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: Converse Laboratories

Attn: Donna Zang
800 Starbuck Ave, Suite B101
Watertown, NY 13601

Report: 364607
Priority: Standard Written
Status: Amended
PWS ID: Not Supplied
Lab ELAP #: 11398

Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3463547	WW007-0616	537	06/02/16 09:47	Client	06/03/16 10:00
3463548	WW007-0616/FTB	537	06/02/16 09:47	Client	06/03/16 10:00
3463549	WW011-0616	537	06/02/16 10:37	Client	06/03/16 10:00
3463550	WW011-0616/FTB	537	06/02/16 10:37	Client	06/03/16 10:00

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 Kelly Trott at (574) 233-4777.

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

Kelly Trott Analytical Services Manager — 06/27/2016

Authorized Signature — Title — Date

Client Name: Converse Laboratories
Report #: 364607

Client Name: Converse Laboratories

Report #: 364607

Sampling Point: WW007-0616

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	—	9.0	< 9.0	ng/L	06/13/16 07:29	06/14/16 04:21	3463547
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	—	1.0	36	ng/L	06/13/16 07:29	06/14/16 04:21	3463547
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	—	3.0	150	ng/L	06/13/16 07:29	06/14/16 04:21	3463547
375-95-1	Perfluorononanoic acid (PFNA)	537	—	2.0	< 2.0	ng/L	06/13/16 07:29	06/14/16 04:21	3463547
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	—	4.0	11	ng/L	06/13/16 07:29	06/14/16 04:21	3463547
335-67-1	Perfluorooctanoic acid (PFOA)	537	—	2.0	90	ng/L	06/13/16 07:29	06/14/16 04:21	3463547

Sampling Point: WW007-0616/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	—	9.0	< 9.0	ng/L	06/13/16 07:29	06/14/16 07:58	3463548
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	—	1.0	< 1.0	ng/L	06/13/16 07:29	06/14/16 07:58	3463548
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	—	3.0	< 3.0	ng/L	06/13/16 07:29	06/14/16 07:58	3463548
375-95-1	Perfluorononanoic acid (PFNA)	537	—	2.0	< 2.0	ng/L	06/13/16 07:29	06/14/16 07:58	3463548
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	—	4.0	< 4.0	ng/L	06/13/16 07:29	06/14/16 07:58	3463548
335-67-1	Perfluorooctanoic acid (PFOA)	537	—	2.0	< 2.0	ng/L	06/13/16 07:29	06/14/16 07:58	3463548

Sampling Point: WW011-0616

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	—	9.0	10	ng/L	06/13/16 07:29	06/14/16 04:52	3463549
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	—	1.0	11	ng/L	06/13/16 07:29	06/14/16 04:52	3463549
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	—	3.0	21	ng/L	06/13/16 07:29	06/14/16 04:52	3463549
375-95-1	Perfluorononanoic acid (PFNA)	537	—	2.0	< 2.0	ng/L	06/13/16 07:29	06/14/16 04:52	3463549
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	—	4.0	< 4.0	ng/L	06/13/16 07:29	06/14/16 04:52	3463549
335-67-1	Perfluorooctanoic acid (PFOA)	537	—	2.0	4.9	ng/L	06/13/16 07:29	06/14/16 04:52	3463549

Client Name: Converse Laboratories

Report #: 364607

Sampling Point: WW011-0616/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	—	9.0	< 9.0	ng/L	06/13/16 07:29	06/14/16 08:29	3463550
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	—	1.0	< 1.0	ng/L	06/13/16 07:29	06/14/16 08:29	3463550
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	—	3.0	< 3.0	ng/L	06/13/16 07:29	06/14/16 08:29	3463550
375-95-1	Perfluorononanoic acid (PFNA)	537	—	2.0	< 2.0	ng/L	06/13/16 07:29	06/14/16 08:29	3463550
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	—	4.0	< 4.0	ng/L	06/13/16 07:29	06/14/16 08:29	3463550
335-67-1	Perfluorooctanoic acid (PFOA)	537	—	2.0	< 2.0	ng/L	06/13/16 07:29	06/14/16 08:29	3463550

† 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:	*	^	!

