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	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN035	New Jersey*	IN598
Colorado Radiochemistry	IN035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074-001
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	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*	LA180008	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
EPA	IN00035		

*NELAP/TNI Recognized Accreditation Bodies

Revision date: 01/02/2018

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: Cary/Apex WTP

Attn: Rachel Monschein
1400 Wimberly Road
Apex, NC 27523

Report: 405461
Priority: Standard Written
Status: Final
PWS ID: NC0392020

Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3843155	Raw Water Intake(Wet Well)	537	12/21/17 09:20	Client	12/22/17 10:30
3843156	Filter Effluent	537	12/21/17 08:10	Client	12/22/17 10:30
3843157	Biofiltration Filter #1	537	12/21/17 09:23	Client	12/22/17 10:30
3843158	Biofiltration Filter #2	537	12/21/17 09:21	Client	12/22/17 10:30
3843159	Biofiltration Filter #3	537	12/21/17 09:19	Client	12/22/17 10:30
3843160	Biofiltration Filter #4	537	12/21/17 09:25	Client	12/22/17 10:30
3843161	Biofiltration Filter #5	537	12/21/17 09:26	Client	12/22/17 10:30

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 Joseph Mattheis at (574) 233-4777.

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

Authorized Signature | Title: Account Manager | 01/03/2018 Date

Client Name: Cary/Apex WTP
Report #: 405461

Client Name: Cary/Apex WTP Report #: 405461

Sampling Point: Raw Water Intake(Wet Well) PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFC	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	**4.7**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	**3.1**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	**28**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	**3.7**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	**44**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	**3.8**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	**12**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	**17**	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
13252-13-6	GenX	537	---	5	< 5	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:25	3843155

Sampling Point: Filter Effluent PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFC	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	**3.3**	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	**16**	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	**30**	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	**3.1**	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	**8.5**	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
13252-13-6	GenX	537	---	5	< 5	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:42	3843156

Client Name: Cary/Apex WTP Report #: 405461

Sampling Point: Biofiltration Filter #1 PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFC	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	**3.4**	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	**16**	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	**29**	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	**2.6**	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	**8.4**	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
13252-13-6	GenX	537	---	5	< 5	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	12/28/17 08:11	12/29/17 02:59	3843157

Sampling Point: Biofiltration Filter #2 PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFC	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	**3.5**	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	**17**	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	**31**	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	**2.7**	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	**9.0**	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
13252-13-6	GenX	537	---	5	< 5	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:21	3843158

Client Name: Cary/Apex WTP Report #: 405461

Sampling Point: Biofiltration Filter #3 PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFC	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	**3.0**	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	**14**	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	**28**	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	**6.9**	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
13252-13-6	GenX	537	---	5	< 5	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 21:55	3843159

Sampling Point: Biofiltration Filter #4 PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFC	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	**2.3**	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	**10**	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	**23**	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	**4.3**	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
13252-13-6	GenX	537	---	5	< 5	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:12	3843160

Client Name: Cary/Apex WTP Report #: 405461

Sampling Point: Biofiltration Filter #5 PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFC	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	**3.5**	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	**17**	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	**30**	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	**2.9**	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	**8.8**	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
13252-13-6	GenX	537	---	5	< 5	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	12/29/17 07:50	12/29/17 22:29	3843161

† 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.

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F: 1.574.233.8207

Order # 331360
Batch # 405461

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CHAIN OF CUSTODY RECORD

Shaded area for EEA use only

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Rachel Moorschein 1400 Wimberly Rd Apex, NC 27523	Eun Rhee	NC0392020	NC	PFAS's	
BILL TO:	**COMPLIANCE MONITORING** Yes:	No: ✓	POPULATION SERVED	SOURCE WATER	
Town of Cary Finance A.P. P.O Box 8005 Cary, NC 27512-8005			>100,000	Jordan Lake	

	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	3843155	12-21-17	9:20	X		Raw Water Intake (Jet Well)	PFAS's	CI-A ss 122217		X	2	DW	SW
2	156		8:10	X		Filter Effluent			X		2	DW	SW
3	157		9:24	X		Biofiltration Filter #1	1 bottle shows time of 0923	ss 122217	X		2	DW	SW
4	158		9:22	X		Biofiltration Filter #2	0921			X	2	DW	SW
5	159		9:19	X		Biofiltration Filter #3	0920		X		2	DW	SW
6	160		9:25	X		Biofiltration Filter #4	0926			X	2	DW	SW
7	161		9:27	X		Biofiltration Filter #5	0926			X	2	DW	SW
8													
9													
10													
11													
12													
13													
14													

