

## 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.

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## 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
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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

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 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: 406012  
 Priority: Standard Written  
 Status: Final  
 PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3847945	Raw Water Intake (Wet Well)	537	01/04/18 10:05	Client	01/05/18 10:00
3847946	Filter Effluent	537	01/04/18 10:00	Client	01/05/18 10:00
3847947	Biofiltration Filter #1	537	01/04/18 11:00	Client	01/05/18 10:00
3847948	Biofiltration Filter #2	537	01/04/18 11:03	Client	01/05/18 10:00
3847949	Biofiltration Filter #3	537	01/04/18 11:05	Client	01/05/18 10:00
3847950	Biofiltration Filter #4	537	01/04/18 11:06	Client	01/05/18 10:00
3847951	Biofiltration Filter #5	537	01/04/18 11:08	Client	01/05/18 10:00

Report Summary
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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.

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 Account Manager

Authorized Signature

Title

01/17/2018

Date

Client Name: Cary/Apex WTP  
 Report #: 406012

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	01/12/18 08:18	01/12/18 21:21	3847945
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe)	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	4.7	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	2.4	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	23	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	3.3	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	37	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	3.1	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	9.4	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	15	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
13252-13-6	GenX	537	---	5	< 5	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	01/12/18 08:18	01/12/18 21:21	3847945

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	01/08/18 08:14	01/10/18 11:56	3847946
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	2.8	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	14	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	26	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	6.3	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
13252-13-6	GenX	537	---	5	< 5	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/10/18 11:56	3847946

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	01/08/18 08:14	01/09/18 20:30	3847947
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	3.1	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	14	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	27	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	2.2	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	6.4	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
13252-13-6	GenX	537	---	5	< 5	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:30	3847947

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	01/08/18 08:14	01/09/18 20:47	3847948
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	3.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	14	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	27	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	2.2	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	6.6	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
13252-13-6	GenX	537	---	5	< 5	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 20:47	3847948

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	01/08/18 08:14	01/09/18 21:03	3847949
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	<b>2.6</b>	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	<b>11</b>	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	<b>24</b>	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	<b>4.9</b>	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
13252-13-6	GenX	537	---	5	< 5	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:03	3847949

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	01/08/18 08:14	01/09/18 21:20	3847950
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	<b>2.4</b>	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	<b>10</b>	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	<b>23</b>	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	<b>4.1</b>	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
13252-13-6	GenX	537	---	5	< 5	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:20	3847950

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	01/08/18 08:14	01/09/18 21:54	3847951
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid (NMe)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537	---	2.0	3.1	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
335-76-2	Perfluorodecanoic acid (PFDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
375-85-9	Perfluoroheptanoic acid (PFHpA)	537	---	2.0	14	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
307-24-4	Perfluorohexanoic acid (PFHxA)	537	---	2.0	27	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
307-55-1	Perfluorolauric acid (PFDoA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
376-06-7	Perfluoromyristic acid (PFTA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
375-95-1	Perfluorononanoic acid (PFNA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
1763-23-1	Perfluorooctane sulfonate (PFOS)	537	---	2.0	2.4	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
335-67-1	Perfluorooctanoic acid (PFOA)	537	---	2.0	6.5	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
13252-13-6	GenX	537	---	5	< 5	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
958445-44-8	ADONA	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
73606-19-6	F-53B Major	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951
83329-89-9	F-53B Minor	537	---	2.0	< 2.0	ng/L	01/08/18 08:14	01/09/18 21:54	3847951

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

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

## Lab Definitions

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

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

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

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

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

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

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

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

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

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

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





Eaton Analytical

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

Order # 333203  
Batch # 40602

www.EurofinsUS.com/Eaton

Shaded area for EEA use only

### CHAIN OF CUSTODY RECORD

Page 1 of 1

REPORT TO:

Rachel Monschig  
1400 Wimberville Rd  
Apex, NC 27523  
Town of Cary Finance: A.P.  
P.O. Box 8005  
Cary, NC 27512-8005

RECEIVED BY: (Signature)

SAMPLER (Signature)

Yes  No

COMPLIANCE MONITORING

TEST NAME

SAMPLE REMARKS

CHLORINATED

YES NO

# OF CONTAINERS

MATRIX CODE

TURNAROUND TIME

LXB Number	COLLECTION		SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME				AM	PM			
3847945	1-418	10:05	X	Raw Water Intake (Well)	PFAS's	X	X	2	DW	
946		10:00	X	Filter Effluent		X	X			
947		11:00	X	Biofiltration Filter #1		X	X			
948		11:03	X	Biofiltration Filter #2		X	X			
949		11:05	X	Biofiltration Filter #3		X	X			
950		11:07	X	Biofiltration Filter #4		X	X			
951		11:08	X	Biofiltration Filter #5		X	X			