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*	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

Revision date: 04/14/2016

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.

eurofins | Eaton Analytical

110 S. Hill Street
South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

Order # 298055
Batch # 364607

www.EurofinsUS.com/Eaton

Shaded area for EEA use only

CHAIN OF CUSTODY RECORD

Page 1 of 1

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Converse Labs (315) 788-8388	S.F.		NY	Ft Drum Wellfield Eval. well 17+11	

BILL TO:	COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	SOURCE WATER
Converse Labs customerservice@converselabs.com					well

	LAB Number	COLLECTION DATE	COLLECTION TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1	34603547	6/2/16	0947	X		WW007 - 060116	PFC's method 537	A		✓	1	G	SW
2	34603549	6/2/16	1037	X		WW011 - 060116	PFC's Method 537	A		✓	1	G	SW
3	34603550	6/2/16	1037	X		WW011 - 060116	PFC's Method 537	FTB A		✓	1	G	SW
4	34603548	6/2/16	0947	X		WW007 - 060116	PFC's Method 537	FTB A		✓	1	G	SW
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
KMR13530	6/2/16	1515 AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
		AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM	KDyer 6-3-16		1000 AM PM

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

LAB COMMENTS

CONDITIONS UPON RECEIPT (check one): X Iced: Wet/Blue ____ Ambient ____ 5.6 °C Upon Receipt____ N/A

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%	IV* = Immediate Verbal: (3 working days)	100%
RV* = Rush Verbal: (5 working days)	50%	IW* = Immediate Written: (3 working days)	125%
RW* = Rush Written: (5 working days)	75%	SP* = Weekend, Holiday	CALL
		STAT* = Less than 48 hours	CALL

* Please call, expedited service not available for all testing

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

eurofins | Eaton Analytical

Eurofins Eaton Analytical
Run Log

Run ID: **216946** Method: **537**

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3469584		OS	CY	06/13/2016 22:12	061316M537a.mdb
LRB	3469579		RW	CY	06/13/2016 23:13	061316M537a.mdb
FBL	3469580		RW	CY	06/13/2016 23:44	061316M537a.mdb
FBM	3469581		RW	CY	06/14/2016 00:15	061316M537a.mdb
FS	3463547	WW007-0616	DW	CY	06/14/2016 04:21	061316M537a.mdb
FS	3463549	WW011-0616	DW	CY	06/14/2016 04:52	061316M537a.mdb
FD	3469578	WW011-0616	DW	CY	06/14/2016 05:22	061316M537a.mdb
FTB	3463548	WW007-0616/FTB	RW	CY	06/14/2016 07:58	061316M537a.mdb
FTB	3463550	WW011-0616/FTB	RW	CY	06/14/2016 08:29	061316M537a.mdb
CCM	3469585		OS	CY	06/14/2016 10:32	061316M537a.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	---		9566.10	9566.1	ng/L	100	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	IS-PFOS-13C4	537	N/A	---		6489.64	6489.64	ng/L	100	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	SS-PFDA-13C2	537	N/A	---		98.8500	100	ng/L	99	70 - 130	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	SS-PFHxA-13C2	537	N/A	---		49.6929	50.0	ng/L	99	70 - 130	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		9.0939	9.0	ng/L	101	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	Perfluoroheptanoic acid (PFHpA)	537	1.0	---		0.9852	1.0	ng/L	99	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	---		2.7139	3.0	ng/L	90	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	Perfluorononanoic acid (PFNA)	537	2.0	---		1.8611	2.0	ng/L	93	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	Perfluorooctane sulfonate (PFOS)	537	4.0	---		3.6931	4.0	ng/L	92	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	---		1.9016	2.0	ng/L	95	50 - 150	---	---	1.0	06/09/2016 10:36	06/13/2016 22:12	3469584
LRB	IS-PFOA-13C2	537	N/A	---		10187.10	9566.1	ng/L	106	50 - 150	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	IS-PFOS-13C4	537	N/A	---		7065.88	6489.64	ng/L	109	50 - 150	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	SS-PFDA-13C2	537	N/A	---		96.7936	100	ng/L	98	70 - 130	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	SS-PFHxA-13C2	537	N/A	---		49.3673	50.0	ng/L	100	70 - 130	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---	<	9.0		ng/L	---	---	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	Perfluoroheptanoic acid (PFHpA)	537	1.0	---	<	1.0		ng/L	---	---	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	---	<	3.0		ng/L	---	---	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	Perfluorononanoic acid (PFNA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	Perfluorooctane sulfonate (PFOS)	537	4.0	---	<	4.0		ng/L	---	---	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.99	06/13/2016 07:29	06/13/2016 23:13	3469579
FBL	IS-PFOA-13C2	537	N/A	---		9868.31	9566.1	ng/L	103	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	IS-PFOS-13C4	537	N/A	---		6842.60	6489.64	ng/L	105	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	SS-PFDA-13C2	537	N/A	---		97.4555	100	ng/L	97	70 - 130	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	SS-PFHxA-13C2	537	N/A	---		49.8676	50.0	ng/L	100	70 - 130	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		8.3654	9.0	ng/L	93	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	Perfluoroheptanoic acid (PFHpA)	537	1.0	---		0.7970	1.0	ng/L	80	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	---		2.4479	3.0	ng/L	82	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	Perfluorononanoic acid (PFNA)	537	2.0	---		1.8110	2.0	ng/L	91	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	Perfluorooctane sulfonate (PFOS)	537	4.0	---		3.4043	4.0	ng/L	85	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBL	Perfluorooctanoic acid (PFOA)	537	2.0	---		1.7845	2.0	ng/L	89	50 - 150	---	---	1.0	06/13/2016 07:29	06/13/2016 23:44	3469580
FBM	IS-PFOA-13C2	537	N/A	---		10290.20	9566.1	ng/L	108	50 - 150	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	IS-PFOS-13C4	537	N/A	---		6860.94	6489.64	ng/L	106	50 - 150	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	SS-PFDA-13C2	537	N/A	---		92.3820	100	ng/L	92	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	SS-PFHxA-13C2	537	N/A	---		47.1521	50.0	ng/L	94	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		638.9470	675	ng/L	95	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	Perfluoroheptanoic acid (PFHpA)	537	1.0	---		68.0589	75.0	ng/L	91	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	---		209.2560	225	ng/L	93	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	Perfluorononanoic acid (PFNA)	537	2.0	---		138.7810	150	ng/L	93	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	Perfluorooctane sulfonate (PFOS)	537	4.0	---		275.5740	300	ng/L	92	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581
FBM	Perfluorooctanoic acid (PFOA)	537	2.0	---		140.5860	150	ng/L	94	70 - 130	---	---	1.0	06/13/2016 07:29	06/14/2016 00:15	3469581