40 ppm PAC @ plant

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
Eun Rhee	12/21/17	9:45 AM PM		12/21/17	1220 AM PM
	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
	12/21/17	1:15 AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM		12-22-17	1030 AM PM

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

LAB COMMENTS

Will use earliest time given

CONDITIONS UPON RECEIPT (check one):

X Iced Wet/Blue ___ Ambient 2.4 °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
Run Log

Run ID: **238134** Method: **537**

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3844552		OS	FL	12/28/2017 19:43	122817M537a-FL-PFC-Ext.mdb
LRB	3844543		RW	FL	12/28/2017 20:16	122817M537a-FL-PFC-Ext.mdb
FBL	3844544		RW	FL	12/28/2017 20:33	122817M537a-FL-PFC-Ext.mdb
CCM	3844553		OS	FL	12/29/2017 00:28	122817M537a-FL-PFC-Ext.mdb
FS	3843155	Raw Water Intake(Wet Well)	DW	FL	12/29/2017 02:25	122817M537a-FL-PFC-Ext.mdb
FS	3843156	Filter Effluent	DW	FL	12/29/2017 02:42	122817M537a-FL-PFC-Ext.mdb
FS	3843157	Biofiltration Filter #1	DW	FL	12/29/2017 02:59	122817M537a-FL-PFC-Ext.mdb
CCH	3844554		OS	FL	12/29/2017 03:16	122817M537a-FL-PFC-Ext.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-NMeFOSAA-d3	537	N/A	---		523324.00	523324	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	IS-PFOA-13C2	537	N/A	---		1237790.00	1237790	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	IS-PFOS-13C4	537	N/A	---		244578.00	244578	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	IS-GenX-13C3	537	N/A	---		6145.44	6145.44	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	SS-NEtFOSAA-d5	537	N/A	---		202.7850	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	SS-PFDA-13C2	537	N/A	---		101.1890	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	SS-PFHxA-13C2	537	N/A	---		50.5410	50.0	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		2.2580	2.0	ng/L	113	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		2.1860	2.0	ng/L	109	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		1.8997	2.0	ng/L	95	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorodecanoic acid (PFDA)	537	2.0	---		2.1148	2.0	ng/L	106	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		1.9616	2.0	ng/L	98	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.8792	2.0	ng/L	94	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorohexanoic acid (PFHxA)	537	2.0	---		2.0257	2.0	ng/L	101	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorolauric acid (PFDoA)	537	2.0	---		2.2173	2.0	ng/L	111	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluoromyristic acid (PFTA)	537	2.0	---		2.1505	2.0	ng/L	108	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorononanoic acid (PFNA)	537	2.0	---		2.0666	2.0	ng/L	103	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorooctane sulfonate (PFOS)	537	2.0	---		2.0575	2.0	ng/L	103	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	---		2.0299	2.0	ng/L	101	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		2.1729	2.0	ng/L	109	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
CCL	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		2.1095	2.0	ng/L	105	50 - 150	---	---	1.0	12/28/2017 14:38	12/28/2017 19:43	3844552
LRB	IS-NMeFOSAA-d3	537	N/A	---		514236.00	523324	ng/L	98	50 - 150	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	IS-PFOA-13C2	537	N/A	---		1230100.00	1237790	ng/L	99	50 - 150	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	IS-PFOS-13C4	537	N/A	---		239875.00	244578	ng/L	98	50 - 150	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	IS-GenX-13C3	537	N/A	---		6020.16	6145.44	ng/L	98	50 - 150	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	SS-NEtFOSAA-d5	537	N/A	---		161.4540	200	ng/L	88	70 - 130	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	SS-PFDA-13C2	537	N/A	---		91.6156	100	ng/L	100	70 - 130	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	SS-PFHxA-13C2	537	N/A	---		43.8951	50.0	ng/L	95	70 - 130	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorodecanoic acid (PFDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluoroheptanoic acid (PFHpA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorohexanoic acid (PFHxA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorolauric acid (PFDoA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluoromyristic acid (PFTA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorononanoic acid (PFNA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorooctane sulfonate (PFOS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543