NC0392020 POPULATION SERVED

NC SOURCE WATER

Sorption Lake

PFAS's

1518

BATHS show times of 1100-1101  
1103-1104  
1106-1107

Will use earliest time given

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME	LAB COMMENTS
<i>[Signature]</i>	1-418	11:25	<i>[Signature]</i>	01/04/2018	3:00	
<i>[Signature]</i>		1:00	<i>[Signature]</i>			
<i>[Signature]</i>			<i>[Signature]</i>	1-518	10:00	

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

CONDITIONS UPON RECEIPT (check one):  
 Ice: Wet/Blue  
 Ambient  
 °C Upon Receipt: 0.4 N/A

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

**TURN-AROUND TIME (TAT) - SURCHARGES**  
 SW = Standard Written: (15 working days) 0%  
 RV\* = Rush Verbal: (5 working days) 50%  
 RW\* = Rush Written: (5 working days) 75%

**IV\* = Immediate Verbal: (3 working days) 100%**  
**IW\* = Immediate Written: (3 working days) 125%**  
**SP\* = Weekend, Holiday CALL**  
**STAT\* = Less than 48 hours CALL**

**\* Please call, expedited service not available for all testing**

06-LO-F0435 Issue 6.0 Effective Date: 2016-09-20



### Eurofins Eaton Analytical

#### Run Log

Run ID: 238468 Method: 537

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3848566		OS	FL	01/09/2018 17:09	010918M537a-FL-PFC-Ext.mdb
LRB	3848554		RW	FL	01/09/2018 17:42	010918M537a-FL-PFC-Ext.mdb
LRB	3848947		RW	FL	01/09/2018 17:59	010918M537a-FL-PFC-Ext.mdb
FS	3847947	Biofiltration Filter #1	DW	FL	01/09/2018 20:30	010918M537a-FL-PFC-Ext.mdb
FS	3847948	Biofiltration Filter #2	DW	FL	01/09/2018 20:47	010918M537a-FL-PFC-Ext.mdb
FS	3847949	Biofiltration Filter #3	DW	FL	01/09/2018 21:03	010918M537a-FL-PFC-Ext.mdb
FS	3847950	Biofiltration Filter #4	DW	FL	01/09/2018 21:20	010918M537a-FL-PFC-Ext.mdb
LFSML	3848550	Biofiltration Filter #4	DW	FL	01/09/2018 21:37	010918M537a-FL-PFC-Ext.mdb
FS	3847951	Biofiltration Filter #5	DW	FL	01/09/2018 21:54	010918M537a-FL-PFC-Ext.mdb
FD	3848552	Biofiltration Filter #5	DW	FL	01/09/2018 22:10	010918M537a-FL-PFC-Ext.mdb
CCM	3848569		OS	FL	01/09/2018 22:27	010918M537a-FL-PFC-Ext.mdb
CCH	3848570		OS	FL	01/10/2018 01:32	010918M537a-FL-PFC-Ext.mdb
CCM	3849613		OS	FL	01/10/2018 09:09	010918M537a-FL-PFC-Ext.mdb
FBM	3848948		RW	FL	01/10/2018 10:00	010918M537a-FL-PFC-Ext.mdb
FBL	3848555		RW	FL	01/10/2018 10:32	010918M537a-FL-PFC-Ext.mdb
FS	3847946	Filter Effluent	DW	FL	01/10/2018 11:56	010918M537a-FL-PFC-Ext.mdb
CCH	3849614		OS	FL	01/10/2018 13:03	010918M537a-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-43	537	N/A	---		265699.00	265699	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	IS-PFOA-13C2	537	N/A	---		694104.00	694104	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	IS-PFOS-13C4	537	N/A	---		138994.00	138994	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	IS-GenX-13C3	537	N/A	---		2698.02	2698.02	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	SS-NEIFOSAA-45	537	N/A	---		205.5320	200	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	SS-PFDA-13C2	537	N/A	---		101.7000	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	SS-PFHXA-13C2	537	N/A	---		50.5886	50.0	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	yl Perfluorooctanesulfonamidobacetic acid (NEIFO)	537	2.0	---		2.1739	2.0	ng/L	109	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	yl Perfluorooctanesulfonamidobacetic acid (NMeFI)	537	2.0	---		2.2130	2.0	ng/L	111	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		2.0429	2.0	ng/L	102	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorodecanoic acid (PFDA)	537	2.0	---		2.0976	2.0	ng/L	105	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorheptanoic acid (PFHpA)	537	2.0	---		1.9970	2.0	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.8797	2.0	ng/L	94	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorohexanoic acid (PFHxA)	537	2.0	---		2.0258	2.0	ng/L	101	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorolauric acid (PFDoA)	537	2.0	---		2.3638	2.0	ng/L	118	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluoromyristic acid (PFTrA)	537	2.0	---		2.2889	2.0	ng/L	114	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorononanoic acid (PFNA)	537	2.0	---		2.0533	2.0	ng/L	103	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorooctane sulfonate (PFOS)	537	2.0	---		2.0414	2.0	ng/L	102	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	---		2.0202	2.0	ng/L	101	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		2.2239	2.0	ng/L	111	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		2.1732	2.0	ng/L	109	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	GenX	537	5	---		6.7292	5.0	ng/L	135	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	ADONA	537	2.0	---		1.8764	2.0	ng/L	94	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	F-53B Major	537	2.0	---		2.0970	2.0	ng/L	105	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
CCL	F-53B Minor	537	2.0	---		2.3393	2.0	ng/L	117	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 17:09	3848566
LRB	IS-NMeFOSAA-43	537	N/A	---		245588.00	265699	ng/L	92	50 - 150	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	IS-PFOA-13C2	537	N/A	---		619709.00	694104	ng/L	89	50 - 150	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	IS-PFOS-13C4	537	N/A	---		122492.00	138994	ng/L	88	50 - 150	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	IS-GenX-13C3	537	N/A	---		2446.99	2698.02	ng/L	91	50 - 150	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	SS-NEIFOSAA-45	537	N/A	---		159.4470	200	ng/L	86	70 - 130	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	SS-PFDA-13C2	537	N/A	---		93.8559	100	ng/L	101	70 - 130	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	SS-PFHXA-13C2	537	N/A	---		45.0537	50.0	ng/L	97	70 - 130	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	yl Perfluorooctanesulfonamidobacetic acid (NEIFO)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	yl Perfluorooctanesulfonamidobacetic acid (NMeFI)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorodecanoic acid (PFDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorheptanoic acid (PFHpA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorohexanoic acid (PFHxA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorolauric acid (PFDoA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/08/2018 08:14	01/09/2018 17:42	3848554

