOA-13C2	537	N/A	FDFT-MW-1-Sept-2016		1889.66	8128.6	ng/L	23	50 - 150	--	0.91	09/13/2016 08:13	09/14/2016 03:52	3541652
FS	IS-PFOS-13C4	537	N/A	FDFT-MW-1-Sept-2016		5670.38	7134.95	ng/L	79	50 - 150	--	0.91	09/13/2016 08:13	09/14/2016 03:52	3541652
FS	SS-PFDA-13C2	537	N/A	FDFT-MW-1-Sept-2016		422.2660	100	ng/L	464	70 - 130	--	0.91	09/13/2016 08:13	09/14/2016 03:52	3541652
FS	SS-PFHXA-13C2	537	N/A	FDFT-MW-1-Sept-2016		153.7830	50.0	ng/L	338	70 - 130	--	0.91	09/13/2016 08:13	09/14/2016 03:52	3541652
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FDFT-MW-1-Sept-2016		100		ng/L	--	--	--	0.91	09/13/2016 08:13	09/14/2016 03:52	3541652
FS	IS-PFOA-13C2	537	N/A	FDFT-MW-2-Sept-2016		4533.90	8128.6	ng/L	56	50 - 150	--	0.9	09/13/2016 08:13	09/14/2016 04:09	3541653
FS	IS-PFOS-13C4	537	N/A	FDFT-MW-2-Sept-2016		4494.31	7134.95	ng/L	63	50 - 150	--	0.9	09/13/2016 08:13	09/14/2016 04:09	3541653
FS	SS-PFDA-13C2	537	N/A	FDFT-MW-2-Sept-2016		184.2180	100	ng/L	205	70 - 130	--	0.9	09/13/2016 08:13	09/14/2016 04:09	3541653
FS	SS-PFHXA-13C2	537	N/A	FDFT-MW-2-Sept-2016		72.2102	50.0	ng/L	160	70 - 130	--	0.9	09/13/2016 08:13	09/14/2016 04:09	3541653
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FDFT-MW-2-Sept-2016		96		ng/L	--	--	--	0.9	09/13/2016 08:13	09/14/2016 04:09	3541653