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 #
LRB	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
LRB	Perfluoroundecanoic acid (PFUnA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/28/2017 08:11	12/28/2017 20:16	3844543
FBL	IS-NMeFOSAA-d3	537	N/A	---		500213.00	523324	ng/L	96	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	IS-PFOA-13C2	537	N/A	---		1217480.00	1237790	ng/L	98	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	IS-PFOS-13C4	537	N/A	---		238648.00	244578	ng/L	98	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	IS-GenX-13C3	537	N/A	---		5840.84	6145.44	ng/L	95	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	SS-NEtFOSAA-d5	537	N/A	---		175.9050	200	ng/L	88	70 - 130	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	SS-PFDA-13C2	537	N/A	---		99.6697	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	SS-PFHxA-13C2	537	N/A	---		46.6837	50.0	ng/L	93	70 - 130	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	ıyl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		1.6351	2.0	ng/L	82	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		1.6857	2.0	ng/L	84	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		1.8218	2.0	ng/L	91	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorodecanoic acid (PFDA)	537	2.0	---		1.8042	2.0	ng/L	90	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		1.6794	2.0	ng/L	84	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.8080	2.0	ng/L	90	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorohexanoic acid (PFHxA)	537	2.0	---		1.7215	2.0	ng/L	86	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorolauric acid (PFDoA)	537	2.0	---		1.7479	2.0	ng/L	87	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluoromyristic acid (PFTA)	537	2.0	---		1.6576	2.0	ng/L	83	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorononanoic acid (PFNA)	537	2.0	---		1.8260	2.0	ng/L	91	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorooctane sulfonate (PFOS)	537	2.0	---		1.8618	2.0	ng/L	93	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorooctanoic acid (PFOA)	537	2.0	---		1.7991	2.0	ng/L	90	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		1.7085	2.0	ng/L	85	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
FBL	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		1.7689	2.0	ng/L	88	50 - 150	---	---	1.0	12/28/2017 08:11	12/28/2017 20:33	3844544
CCM	IS-NMeFOSAA-d3	537	N/A	---		512858.00	512858	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	IS-PFOA-13C2	537	N/A	---		1253020.00	1253020	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	IS-PFOS-13C4	537	N/A	---		244848.00	244848	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	IS-GenX-13C3	537	N/A	---		6206.20	6206.2	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	SS-NEtFOSAA-d5	537	N/A	---		205.2960	200	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	SS-PFDA-13C2	537	N/A	---		98.2142	100	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	SS-PFHxA-13C2	537	N/A	---		51.5168	50.0	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	ıyl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		100.4790	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		100.6200	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		100.7300	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorodecanoic acid (PFDA)	537	2.0	---		96.2255	100	ng/L	96	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		99.7048	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		100.2540	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorohexanoic acid (PFHxA)	537	2.0	---		99.8386	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorolauric acid (PFDoA)	537	2.0	---		97.8093	100	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluoromyristic acid (PFTA)	537	2.0	---		96.3387	100	ng/L	96	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorononanoic acid (PFNA)	537	2.0	---		99.7064	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		99.1501	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553

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 #
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		99.3762	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		97.2794	100	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
CCM	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		97.3066	100	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 00:28	3844553
FS	IS-NMeFOSAA-d3	537	N/A	Raw Water Intake(Wet Well)		531442.00	512858	ng/L	104	50 - 150	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	IS-PFOA-13C2	537	N/A	Raw Water Intake(Wet Well)		1364640.00	1253020	ng/L	109	50 - 150	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	IS-PFOS-13C4	537	N/A	Raw Water Intake(Wet Well)		265776.00	244848	ng/L	109	50 - 150	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	IS-GenX-13C3	537	N/A	Raw Water Intake(Wet Well)		6924.46	6206.2	ng/L	112	50 - 150	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	SS-NEtFOSAA-d5	537	N/A	Raw Water Intake(Wet Well)		167.2140	200	ng/L	95	70 - 130	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	SS-PFDA-13C2	537	N/A	Raw Water Intake(Wet Well)		79.7655	100	ng/L	91	70 - 130	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	SS-PFHxA-13C2	537	N/A	Raw Water Intake(Wet Well)		48.9530	50.0	ng/L	111	70 - 130	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Raw Water Intake(Wet Well)		4.7		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Raw Water Intake(Wet Well)		3.1		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Raw Water Intake(Wet Well)		28		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Raw Water Intake(Wet Well)		3.7		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Raw Water Intake(Wet Well)		44		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorolauric acid (PFDoA)	537	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluoromyristic acid (PFTA)	537	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorononanoic acid (PFNA)	537	2.0	Raw Water Intake(Wet Well)		3.8		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Raw Water Intake(Wet Well)		12		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Raw Water Intake(Wet Well)		17		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	12/28/2017 08:11	12/29/2017 02:25	3843155
FS	IS-NMeFOSAA-d3	537	N/A	Filter Effluent		500849.00	512858	ng/L	98	50 - 150	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	IS-PFOA-13C2	537	N/A	Filter Effluent		1239450.00	1253020	ng/L	99	50 - 150	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	IS-PFOS-13C4	537	N/A	Filter Effluent		246305.00	244848	ng/L	101	50 - 150	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	IS-GenX-13C3	537	N/A	Filter Effluent		5831.58	6206.2	ng/L	94	50 - 150	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	SS-NEtFOSAA-d5	537	N/A	Filter Effluent		160.6060	200	ng/L	92	70 - 130	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	SS-PFDA-13C2	537	N/A	Filter Effluent		81.7757	100	ng/L	94	70 - 130	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	SS-PFHxA-13C2	537	N/A	Filter Effluent		48.1681	50.0	ng/L	111	70 - 130	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Filter Effluent		3.3		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Filter Effluent		16		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Filter Effluent		30		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorolauric acid (PFDoA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluoromyristic acid (PFTA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorononanoic acid (PFNA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156