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	Perfluoromethylsulfonic acid (PFMS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluoromethanesulfonic acid (PFMS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorooctane sulfonate (PFOS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluorodecanoic acid (PFTDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	Perfluoroundecanoic acid (PFUnA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	GenX	537	5	---	<	5		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	ADONA	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	F-53B Major	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	F-53B Minor	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/09/2018 08:14	01/09/2018 17:42	3848554
LRB	IS-NiMeFOSAA-d3	537	N/A	---		250578.00	265699	ng/L	94	50 - 150	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	IS-PFOA-13C2	537	N/A	---		663995.00	694104	ng/L	96	50 - 150	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	IS-PFOS-13C4	537	N/A	---		129167.00	138994	ng/L	93	50 - 150	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	IS-GenX-13C3	537	N/A	---		2643.04	2698.02	ng/L	98	50 - 150	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	SS-NEIFOSAA-d5	537	N/A	---		160.8070	200	ng/L	92	70 - 130	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	SS-PFDA-13C2	537	N/A	---		81.1075	100	ng/L	93	70 - 130	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	SS-PFHxA-13C2	537	N/A	---		43.4696	50.0	ng/L	100	70 - 130	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorooctanesulfonamideacetic acid (NEtFO)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorooctanesulfonamideacetic acid (NMeFI)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorodecanoic acid (PFDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluoroheptanoic acid (PFHpA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorohexanoic acid (PFHxA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorolauric acid (PFDoA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluoromethylsulfonic acid (PFMS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluoromethanesulfonic acid (PFMS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorooctane sulfonate (PFOS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorooctanoic acid (PFOA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluorodecanoic acid (PFTDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	Perfluoroundecanoic acid (PFUnA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	GenX	537	5	---	<	5		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	ADONA	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	F-53B Major	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
LRB	F-53B Minor	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.87	01/09/2018 07:58	01/09/2018 17:59	3848947
FS	IS-NiMeFOSAA-d3	537	N/A	Biofiltration Filter #1		276076.00	265699	ng/L	104	50 - 150	---	---	0.89	01/08/2018 08:14	01/09/2018 20:30	3847947
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #1		709795.00	694104	ng/L	102	50 - 150	---	---	0.89	01/08/2018 08:14	01/09/2018 20:30	3847947
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #1		140061.00	138994	ng/L	101	50 - 150	---	---	0.89	01/08/2018 08:14	01/09/2018 20:30	3847947
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #1		2816.72	2698.02	ng/L	104	50 - 150	---	---	0.89	01/08/2018 08:14	01/09/2018 20:30	3847947
FS	SS-NEIFOSAA-d5	537	N/A	Biofiltration Filter #1		165.9830	200	ng/L	93	70 - 130	---	---	0.89	01/08/2018 08:14	01/09/2018 20:30	3847947
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #1		93.1657	100	ng/L	105	70 - 130	---	---	0.89	01/08/2018 08:14	01/09/2018 20:30	3847947