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	WW007-0616		10369.80	9566.1	ng/L	108	50 - 150	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	IS-PFOS-13C4	537	N/A	WW007-0616		6785.91	6489.64	ng/L	105	50 - 150	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	SS-PFDA-13C2	537	N/A	WW007-0616		88.2257	100	ng/L	92	70 - 130	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	SS-PFHxA-13C2	537	N/A	WW007-0616		45.0856	50.0	ng/L	94	70 - 130	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	Perfluorobutanesulfonic acid (PFBS)	537	9.0	WW007-0616	<	9.0		ng/L	---	---	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	Perfluoroheptanoic acid (PFHpA)	537	1.0	WW007-0616		36		ng/L	---	---	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	WW007-0616		150		ng/L	---	---	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	Perfluorononanoic acid (PFNA)	537	2.0	WW007-0616	<	2.0		ng/L	---	---	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	Perfluorooctane sulfonate (PFOS)	537	4.0	WW007-0616		11		ng/L	---	---	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	Perfluorooctanoic acid (PFOA)	537	2.0	WW007-0616		90		ng/L	---	---	---	---	0.96	06/13/2016 07:29	06/14/2016 04:21	3463547
FS	IS-PFOA-13C2	537	N/A	WW011-0616		10048.40	9566.1	ng/L	105	50 - 150	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	IS-PFOS-13C4	537	N/A	WW011-0616		6790.72	6489.64	ng/L	105	50 - 150	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	SS-PFDA-13C2	537	N/A	WW011-0616		87.9710	100	ng/L	94	70 - 130	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	SS-PFHxA-13C2	537	N/A	WW011-0616		46.3515	50.0	ng/L	99	70 - 130	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	Perfluorobutanesulfonic acid (PFBS)	537	9.0	WW011-0616		10		ng/L	---	---	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	Perfluoroheptanoic acid (PFHpA)	537	1.0	WW011-0616		11		ng/L	---	---	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	WW011-0616		21		ng/L	---	---	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	Perfluorononanoic acid (PFNA)	537	2.0	WW011-0616	<	2.0		ng/L	---	---	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	Perfluorooctane sulfonate (PFOS)	537	4.0	WW011-0616	<	4.0		ng/L	---	---	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FS	Perfluorooctanoic acid (PFOA)	537	2.0	WW011-0616		4.9		ng/L	---	---	---	---	0.94	06/13/2016 07:29	06/14/2016 04:52	3463549
FD	IS-PFOA-13C2	537	N/A	WW011-0616		10159.10	9566.1	ng/L	106	50 - 150	---	---	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	IS-PFOS-13C4	537	N/A	WW011-0616		6931.31	6489.64	ng/L	107	50 - 150	---	---	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	SS-PFDA-13C2	537	N/A	WW011-0616		86.1867	100	ng/L	93	70 - 130	---	---	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	SS-PFHxA-13C2	537	N/A	WW011-0616		46.3190	50.0	ng/L	100	70 - 130	---	---	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	Perfluorobutanesulfonic acid (PFBS)	537	9.0	WW011-0616		10.3		ng/L	---	---	1.0	30	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	Perfluoroheptanoic acid (PFHpA)	537	1.0	WW011-0616		10.9		ng/L	---	---	1.6	30	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	WW011-0616		21.2		ng/L	---	---	0.2	30	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	Perfluorononanoic acid (PFNA)	537	2.0	WW011-0616	<	2.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	Perfluorooctane sulfonate (PFOS)	537	4.0	WW011-0616	<	4.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FD	Perfluorooctanoic acid (PFOA)	537	2.0	WW011-0616		4.98		ng/L	---	---	0.9	30	0.93	06/13/2016 07:29	06/14/2016 05:22	3469578
FTB	IS-PFOA-13C2	537	N/A	WW007-0616/FTB		9921.92	9566.1	ng/L	104	50 - 150	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	IS-PFOS-13C4	537	N/A	WW007-0616/FTB		6845.90	6489.64	ng/L	105	50 - 150	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	SS-PFDA-13C2	537	N/A	WW007-0616/FTB		94.6512	100	ng/L	102	70 - 130	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	SS-PFHxA-13C2	537	N/A	WW007-0616/FTB		46.1325	50.0	ng/L	99	70 - 130	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	Perfluorobutanesulfonic acid (PFBS)	537	9.0	WW007-0616/FTB	<	9.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	Perfluoroheptanoic acid (PFHpA)	537	1.0	WW007-0616/FTB	<	1.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	WW007-0616/FTB	<	3.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	Perfluorononanoic acid (PFNA)	537	2.0	WW007-0616/FTB	<	2.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	Perfluorooctane sulfonate (PFOS)	537	4.0	WW007-0616/FTB	<	4.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	Perfluorooctanoic acid (PFOA)	537	2.0	WW007-0616/FTB	<	2.0		ng/L	---	---	---	---	0.93	06/13/2016 07:29	06/14/2016 07:58	3463548
FTB	IS-PFOA-13C2	537	N/A	WW011-0616/FTB		9525.90	9566.1	ng/L	100	50 - 150	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550