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 #
LFSML	IS-PFOA-13C2	537	N/A	FDFT-MW-2-Sept-2016		4613.70	8128.6	ng/L	57	50 - 150	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541654
LFSML	IS-PFOS-13C4	537	N/A	FDFT-MW-2-Sept-2016		4627.37	7134.95	ng/L	65	50 - 150	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541654
LFSML	SS-PFDA-13C2	537	N/A	FDFT-MW-2-Sept-2016		197.7510	100	ng/L	198	70 - 130	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541654
LFSML	SS-PFHXA-13C2	537	N/A	FDFT-MW-2-Sept-2016		73.2229	50.0	ng/L	146	70 - 130	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541654
LFSML	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FDFT-MW-2-Sept-2016		105.0750	98.3429	ng/L	437	50 - 150	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541654
LFSMDL	IS-PFOA-13C2	537	N/A	FDFT-MW-2-Sept-2016		4620.42	8128.6	ng/L	57	50 - 150	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541655
LFSMDL	IS-PFOS-13C4	537	N/A	FDFT-MW-2-Sept-2016		4786.05	7134.95	ng/L	67	50 - 150	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541655
LFSMDL	SS-PFDA-13C2	537	N/A	FDFT-MW-2-Sept-2016		189.3260	100	ng/L	189	70 - 130	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541655
LFSMDL	SS-PFHXA-13C2	537	N/A	FDFT-MW-2-Sept-2016		75.3031	50.0	ng/L	151	70 - 130	—	—	1.0	09/13/2016 08:13	09/14/2016 04:25	3541655
LFSMDL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FDFT-MW-2-Sept-2016		95.0668	98.3429	ng/L	-64	50 - 150	10	50	1.0	09/13/2016 08:13	09/14/2016 04:25	3541655
FS	IS-PFOA-13C2	537	N/A	FDFT-MW-3-Sept-2016		4736.10	8128.6	ng/L	58	50 - 150	—	—	1.0	09/13/2016 08:13	09/14/2016 04:59	3541656
FS	IS-PFOS-13C4	537	N/A	FDFT-MW-3-Sept-2016		4646.08	7134.95	ng/L	65	50 - 150	—	—	1.0	09/13/2016 08:13	09/14/2016 04:59	3541656
FTB	IS-PFOA-13C2	537	N/A	FTB		8585.70	8128.6	ng/L	106	50 - 150	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	IS-PFOS-13C4	537	N/A	FTB		6970.06	7134.95	ng/L	98	50 - 150	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	SS-PFDA-13C2	537	N/A	FTB		100.8080	100	ng/L	112	70 - 130	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	SS-PFHXA-13C2	537	N/A	FTB		44.5691	50.0	ng/L	99	70 - 130	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FTB	<	2.0		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	Perfluoroheptanoic acid (PFHpA)	537	2.0	FTB	<	2.0		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	FTB	<	2.0		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	Perfluorononanoic acid (PFNA)	537	2.0	FTB	<	2.0		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	Perfluorooctane sulfonate (PFOS)	537	2.0	FTB	<	2.0		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FTB	Perfluorooctanoic acid (PFOA)	537	2.0	FTB	<	2.0		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:16	3541657
FS	IS-PFOA-13C2	537	N/A	FDFT-MW-4-Sept-2016		7730.47	8128.6	ng/L	95	50 - 150	—	—	0.93	09/13/2016 08:13	09/14/2016 05:32	3541658
FS	IS-PFOS-13C4	537	N/A	FDFT-MW-4-Sept-2016		4080.80	7134.95	ng/L	57	50 - 150	—	—	0.93	09/13/2016 08:13	09/14/2016 05:32	3541658
FS	SS-PFDA-13C2	537	N/A	FDFT-MW-4-Sept-2016		102.5210	100	ng/L	110	70 - 130	—	—	0.93	09/13/2016 08:13	09/14/2016 05:32	3541658
FS	SS-PFHXA-13C2	537	N/A	FDFT-MW-4-Sept-2016		43.0484	50.0	ng/L	93	70 - 130	—	—	0.93	09/13/2016 08:13	09/14/2016 05:32	3541658
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FDFT-MW-4-Sept-2016		130		ng/L	—	—	—	—	0.93	09/13/2016 08:13	09/14/2016 05:32	3541658
FS	Perfluorononanoic acid (PFNA)	537	2.0	FDFT-MW-4-Sept-2016		9.6		ng/L	—	—	—	—	0.93	09/13/2016 08:13	09/14/2016 05:32	3541658
FS	Perfluorooctanoic acid (PFOA)	537	2.0	FDFT-MW-4-Sept-2016		150		ng/L	—	—	—	—	0.93	09/13/2016 08:13	09/14/2016 05:32	3541658
FS	IS-PFOA-13C2	537	N/A	FDFT-MW-4-Sept-2016 Dup		7846.90	8128.6	ng/L	97	50 - 150	—	—	0.9	09/13/2016 08:13	09/14/2016 05:49	3541659
FS	IS-PFOS-13C4	537	N/A	FDFT-MW-4-Sept-2016 Dup		3989.09	7134.95	ng/L	56	50 - 150	—	—	0.9	09/13/2016 08:13	09/14/2016 05:49	3541659
FS	SS-PFDA-13C2	537	N/A	FDFT-MW-4-Sept-2016 Dup		95.4026	100	ng/L	106	70 - 130	—	—	0.9	09/13/2016 08:13	09/14/2016 05:49	3541659
FS	SS-PFHXA-13C2	537	N/A	FDFT-MW-4-Sept-2016 Dup		41.9985	50.0	ng/L	93	70 - 130	—	—	0.9	09/13/2016 08:13	09/14/2016 05:49	3541659
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FDFT-MW-4-Sept-2016 Dup		140		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:49	3541659
FS	Perfluorononanoic acid (PFNA)	537	2.0	FDFT-MW-4-Sept-2016 Dup		9.0		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:49	3541659
FS	Perfluorooctanoic acid (PFOA)	537	2.0	FDFT-MW-4-Sept-2016 Dup		150		ng/L	—	—	—	—	0.9	09/13/2016 08:13	09/14/2016 05:49	3541659
CCM	IS-PFOA-13C2	537	N/A			8208.56	8208.56	ng/L	100	50 - 150	—	—	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	IS-PFOS-13C4	537	N/A			6965.58	6965.58	ng/L	100	50 - 150	—	—	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	SS-PFDA-13C2	537	N/A			95.0483	100	ng/L	95	70 - 130	—	—	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	SS-PFHXA-13C2	537	N/A			50.7427	50.0	ng/L	101	70 - 130	—	—	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	Perfluorobutanesulfonic acid (PFBS)	537	2.0			103.0630	100	ng/L	103	70 - 130	—	—	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCM	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		102.3470	100	ng/L	102	70 - 130	---	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		98.3792	100	ng/L	98	70 - 130	---	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	Perfluorononanoic acid (PFNA)	537	2.0	---		103.7240	100	ng/L	104	70 - 130	---	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		97.4273	100	ng/L	97	70 - 130	---	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		98.4397	100	ng/L	98	70 - 130	---	1.0	09/06/2016 16:00	09/14/2016 06:06	3543765