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	SS-PFHXA-13C2	537	N/A	Biofiltration Filter #1		48.4598	50.0	ng/L	109	70 - 130	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	yl Perfluorooctanesulfonamideacetic acid (NEFO)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	yl Perfluorooctanesulfonamideacetic acid (NMeF)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #1		3.1		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #1	<	14		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #1	<	27		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #1		2.2		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #1		6.4		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluorodecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	GenX	537	5	Biofiltration Filter #1	<	5		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	ADONA	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	F-53B Major	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	F-53B Minor	537	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 20:30	3847947
FS	IS-NiMeFOSAA-43	537	N/A	Biofiltration Filter #2		275737.00	265699	ng/L	104	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #2		706116.00	694104	ng/L	102	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	IS-PFOA-13C4	537	N/A	Biofiltration Filter #2		137271.00	138894	ng/L	99	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #2		2716.15	2698.02	ng/L	101	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	SS-NEFOSAA-45	537	N/A	Biofiltration Filter #2		160.9170	200	ng/L	91	70 - 130	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #2		90.3621	100	ng/L	103	70 - 130	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	SS-PFHXA-13C2	537	N/A	Biofiltration Filter #2		45.6273	50.0	ng/L	104	70 - 130	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	yl Perfluorooctanesulfonamideacetic acid (NEFO)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	yl Perfluorooctanesulfonamideacetic acid (NMeF)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #2		3.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #2	<	14		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #2	<	27		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #2		2.2		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #2		6.6		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluorodecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	GenX	537	5	Biofiltration Filter #2	<	5		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948

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	ADONA	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	F-53B Major	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	F-53B Minor	537	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 20:47	3847948
FS	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #3		254235.00	265699	ng/L	96	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #3		653204.00	694104	ng/L	94	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #3		130390.00	138994	ng/L	94	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #3		2588.00	2698.02	ng/L	96	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	SS-NEIFOSAA-d5	537	N/A	Biofiltration Filter #3		163.3630	200	ng/L	92	70 - 130	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #3		87.1889	100	ng/L	98	70 - 130	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	SS-PFHXA-13C2	537	N/A	Biofiltration Filter #3		46.5086	50.0	ng/L	105	70 - 130	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	y) Perfluorooctanesulfonamidoacetic acid (NEIFO)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	y) Perfluorooctanesulfonamidoacetic acid (NMeF)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #3	<	2.6		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #3	<	11		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #3	<	24		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorolauric acid (PFDA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluoromyristic acid (PFMA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #3	<	4.9		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluorodecanoic acid (PFTDA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	GenX	537	5	Biofiltration Filter #3	<	5		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	ADONA	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	F-53B Major	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	F-53B Minor	537	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:03	3847949
FS	IS-NMeFOSAA-d3	537	N/A	Biofiltration Filter #4	<	268039.00	265699	ng/L	101	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #4	<	684857.00	694104	ng/L	99	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #4	<	135699.00	138994	ng/L	98	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #4	<	2648.26	2698.02	ng/L	98	50 - 150	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	SS-NEIFOSAA-d5	537	N/A	Biofiltration Filter #4	<	167.2780	200	ng/L	94	70 - 130	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #4	<	89.4426	100	ng/L	100	70 - 130	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	SS-PFHXA-13C2	537	N/A	Biofiltration Filter #4	<	46.5360	50.0	ng/L	105	70 - 130	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	y) Perfluorooctanesulfonamidoacetic acid (NEIFO)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	y) Perfluorooctanesulfonamidoacetic acid (NMeF)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #4	<	2.4		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #4	<	10		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950

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	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #4		23		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #4	<	4.1		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluorotridecanoic acid (PFTDA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	GenX	537	5	Biofiltration Filter #4	<	5		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	ADONA	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	F-53B Major	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
FS	F-53B Minor	537	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/09/2018 08:14	01/09/2018 21:20	3847950
LFSML	IS-NiMeFOSAAA-43	537	N/A	Biofiltration Filter #4		268628.00	265699	ng/L	101	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	IS-PFOA-13C2	537	N/A	Biofiltration Filter #4		684627.00	694104	ng/L	99	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	IS-PFOS-13C4	537	N/A	Biofiltration Filter #4		136646.00	138994	ng/L	98	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	IS-GenX-13C3	537	N/A	Biofiltration Filter #4		2579.54	2698.02	ng/L	96	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	SS-NEIFOSAAA-45	537	N/A	Biofiltration Filter #4		183.7100	200	ng/L	92	70 - 130	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	SS-PFDA-13C2	537	N/A	Biofiltration Filter #4		103.1040	100	ng/L	103	70 - 130	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	SS-PFHxA-13C2	537	N/A	Biofiltration Filter #4		52.8592	50.0	ng/L	106	70 - 130	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	yl) Perfluorooctanesulfonamidoacetic acid (NEiFO)	537	2.0	Biofiltration Filter #4		1.8439	2.0	ng/L	92	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	yl) Perfluorooctanesulfonamidoacetic acid (NiMeFi)	537	2.0	Biofiltration Filter #4		1.8539	2.0	ng/L	93	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #4		4.6995	4.4058	ng/L	115	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #4		2.2677	2.0	ng/L	113	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #4		13.1430	11.99307	ng/L	157	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #4		2.7841	2.0	ng/L	139	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #4		27.2420	24.8028	ng/L	222	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #4		1.8727	2.0	ng/L	94	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #4		1.8405	2.0	ng/L	92	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #4		2.6211	2.0	ng/L	131	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #4		2.6210	2.0	ng/L	131	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #4		6.4058	6.09072	ng/L	116	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluorotridecanoic acid (PFTDA)	537	2.0	Biofiltration Filter #4		1.8117	2.0	ng/L	91	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #4		1.9628	2.0	ng/L	98	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	GenX	537	5	Biofiltration Filter #4		5.6976	5.0	ng/L	114	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	ADONA	537	2.0	Biofiltration Filter #4		1.9001	2.0	ng/L	95	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	F-53B Major	537	2.0	Biofiltration Filter #4		1.9336	2.0	ng/L	97	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
LFSML	F-53B Minor	537	2.0	Biofiltration Filter #4		1.8416	2.0	ng/L	92	50 - 150	---	---	1.0	01/09/2018 08:14	01/09/2018 21:37	3848550
FS	IS-NiMeFOSAAA-43	537	N/A	Biofiltration Filter #5		256423.00	265699	ng/L	97	50 - 150	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	IS-PFOA-13C2	537	N/A	Biofiltration Filter #5		664006.00	694104	ng/L	96	50 - 150	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	IS-PFOS-13C4	537	N/A	Biofiltration Filter #5		131680.00	138994	ng/L	95	50 - 150	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	IS-GenX-13C3	537	N/A	Biofiltration Filter #5		2643.18	2698.02	ng/L	98	50 - 150	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951