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 #
FTB	IS-PFOS-13C4	537	N/A	WW011-0616/FTB		6564.32	6489.64	ng/L	101	50 - 150	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	SS-PFDA-13C2	537	N/A	WW011-0616/FTB		89.2607	100	ng/L	99	70 - 130	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	SS-PFHxA-13C2	537	N/A	WW011-0616/FTB		45.1436	50.0	ng/L	100	70 - 130	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	Perfluorobutanesulfonic acid (PFBS)	537	9.0	WW011-0616/FTB	<	9.0		ng/L	---	---	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	Perfluoroheptanoic acid (PFHpA)	537	1.0	WW011-0616/FTB	<	1.0		ng/L	---	---	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	WW011-0616/FTB	<	3.0		ng/L	---	---	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	Perfluorononanoic acid (PFNA)	537	2.0	WW011-0616/FTB	<	2.0		ng/L	---	---	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	Perfluorooctane sulfonate (PFOS)	537	4.0	WW011-0616/FTB	<	4.0		ng/L	---	---	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
FTB	Perfluorooctanoic acid (PFOA)	537	2.0	WW011-0616/FTB	<	2.0		ng/L	---	---	---	---	0.9	06/13/2016 07:29	06/14/2016 08:29	3463550
CCM	IS-PFOA-13C2	537	N/A	---		9554.19	9554.19	ng/L	100	50 - 150	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	IS-PFOS-13C4	537	N/A	---		6595.41	6595.41	ng/L	100	50 - 150	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	SS-PFDA-13C2	537	N/A	---		98.4403	100	ng/L	98	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	SS-PFHxA-13C2	537	N/A	---		50.9998	50.0	ng/L	102	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	Perfluorobutanesulfonic acid (PFBS)	537	9.0	---		704.4430	675	ng/L	104	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	Perfluoroheptanoic acid (PFHpA)	537	1.0	---		74.5242	75.0	ng/L	99	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	3.0	---		226.4770	225	ng/L	101	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	Perfluorononanoic acid (PFNA)	537	2.0	---		150.5510	150	ng/L	100	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	Perfluorooctane sulfonate (PFOS)	537	4.0	---		298.8770	300	ng/L	100	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		150.3020	150	ng/L	100	70 - 130	---	---	1.0	06/09/2016 10:36	06/14/2016 10:32	3469585