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	Perfluorooctane sulfonate (PFOS)	537	2.0	Filter Effluent		3.1		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Filter Effluent		8.5		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	12/28/2017 08:11	12/29/2017 02:42	3843156
FS	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #1		512269.00	512858	ng/L	100	50 - 150	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #1		1251070.00	1253020	ng/L	100	50 - 150	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #1		243937.00	244848	ng/L	100	50 - 150	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #1		5690.46	6206.2	ng/L	92	50 - 150	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	SS-NEtFOSAA-d5	537	N/A	Biofiltration Filter #1		164.7710	200	ng/L	93	70 - 130	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #1		89.3660	100	ng/L	100	70 - 130	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	SS-PFHxA-13C2	537	N/A	Biofiltration Filter #1		48.5141	50.0	ng/L	109	70 - 130	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	ıyl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #1		3.4		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #1		16		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #1		29		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #1		2.6		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #1		8.4		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	12/28/2017 08:11	12/29/2017 02:59	3843157
CCH	IS-NMeFOSAA-d3	537	N/A	---		512744.00	512744	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	IS-PFOA-13C2	537	N/A	---		1253990.00	1253990	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	IS-PFOS-13C4	537	N/A	---		248181.00	248181	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	IS-GenX-13C3	537	N/A	---		6092.06	6092.06	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	SS-NEtFOSAA-d5	537	N/A	---		199.6600	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	SS-PFDA-13C2	537	N/A	---		94.1238	100	ng/L	94	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	SS-PFHxA-13C2	537	N/A	---		50.3065	50.0	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	ıyl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		201.8260	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		201.2770	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		202.0910	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorodecanoic acid (PFDA)	537	2.0	---		191.2100	200	ng/L	96	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		201.3590	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		202.1230	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorohexanoic acid (PFHxA)	537	2.0	---		202.6980	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorolauric acid (PFDoA)	537	2.0	---		194.0590	200	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluoromyristic acid (PFTA)	537	2.0	---		191.4410	200	ng/L	96	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554

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 #
CCH	Perfluorononanoic acid (PFNA)	537	2.0	---		203.5710	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorooctane sulfonate (PFOS)	537	2.0	---		201.8970	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorooctanoic acid (PFOA)	537	2.0	---		201.8500	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		193.6870	200	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554
CCH	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		194.4220	200	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 03:16	3844554