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	SS-NEFOSAA-45	537	N/A	Biofiltration Filter #5		168.2960	200	ng/L	93	70 - 130	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	SS-PFDA-13C2	537	N/A	Biofiltration Filter #5		88.9202	100	ng/L	99	70 - 130	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	SS-PFHXA-13C2	537	N/A	Biofiltration Filter #5		48.6238	50.0	ng/L	108	70 - 130	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	yl Perfluorooctanesulfonamideacetic acid (NEFO)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	yl Perfluorooctanesulfonamideacetic acid (NMeFI)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #5	<	3.1		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #5	<	14		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #5	<	27		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #5	<	2.4		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #5	<	6.5		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	GenX	537	5	Biofiltration Filter #5	<	5		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	ADONA	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	F-53B Major	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FS	F-53B Minor	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	01/09/2018 08:14	01/09/2018 21:54	3847951
FD	IS-NMeFOSAA-43	537	N/A	Biofiltration Filter #5		259014.00	265699	ng/L	97	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	IS-PFOA-13C2	537	N/A	Biofiltration Filter #5		654787.00	694104	ng/L	94	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	IS-PFOS-13C4	537	N/A	Biofiltration Filter #5		130560.00	138994	ng/L	94	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	IS-GenX-13C3	537	N/A	Biofiltration Filter #5		2435.28	2698.02	ng/L	90	50 - 150	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	SS-NEFOSAA-45	537	N/A	Biofiltration Filter #5		164.4110	200	ng/L	93	70 - 130	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	SS-PFDA-13C2	537	N/A	Biofiltration Filter #5		91.2670	100	ng/L	104	70 - 130	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	SS-PFHXA-13C2	537	N/A	Biofiltration Filter #5		46.8781	50.0	ng/L	107	70 - 130	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	yl Perfluorooctanesulfonamideacetic acid (NEFO)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	yl Perfluorooctanesulfonamideacetic acid (NMeFI)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Biofiltration Filter #5	<	3.07		ng/L	---	---	0.3	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorodecanoic acid (PFDA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluoroheptanoic acid (PFHpA)	537	2.0	Biofiltration Filter #5	<	13.7		ng/L	---	---	1.0	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorohexanoic acid (PFHxA)	537	2.0	Biofiltration Filter #5	<	26.8		ng/L	---	---	0.2	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorolauric acid (PFDoA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluoromyristic acid (PFTA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorononanoic acid (PFNA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorooctane sulfonate (PFOS)	537	2.0	Biofiltration Filter #5	<	2.42		ng/L	---	---	0.8	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorooctanoic acid (PFOA)	537	2.0	Biofiltration Filter #5	<	6.46		ng/L	---	---	0.5	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552