Eurofins Eaton Analytical Run Log

Run ID: **220690** 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	3544357		OS	CY	09/14/2016 18:01	091416M537a-PFC12.mdb
CCL	3544357		OS	CY	09/14/2016 18:01	091416M537a-PFC12.mdb
LRB	3544344		RW	CY	09/14/2016 18:34	091416M537a-PFC12.mdb
LRB	3544344		RW	CY	09/14/2016 18:34	091416M537a-PFC12.mdb
FBH	3544345		RW	CY	09/14/2016 19:08	091416M537a-PFC12.mdb
FBH	3544345		RW	CY	09/14/2016 19:08	091416M537a-PFC12.mdb
FS	3541652		GW	CY	09/14/2016 23:53	091416M537a-PFC12.mdb
FS	3541653	FDFT-MW-1-Sept-2016	GW	CY	09/15/2016 00:09	091416M537a-PFC12.mdb
FS	3541656	FDFT-MW-2-Sept-2016	GW	CY	09/15/2016 00:26	091416M537a-PFC12.mdb
FS	3541658	FDFT-MW-3-Sept-2016	GW	CY	09/15/2016 00:43	091416M537a-PFC12.mdb
FS	3541659	FDFT-MW-4-Sept-2016	DW	CY	09/15/2016 01:00	091416M537a-PFC12.mdb
CCM	3544358	FDFT-MW-4-Sept-2016 Dup	OS	CY	09/15/2016 02:57	091416M537a-PFC12.mdb
CCM	3544358		OS	CY	09/15/2016 02:57	091416M537a-PFC12.mdb