Eurofins Eaton Analytical
Run Log

Run ID: **238140** Method: **537**

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3845085		OS	FL	12/29/2017 19:24	122917M537a-FL-PFC-Ext.mdb
LRB	3845061		RW	FL	12/29/2017 19:57	122917M537a-FL-PFC-Ext.mdb
RLC	3845405		RW	FL	12/29/2017 20:14	122917M537a-FL-PFC-Ext.mdb
FBM	3845062		RW	FL	12/29/2017 20:31	122917M537a-FL-PFC-Ext.mdb
FS	3843158	Biofiltration Filter #2	DW	FL	12/29/2017 21:21	122917M537a-FL-PFC-Ext.mdb
LFSML	3845068	Biofiltration Filter #2	DW	FL	12/29/2017 21:38	122917M537a-FL-PFC-Ext.mdb
FS	3843159	Biofiltration Filter #3	DW	FL	12/29/2017 21:55	122917M537a-FL-PFC-Ext.mdb
FS	3843160	Biofiltration Filter #4	DW	FL	12/29/2017 22:12	122917M537a-FL-PFC-Ext.mdb
FS	3843161	Biofiltration Filter #5	DW	FL	12/29/2017 22:29	122917M537a-FL-PFC-Ext.mdb
CCM	3845086		OS	FL	12/30/2017 00:59	122917M537a-FL-PFC-Ext.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-NMeFOSAA-d3	537	N/A	---		493882.00	493882	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	IS-PFOA-13C2	537	N/A	---		1214490.00	1214490	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	IS-PFOS-13C4	537	N/A	---		239830.00	239830	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	IS-GenX-13C3	537	N/A	---		6847.40	6847.4	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	SS-NEtFOSAA-d5	537	N/A	---		206.1850	200	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	SS-PFDA-13C2	537	N/A	---		100.3490	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	SS-PFHxA-13C2	537	N/A	---		51.2700	50.0	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		2.3001	2.0	ng/L	115	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		2.2747	2.0	ng/L	114	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		1.9124	2.0	ng/L	96	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorodecanoic acid (PFDA)	537	2.0	---		2.0617	2.0	ng/L	103	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		1.9685	2.0	ng/L	98	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.9285	2.0	ng/L	96	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorohexanoic acid (PFHxA)	537	2.0	---		2.0652	2.0	ng/L	103	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorolauric acid (PFDoA)	537	2.0	---		2.2366	2.0	ng/L	112	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluoromyristic acid (PFTA)	537	2.0	---		2.1771	2.0	ng/L	109	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorononanoic acid (PFNA)	537	2.0	---		2.0387	2.0	ng/L	102	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorooctane sulfonate (PFOS)	537	2.0	---		1.9896	2.0	ng/L	99	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	---		2.0040	2.0	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		2.1420	2.0	ng/L	107	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
CCL	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		2.1349	2.0	ng/L	107	50 - 150	---	---	1.0	12/28/2017 14:38	12/29/2017 19:24	3845085
LRB	IS-NMeFOSAA-d3	537	N/A	---		450235.00	493882	ng/L	91	50 - 150	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	IS-PFOA-13C2	537	N/A	---		1125430.00	1214490	ng/L	93	50 - 150	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	IS-PFOS-13C4	537	N/A	---		217421.00	239830	ng/L	91	50 - 150	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	IS-GenX-13C3	537	N/A	---		5735.49	6847.4	ng/L	84	50 - 150	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	SS-NEtFOSAA-d5	537	N/A	---		149.9020	200	ng/L	85	70 - 130	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	SS-PFDA-13C2	537	N/A	---		79.0693	100	ng/L	90	70 - 130	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	SS-PFHxA-13C2	537	N/A	---		42.0281	50.0	ng/L	96	70 - 130	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorodecanoic acid (PFDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluoroheptanoic acid (PFHpA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorohexanoic acid (PFHxA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorolauric acid (PFDoA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluoromyristic acid (PFTA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorononanoic acid (PFNA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorooctane sulfonate (PFOS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061