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 #
FD	Perfluoroundecanoic acid (PFUnA)	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	GenX	537	5	Biofiltration Filter #5	<	5		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	ADONA	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	F-53B Major	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
FD	F-53B Minor	537	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.88	01/09/2018 08:14	01/09/2018 22:10	3848552
CCM	IS-NiMeFOSAA-43	537	N/A	---		283483.00	283483	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	IS-PFOA-13C2	537	N/A	---		726601.00	726601	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	IS-PFOS-13C4	537	N/A	---		145671.00	145671	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	IS-GenX-13C3	537	N/A	---		2726.07	2726.07	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	SS-NEIFOSAA-45	537	N/A	---		204.4700	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	SS-PFDA-13C2	537	N/A	---		102.4340	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	SS-PFHxA-13C2	537	N/A	---		51.5123	50.0	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	y  Perfluorooctanesulfonamidoacetic acid (NEiFO)	537	2.0	---		96.7741	100	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	y  Perfluorooctanesulfonamidoacetic acid (NMeFi)	537	2.0	---		96.7565	100	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		100.2570	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorodecanoic acid (PFDA)	537	2.0	---		101.9370	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		101.0760	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		99.0382	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorohexanoic acid (PFHxA)	537	2.0	---		100.7120	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorolauric acid (PFDA)	537	2.0	---		100.8260	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluoromyristic acid (PFMA)	537	2.0	---		99.1092	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorononanoic acid (PFNA)	537	2.0	---		100.5930	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		99.0402	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		99.0916	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluorotridecanoic acid (PFTDA)	537	2.0	---		99.4199	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		100.3530	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	GenX	537	5	---		252.3290	250	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	ADONA	537	2.0	---		99.7925	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	F-53B Major	537	2.0	---		101.3330	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCM	F-53B Minor	537	2.0	---		102.6510	100	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/09/2018 22:27	3848569
CCH	IS-NiMeFOSAA-43	537	N/A	---		276691.00	276691	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	IS-PFOA-13C2	537	N/A	---		716585.00	716585	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	IS-PFOS-13C4	537	N/A	---		144470.00	144470	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	IS-GenX-13C3	537	N/A	---		2755.87	2755.87	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	SS-NEIFOSAA-45	537	N/A	---		198.3260	200	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	SS-PFDA-13C2	537	N/A	---		98.7372	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	SS-PFHxA-13C2	537	N/A	---		49.9066	50.0	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	y  Perfluorooctanesulfonamidoacetic acid (NEiFO)	537	2.0	---		200.9670	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	y  Perfluorooctanesulfonamidoacetic acid (NMeFi)	537	2.0	---		200.5000	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		199.8850	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorodecanoic acid (PFDA)	537	2.0	---		206.9050	200	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570

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	Perfluorheptanoic acid (PFHpA)	537	2.0	---		204.3800	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorhexanesulfonic acid (PFHxS)	537	2.0	---		201.0030	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorhexanoic acid (PFHxA)	537	2.0	---		202.5740	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorolauric acid (PFDoA)	537	2.0	---		203.2030	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluoromyristic acid (PFTA)	537	2.0	---		196.2070	200	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorononanoic acid (PFNA)	537	2.0	---		205.8180	200	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorooctane sulfonate (PFOS)	537	2.0	---		202.2560	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorooctanoic acid (PFOA)	537	2.0	---		201.9930	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluorotridecanoic acid (PFTriDA)	537	2.0	---		196.2500	200	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		204.6080	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	GenX	537	5	---		498.0160	500	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	ADONA	537	2.0	---		198.1930	200	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	F-53B Major	537	2.0	---		202.3700	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCH	F-53B Minor	537	2.0	---		199.6100	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 01:32	3848570
CCM	IS-NiMeFOSAA-d3	537	N/A	---		288129.00	288129	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	IS-PFOA-13C2	537	N/A	---		756256.00	756256	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	IS-PFOS-13C4	537	N/A	---		150177.00	150177	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	IS-GenX-13C3	537	N/A	---		2716.46	2716.46	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	SS-NEiFOSAA-d5	537	N/A	---		202.8020	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	SS-PFDA-13C2	537	N/A	---		101.6310	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	SS-PFHxA-13C2	537	N/A	---		50.2618	50.0	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	yl)Perfluorooctanesulfonamidooctanoic acid (NEiFO)	537	2.0	---		100.2630	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	yl)Perfluorooctanesulfonamidooctanoic acid (NiMeFi)	537	2.0	---		100.1230	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		95.9664	100	ng/L	96	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorodecanoic acid (PFDA)	537	2.0	---		101.6440	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorheptanoic acid (PFHpA)	537	2.0	---		98.6807	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorhexanesulfonic acid (PFHxS)	537	2.0	---		96.6319	100	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorhexanoic acid (PFHxA)	537	2.0	---		98.5827	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorolauric acid (PFDoA)	537	2.0	---		101.5990	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluoromyristic acid (PFTA)	537	2.0	---		100.5220	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorononanoic acid (PFNA)	537	2.0	---		101.8800	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		99.6926	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		98.9144	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluorotridecanoic acid (PFTriDA)	537	2.0	---		101.7180	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		102.1980	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	GenX	537	5	---		245.6460	250	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	ADONA	537	2.0	---		101.0260	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	F-53B Major	537	2.0	---		103.8870	100	ng/L	104	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
CCM	F-53B Minor	537	2.0	---		107.5360	100	ng/L	108	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 09:09	3849613
FBM	IS-NiMeFOSAA-d3	537	N/A	---		256852.00	288129	ng/L	89	50 - 150	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	IS-PFOA-13C2	537	N/A	---		663161.00	756256	ng/L	88	50 - 150	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948