QC Summary Report

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	--		1.6348	2.0	ng/L	82	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	--		1.7427	2.0	ng/L	87	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	--		1.7341	2.0	ng/L	87	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	Perfluorononanoic acid (PFNA)	537	2.0	--		1.6924	2.0	ng/L	85	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	Perfluorooctane sulfonate (PFOS)	537	2.0	--		1.6996	2.0	ng/L	85	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	--		1.7814	2.0	ng/L	89	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	IS-PFOA-13C2	537	N/A	--		8840.86	8840.86	ng/L	100	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	IS-PFOS-13C4	537	N/A	--		7299.45	7299.45	ng/L	100	50 - 150	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	SS-PFDA-13C2	537	N/A	--		96.8320	100	ng/L	97	70 - 130	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
CCL	SS-PFHxA-13C2	537	N/A	--		49.1382	50.0	ng/L	98	70 - 130	--	1.0	09/14/2016 13:21	09/14/2016 18:01	3544357
LRB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	--	<	2.0		ng/L	--	--	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	--	<	2.0		ng/L	--	--	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	--	<	2.0		ng/L	--	--	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	Perfluorononanoic acid (PFNA)	537	2.0	--	<	2.0		ng/L	--	--	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	Perfluorooctane sulfonate (PFOS)	537	2.0	--	<	2.0		ng/L	--	--	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	--	<	2.0		ng/L	--	--	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	IS-PFOA-13C2	537	N/A	--		8838.99	8840.86	ng/L	100	50 - 150	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	IS-PFOS-13C4	537	N/A	--		7302.11	7299.45	ng/L	100	50 - 150	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	SS-PFDA-13C2	537	N/A	--		86.3773	100	ng/L	94	70 - 130	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
LRB	SS-PFHxA-13C2	537	N/A	--		44.4030	50.0	ng/L	97	70 - 130	--	0.92	09/14/2016 07:35	09/14/2016 18:34	3544344
FBH	Perfluorobutanesulfonic acid (PFBS)	537	2.0	--		182.1980	200	ng/L	91	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	Perfluorooctanoic acid (PFOA)	537	2.0	--		177.5130	200	ng/L	89	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	--		193.0950	200	ng/L	97	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	Perfluorononanoic acid (PFNA)	537	2.0	--		182.8420	200	ng/L	91	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	Perfluorooctane sulfonate (PFOS)	537	2.0	--		184.0080	200	ng/L	92	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	Perfluorooctanoic acid (PFOA)	537	2.0	--		187.5680	200	ng/L	94	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	IS-PFOA-13C2	537	N/A	--		8496.25	8840.86	ng/L	96	50 - 150	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	IS-PFOS-13C4	537	N/A	--		6871.66	7299.45	ng/L	94	50 - 150	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	SS-PFDA-13C2	537	N/A	--		95.2342	100	ng/L	95	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FBH	SS-PFHxA-13C2	537	N/A	--		43.6649	50.0	ng/L	87	70 - 130	--	1.0	09/14/2016 07:35	09/14/2016 19:08	3544345
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	FDFT-MW-1-Sept-2016		770		ng/L	--	--	--	91	09/13/2016 08:13	09/14/2016 23:53	3541652
FS	Perfluorooctanoic acid (PFOA)	537	2.0	FDFT-MW-1-Sept-2016		1200		ng/L	--	--	--	91	09/13/2016 08:13	09/14/2016 23:53	3541652
FS	Perfluorononanoic acid (PFNA)	537	2.0	FDFT-MW-1-Sept-2016		430		ng/L	--	--	--	91	09/13/2016 08:13	09/14/2016 23:53	3541652
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	FDFT-MW-1-Sept-2016		1500		ng/L	--	--	--	91	09/13/2016 08:13	09/14/2016 23:53	3541652
FS	Perfluorooctanoic acid (PFOA)	537	2.0	FDFT-MW-1-Sept-2016		1400		ng/L	--	--	--	91	09/13/2016 08:13	09/14/2016 23:53	3541652
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	FDFT-MW-2-Sept-2016		210		ng/L	--	--	--	90	09/13/2016 08:13	09/15/2016 00:09	3541653
FS	Perfluorooctanoic acid (PFOA)	537	2.0	FDFT-MW-2-Sept-2016		3700		ng/L	--	--	--	90	09/13/2016 08:13	09/15/2016 00:09	3541653
FS	Perfluorononanoic acid (PFNA)	537	2.0	FDFT-MW-2-Sept-2016		240		ng/L	--	--	--	90	09/13/2016 08:13	09/15/2016 00:09	3541653
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	FDFT-MW-2-Sept-2016		3900		ng/L	--	--	--	90	09/13/2016 08:13	09/15/2016 00:09	3541653
FS	Perfluorooctanoic acid (PFOA)	537	2.0	FDFT-MW-2-Sept-2016		1500		ng/L	--	--	--	90	09/13/2016 08:13	09/15/2016 00:09	3541653