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 #
LRB	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
LRB	Perfluoroundecanoic acid (PFUnA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.88	12/29/2017 07:50	12/29/2017 19:57	3845061
RLC	IS-NMeFOSAA-d3	537	N/A	---		439595.00	493882	ng/L	89	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	IS-PFOA-13C2	537	N/A	---		1087460.00	1214490	ng/L	90	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	IS-PFOS-13C4	537	N/A	---		213638.00	239830	ng/L	89	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	IS-GenX-13C3	537	N/A	---		6053.05	6847.4	ng/L	88	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	SS-NEtFOSAA-d5	537	N/A	---		181.1980	200	ng/L	91	70 - 130	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	SS-PFDA-13C2	537	N/A	---		102.2540	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	SS-PFHxA-13C2	537	N/A	---		49.4854	50.0	ng/L	99	70 - 130	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	ıyl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		1.7472	2.0	ng/L	87	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		1.7404	2.0	ng/L	87	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		1.8565	2.0	ng/L	93	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorodecanoic acid (PFDA)	537	2.0	---		1.8637	2.0	ng/L	93	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		1.7814	2.0	ng/L	89	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.7599	2.0	ng/L	88	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorohexanoic acid (PFHxA)	537	2.0	---		1.8191	2.0	ng/L	91	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorolauric acid (PFDoA)	537	2.0	---		1.7471	2.0	ng/L	87	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluoromyristic acid (PFTA)	537	2.0	---		1.6432	2.0	ng/L	82	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorononanoic acid (PFNA)	537	2.0	---		1.8243	2.0	ng/L	91	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorooctane sulfonate (PFOS)	537	2.0	---		1.7864	2.0	ng/L	89	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorooctanoic acid (PFOA)	537	2.0	---		1.8687	2.0	ng/L	93	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		1.7142	2.0	ng/L	86	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
RLC	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		1.7928	2.0	ng/L	90	50 - 150	---	---	1.0	12/28/2017 08:11	12/29/2017 20:14	3845405
FBM	IS-NMeFOSAA-d3	537	N/A	---		484251.00	493882	ng/L	98	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	IS-PFOA-13C2	537	N/A	---		1199240.00	1214490	ng/L	99	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	IS-PFOS-13C4	537	N/A	---		236367.00	239830	ng/L	99	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	IS-GenX-13C3	537	N/A	---		6566.25	6847.4	ng/L	96	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	SS-NEtFOSAA-d5	537	N/A	---		176.9260	200	ng/L	88	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	SS-PFDA-13C2	537	N/A	---		93.4949	100	ng/L	93	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	SS-PFHxA-13C2	537	N/A	---		49.0239	50.0	ng/L	98	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	ıyl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		93.9671	100	ng/L	94	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		96.7039	100	ng/L	97	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		103.6300	100	ng/L	104	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorodecanoic acid (PFDA)	537	2.0	---		98.9499	100	ng/L	99	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		102.9330	100	ng/L	103	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		104.1410	100	ng/L	104	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorohexanoic acid (PFHxA)	537	2.0	---		101.7980	100	ng/L	102	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorolauric acid (PFDoA)	537	2.0	---		95.8554	100	ng/L	96	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluoromyristic acid (PFTA)	537	2.0	---		92.9713	100	ng/L	93	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorononanoic acid (PFNA)	537	2.0	---		101.9600	100	ng/L	102	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		99.5962	100	ng/L	100	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062

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 #
FBM	Perfluorooctanoic acid (PFOA)	537	2.0	---		102.9990	100	ng/L	103	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		94.7637	100	ng/L	95	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FBM	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		98.0625	100	ng/L	98	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 20:31	3845062
FS	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #2		476015.00	493882	ng/L	96	50 - 150	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #2		1176430.00	1214490	ng/L	97	50 - 150	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #2		231421.00	239830	ng/L	96	50 - 150	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #2		6444.83	6847.4	ng/L	94	50 - 150	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	SS-NEtFOSAA-d5	537	N/A	Biofiltration Filter #2		160.3240	200	ng/L	93	70 - 130	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #2		80.2483	100	ng/L	93	70 - 130	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	SS-PFHxA-13C2	537	N/A	Biofiltration Filter #2		43.7591	50.0	ng/L	102	70 - 130	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #2		3.5		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #2		17		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #2		31		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #2		2.7		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #2		9.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.86	12/29/2017 07:50	12/29/2017 21:21	3843158
LFSML	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #2		481686.00	493882	ng/L	98	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	IS-PFOA-13C2	537	N/A	Biofiltration Filter #2		1197340.00	1214490	ng/L	99	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	IS-PFOS-13C4	537	N/A	Biofiltration Filter #2		232689.00	239830	ng/L	97	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	IS-GenX-13C3	537	N/A	Biofiltration Filter #2		6016.21	6847.4	ng/L	88	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	SS-NEtFOSAA-d5	537	N/A	Biofiltration Filter #2		177.9960	200	ng/L	89	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	SS-PFDA-13C2	537	N/A	Biofiltration Filter #2		90.1280	100	ng/L	90	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	SS-PFHxA-13C2	537	N/A	Biofiltration Filter #2		49.7660	50.0	ng/L	100	70 - 130	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Biofiltration Filter #2		1.7928	2.0	ng/L	90	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	hyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Biofiltration Filter #2		1.7073	2.0	ng/L	85	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #2		6.1422	5.47955	ng/L	133	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #2		2.7751	2.0	ng/L	139	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #2		21.9575	19.3229	ng/L	**232**	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #2		3.8202	2.0	ng/L	**191**	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #2		38.2393	33.16	ng/L	**354**	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #2		1.8445	2.0	ng/L	92	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #2		1.8594	2.0	ng/L	93	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #2		3.6967	2.0	ng/L	**185**	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068