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	IS-PFOS-13C4	537	N/A	---		1314.1100	150177	ng/L	88	50 - 150	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	IS-GenX-13C3	537	N/A	---		2377.94	2716.46	ng/L	88	50 - 150	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	SS-NEIFOSAA-d5	537	N/A	---		186.8100	200	ng/L	93	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	SS-PFDA-13C2	537	N/A	---		98.6826	100	ng/L	99	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	SS-PFHXA-13C2	537	N/A	---		46.7233	50.0	ng/L	93	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	yl Perfluorooctanesulfonamidoacetic acid (NEFO)	537	2.0	---		96.1212	100	ng/L	96	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	yl Perfluorooctanesulfonamidoacetic acid (NMeF)	537	2.0	---		98.0555	100	ng/L	98	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		98.6772	100	ng/L	99	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorodecanoic acid (PFDA)	537	2.0	---		102.7890	100	ng/L	103	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		98.1973	100	ng/L	98	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		98.6172	100	ng/L	99	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorohexanoic acid (PFHxA)	537	2.0	---		95.8390	100	ng/L	96	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorolauric acid (PFDoA)	537	2.0	---		99.4378	100	ng/L	99	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluoromyristic acid (PFTA)	537	2.0	---		96.8481	100	ng/L	97	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorononanoic acid (PFNA)	537	2.0	---		101.7520	100	ng/L	102	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		100.2290	100	ng/L	100	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorooctanoic acid (PFOA)	537	2.0	---		100.0220	100	ng/L	100	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluorotridecanoic acid (PFTTDA)	537	2.0	---		99.0166	100	ng/L	99	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		101.3200	100	ng/L	101	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	GenX	537	5	---		237.1120	250	ng/L	95	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	ADONA	537	2.0	---		99.6681	100	ng/L	100	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	F-53B Major	537	2.0	---		106.9450	100	ng/L	107	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBM	F-53B Minor	537	2.0	---		105.5720	100	ng/L	106	70 - 130	---	---	1.0	01/09/2018 07:58	01/10/2018 10:00	3848948
FBL	IS-NMeFOSAA-d3	537	N/A	---		217477.00	288129	ng/L	75	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	IS-PFOA-13C2	537	N/A	---		563343.00	756256	ng/L	74	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	IS-PFOS-13C4	537	N/A	---		111713.00	150177	ng/L	74	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	IS-GenX-13C3	537	N/A	---		1970.63	2716.46	ng/L	73	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	SS-NEIFOSAA-d5	537	N/A	---		197.5520	200	ng/L	99	70 - 130	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	SS-PFDA-13C2	537	N/A	---		105.1760	100	ng/L	105	70 - 130	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	SS-PFHXA-13C2	537	N/A	---		51.6298	50.0	ng/L	103	70 - 130	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	yl Perfluorooctanesulfonamidoacetic acid (NEFO)	537	2.0	---		2.0101	2.0	ng/L	101	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	yl Perfluorooctanesulfonamidoacetic acid (NMeF)	537	2.0	---		2.0216	2.0	ng/L	101	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		1.8963	2.0	ng/L	95	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorodecanoic acid (PFDA)	537	2.0	---		2.0531	2.0	ng/L	103	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		1.9128	2.0	ng/L	96	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.8612	2.0	ng/L	93	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorohexanoic acid (PFHxA)	537	2.0	---		1.9560	2.0	ng/L	98	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorolauric acid (PFDoA)	537	2.0	---		1.9560	2.0	ng/L	98	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluoromyristic acid (PFTA)	537	2.0	---		1.8291	2.0	ng/L	91	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorononanoic acid (PFNA)	537	2.0	---		1.9652	2.0	ng/L	98	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorooctane sulfonate (PFOS)	537	2.0	---		1.9822	2.0	ng/L	99	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555