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	Perfluorobutanesulfonic acid (PFBS)	537	2.0	FDFT-MW-3-Sept-2016		1100		ng/L	—	—	—	—	100	09/13/2016 08:13	09/15/2016 00:26	3541656
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	FDFT-MW-3-Sept-2016		1500		ng/L	—	—	—	—	100	09/13/2016 08:13	09/15/2016 00:26	3541656
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	FDFT-MW-3-Sept-2016		3500		ng/L	—	—	—	—	100	09/13/2016 08:13	09/15/2016 00:26	3541656
FS	Perfluorononanoic acid (PFNA)	537	2.0	FDFT-MW-3-Sept-2016		1300		ng/L	—	—	—	—	100	09/13/2016 08:13	09/15/2016 00:26	3541656
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	FDFT-MW-3-Sept-2016		4800		ng/L	—	—	—	—	100	09/13/2016 08:13	09/15/2016 00:26	3541656
FS	Perfluorooctanoic acid (PFOA)	537	2.0	FDFT-MW-3-Sept-2016		2100		ng/L	—	—	—	—	100	09/13/2016 08:13	09/15/2016 00:26	3541656
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	FDFT-MW-4-Sept-2016		330		ng/L	—	—	—	—	93	09/13/2016 08:13	09/15/2016 00:43	3541658
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	FDFT-MW-4-Sept-2016		430		ng/L	—	—	—	—	93	09/13/2016 08:13	09/15/2016 00:43	3541658
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	FDFT-MW-4-Sept-2016		4500		ng/L	—	—	—	—	93	09/13/2016 08:13	09/15/2016 00:43	3541658
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	FDFT-MW-4-Sept-2016 Dup		340		ng/L	—	—	—	—	90	09/13/2016 08:13	09/15/2016 01:00	3541659
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	FDFT-MW-4-Sept-2016 Dup		460		ng/L	—	—	—	—	90	09/13/2016 08:13	09/15/2016 01:00	3541659
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	FDFT-MW-4-Sept-2016 Dup		4600		ng/L	—	—	—	—	90	09/13/2016 08:13	09/15/2016 01:00	3541659
CCM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	—		100.7630	100	ng/L	101	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	Perfluoroheptanoic acid (PFHpA)	537	2.0	—		101.6390	100	ng/L	102	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	—		101.8080	100	ng/L	102	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	Perfluorononanoic acid (PFNA)	537	2.0	—		101.8050	100	ng/L	102	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	Perfluorooctane sulfonate (PFOS)	537	2.0	—		97.9633	100	ng/L	98	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	Perfluoroheptanoic acid (PFHpA)	537	2.0	—		102.4210	100	ng/L	102	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	IS-PFOA-13C2	537	N/A	—		8777.80	8777.8	ng/L	100	50 - 150	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	IS-PFOS-13C4	537	N/A	—		7295.37	7295.37	ng/L	100	50 - 150	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	SS-PFDA-13C2	537	N/A	—		94.4863	100	ng/L	94	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358
CCM	SS-PFHxA-13C2	537	N/A	—		50.3603	50.0	ng/L	101	70 - 130	—	—	10	09/14/2016 13:21	09/15/2016 02:57	3544358

Sample Type Key

<u>Type (Abbr.)</u>	<u>Sample Type</u>	<u>Type (Abbr.)</u>	<u>Sample Type</u>
CCL	Continuing Calibration Low		
CCM	Continuing Calibration Mid		
FS	Field Sample		
FTB	Field Trip Blank		
FBH	Fortified Blank High		
FBM	Fortified Blank Mid		
LFSMDL	LFSM Duplicate Low		
LFSML	LFSM Low		
LRB	Laboratory Reagent Blank		

END OF REPORT