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	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #2		5.0302	4.73791	ng/L	115	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #2		12.1435	11.00525	ng/L	**157**	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #2		1.8318	2.0	ng/L	92	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
LFSML	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #2		2.0398	2.0	ng/L	102	50 - 150	---	---	1.0	12/29/2017 07:50	12/29/2017 21:38	3845068
FS	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #3		417606.00	493882	ng/L	85	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #3		1030950.00	1214490	ng/L	85	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #3		200415.00	239830	ng/L	84	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #3		5568.97	6847.4	ng/L	81	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	SS-NEtFOSAA-d5	537	N/A	Biofiltration Filter #3		152.7110	200	ng/L	90	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #3		77.3285	100	ng/L	91	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	SS-PFHxA-13C2	537	N/A	Biofiltration Filter #3		42.5233	50.0	ng/L	100	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #3		3.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #3		14		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #3		28		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #3		6.9		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 21:55	3843159
FS	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #4		460550.00	493882	ng/L	93	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #4		1149960.00	1214490	ng/L	95	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #4		223845.00	239830	ng/L	93	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #4		6203.97	6847.4	ng/L	91	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	SS-NEtFOSAA-d5	537	N/A	Biofiltration Filter #4		152.0990	200	ng/L	89	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #4		77.7053	100	ng/L	91	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	SS-PFHxA-13C2	537	N/A	Biofiltration Filter #4		42.7951	50.0	ng/L	101	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	ıyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #4		2.3		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #4		10		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #4		23		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160

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	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #4		4.3		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:12	3843160
FS	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #5		473420.00	493882	ng/L	96	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #5		1213510.00	1214490	ng/L	100	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #5		233523.00	239830	ng/L	97	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #5		6272.88	6847.4	ng/L	92	50 - 150	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	SS-NEtFOSAA-d5	537	N/A	Biofiltration Filter #5		156.8630	200	ng/L	92	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #5		78.1711	100	ng/L	92	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	SS-PFHxA-13C2	537	N/A	Biofiltration Filter #5		42.1618	50.0	ng/L	99	70 - 130	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	nyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #5		3.5		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #5		17		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #5		30		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #5		2.9		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #5		8.8		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.85	12/29/2017 07:50	12/29/2017 22:29	3843161
CCM	IS-NMeFOSAA-d3	537	N/A	---		496276.00	496276	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	IS-PFOA-13C2	537	N/A	---		1225480.00	1225480	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	IS-PFOS-13C4	537	N/A	---		239370.00	239370	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	IS-GenX-13C3	537	N/A	---		6581.62	6581.62	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	SS-NEtFOSAA-d5	537	N/A	---		207.5900	200	ng/L	104	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	SS-PFDA-13C2	537	N/A	---		98.3949	100	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	SS-PFHxA-13C2	537	N/A	---		52.0914	50.0	ng/L	104	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	yl Perfluorooctanesulfonamidoacetic acid (NEtFO	537	2.0	---		101.3130	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	nyl Perfluorooctanesulfonamidoacetic acid (NMeF	537	2.0	---		99.4775	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		100.4210	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorodecanoic acid (PFDA)	537	2.0	---		96.7822	100	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		100.9210	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		100.4720	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorohexanoic acid (PFHxA)	537	2.0	---		100.9440	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorolauric acid (PFDoA)	537	2.0	---		99.9713	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086

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 #
CCM	Perfluoromyristic acid (PFTA)	537	2.0	---		98.6159	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorononanoic acid (PFNA)	537	2.0	---		100.9670	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		99.0494	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		99.5823	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		98.8803	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086
CCM	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		99.9850	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	12/30/2017 00:59	3845086

Sample Type Key

Type (Abbr.)	Sample Type	Type (Abbr.)	Sample Type
CCH	Continuing Calibration High		
CCL	Continuing Calibration Low		
CCM	Continuing Calibration Mid		
FS	Field Sample		
FBL	Fortified Blank Low		
FBM	Fortified Blank Mid		
LFSML	LFSM Low		
LRB	Laboratory Reagent Blank		
RLC	Reporting Level Check		

END OF REPORT