Sample Type Key

Type (Abbr.)	Sample Type	Type (Abbr.)	Sample Type
CCL	Continuing Calibration Low		
CCM	Continuing Calibration Mid		
FD	Field Duplicate		
FS	Field Sample		
FTB	Field Trip Blank		
FBL	Fortified Blank Low		
FBM	Fortified Blank Mid		
LRB	Laboratory Reagent Blank		

END OF REPORT

EA16-0802

eurofins | Eaton Analytical

110 S. Hill Street
South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

Order # 298055

Batch # _____

www.eurofinsus.com/eaton

Shaded area for EEA use only

CHAIN OF CUSTODY RECORD

Page 1 of 1

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Scott.forbes@usace.army.mil	Scott		NY	Ft. Drum Wellfield Evaluation Wells 7&11	

BILL TO:	COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	SOURCE WATER
Scott.e.forbes@usace.army.mil					Well

LAB Number	COLLECTION DATE	COLLECTION TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1	2-Jan-16	947	X		WW007-0616	PFCs method 537			✓	1	GW	SU
2	2-Jan-16	1637	X		WW011-0616	PFCs method 537			✓	1	GW	SU
3	2-Jan-16	1637	X		WW011-0616 Field Blank	PFCs method 537			✓	1		SU
4	2-Jan-16	947	X		WW007-0616 Field Blank	PFCs Method 537			✓	1		SU
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
	2-Jan-16	1145 AM PM		02/2/16	1145 AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
		AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM			AM PM

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

LAB COMMENTS

CONDITIONS UPON RECEIPT (check one):

___ Iced: Wet/Blue ___ Ambient_____ °C Upon Receipt____ N/A

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%	IV* = Immediate Verbal: (3 working days)	100%
RV* = Rush Verbal: (5 working days)	50%	IW* =Immediate Written: (3 working days)	125%
RW* = Rush Written: (5 working days)	75%	SP* = Weekend, Holiday	CALL
		STAT* = Less than 48 hours	CALL

* Please call, expedited service not available for all testing

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

eurofins | Eaton Analytical

110 S. Hill Street
South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

Order # 298055

Batch # _____

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

Page _____ of _____

Shaded area for EEA use only

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Converse Labs	S.F.		NY	Ft Drum Wellfield Eval. Well 17+11	

BILL TO:	COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	SOURCE WATER
Converse Labs					Well

LAB Number	COLLECTION DATE	COLLECTION TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1	6/2/16	0947	X		WW007 - 06016	PFC's method 537			✓	1	G	SW
2	6/2/16	1037	X		WW011 - 06016	PFC's method 537			✓	1	G	SW
3	6/2/16	1037	X		WW011 - 06016	PFC's method 537			✓	1	G	SW
4	6/2/16	0947	X		WW007 - 06016	PFC's method 537			✓	1	G	SW
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
KMR13330	6/2/16	1515 AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
		AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM			AM PM

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

LAB COMMENTS

CONDITIONS UPON RECEIPT (check one):

____ Iced: Wet/Blue ____ Ambient _____ °C Upon Receipt____ N/A

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%	IV* = Immediate Verbal: (3 working days)	100%
RV* = Rush Verbal: (5 working days)	50%	IW* =Immediate Written: (3 working days)	125%
RW* = Rush Written: (5 working days)	75%	SP* = Weekend, Holiday	CALL
		STAT* = Less than 48 hours	CALL

* Please call, expedited service not available for all testing

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.