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 #
FBL	Perfluorooctanoic acid (PFOA)	537	2.0	---		1.9707	2.0	ng/L	99	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluorotridecanoic acid (PFTDA)	537	2.0	---		1.9377	2.0	ng/L	97	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		1.9845	2.0	ng/L	99	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	GenX	537	5	---		5.7816	5.0	ng/L	116	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	ADONA	537	2.0	---		2.0078	2.0	ng/L	100	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	F-53B Major	537	2.0	---		2.1622	2.0	ng/L	108	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FBL	F-53B Minor	537	2.0	---		2.1372	2.0	ng/L	107	50 - 150	---	---	1.0	01/08/2018 08:14	01/10/2018 10:32	3848555
FS	IS-NiMeFOSAAA-43	537	N/A	Filter Effluent		284323.00	288129	ng/L	99	50 - 150	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	IS-PFOA-13C2	537	N/A	Filter Effluent		690842.00	756256	ng/L	91	50 - 150	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	IS-PFOS-13C4	537	N/A	Filter Effluent		141366.00	150177	ng/L	94	50 - 150	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	IS-GenX-13C3	537	N/A	Filter Effluent		2498.95	2716.46	ng/L	92	50 - 150	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	SS-NEIFOSAAA-45	537	N/A	Filter Effluent		155.0930	200	ng/L	89	70 - 130	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	SS-PFDA-13C2	537	N/A	Filter Effluent		94.5428	100	ng/L	109	70 - 130	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	SS-PFHXA-13C2	537	N/A	Filter Effluent		45.8826	50.0	ng/L	105	70 - 130	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	y  Perfluorooctanesulfonamidoacetic acid (NEiFO)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	y  Perfluorooctanesulfonamidoacetic acid (NMeFi)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Filter Effluent		2.8		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluoroheptanoic acid (PFHpA)	537	2.0	Filter Effluent	<	14		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Filter Effluent	<	26		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorolauric acid (PFLA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluoromyristic acid (PFMA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorononanoic acid (PFNA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Filter Effluent	<	6.3		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluorotridecanoic acid (PFTDA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	GenX	537	5	Filter Effluent	<	5		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	ADONA	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	F-53B Major	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
FS	F-53B Minor	537	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.87	01/08/2018 08:14	01/10/2018 11:56	3847946
CCH	IS-NiMeFOSAAA-43	537	N/A	---		313338.00	313338	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	IS-PFOA-13C2	537	N/A	---		782314.00	782314	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	IS-PFOS-13C4	537	N/A	---		157347.00	157347	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	IS-GenX-13C3	537	N/A	---		2897.02	2897.02	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	SS-NEIFOSAAA-45	537	N/A	---		197.7690	200	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	SS-PFDA-13C2	537	N/A	---		104.3280	100	ng/L	104	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	SS-PFHXA-13C2	537	N/A	---		49.2905	50.0	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	y  Perfluorooctanesulfonamidoacetic acid (NEiFO)	537	2.0	---		201.2130	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	y  Perfluorooctanesulfonamidoacetic acid (NMeFi)	537	2.0	---		203.8810	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614

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	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		203.5160	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorodecanoic acid (PFDA)	537	2.0	---		219.0520	200	ng/L	110	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		206.7690	200	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		200.8960	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorohexanoic acid (PFHxA)	537	2.0	---		200.8690	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorolauric acid (PFDoA)	537	2.0	---		205.3300	200	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluoromyristic acid (PFTA)	537	2.0	---		200.7720	200	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorononanoic acid (PFNA)	537	2.0	---		208.8720	200	ng/L	104	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorooctane sulfonate (PFOS)	537	2.0	---		204.3920	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorooctanoic acid (PFOA)	537	2.0	---		202.4430	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		201.3950	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		213.3210	200	ng/L	107	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	GenX	537	5	---		494.9460	500	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	ADONA	537	2.0	---		208.1730	200	ng/L	104	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	F-53B Major	537	2.0	---		220.8750	200	ng/L	110	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614
CCH	F-53B Minor	537	2.0	---		213.6150	200	ng/L	107	70 - 130	---	---	1.0	12/28/2017 14:38	01/10/2018 13:03	3849614



### Eurofins Eaton Analytical

#### Run Log

Run ID: 238602 Method: 537

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3851903		OS	FL	01/12/2018 19:41	011218M537a-FL-PFC-Ext.mdb
LRB	3851893		RW	FL	01/12/2018 20:14	011218M537a-FL-PFC-Ext.mdb
RLC	3852287		RW	FL	01/12/2018 20:31	011218M537a-FL-PFC-Ext.mdb
FBH	3851894		RW	FL	01/12/2018 20:48	011218M537a-FL-PFC-Ext.mdb
FS	3847945	Raw Water Intake (Wet Well)	DW	FL	01/12/2018 21:21	011218M537a-FL-PFC-Ext.mdb
CCM	3851904		OS	FL	01/13/2018 00:09	011218M537a-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-43	537	N/A	---		480764.00	480764	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	IS-PFOA-13C2	537	N/A	---		1201550.00	1201550	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	IS-PFOS-13C4	537	N/A	---		232956.00	232956	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	IS-GenX-13C3	537	N/A	---		4801.11	4801.11	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	SS-NEIFOSAA-45	537	N/A	---		201.6630	200	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	SS-PFDA-13C2	537	N/A	---		103.2940	100	ng/L	103	70 - 130	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	SS-PFHxA-13C2	537	N/A	---		50.7516	50.0	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	yl Perfluorooctanesulfonamidobacetic acid (NEIFO)	537	2.0	---		2.1922	2.0	ng/L	110	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	yl Perfluorooctanesulfonamidobacetic acid (NMeFI)	537	2.0	---		2.1950	2.0	ng/L	110	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		2.0114	2.0	ng/L	101	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorodecanoic acid (PFDA)	537	2.0	---		2.1422	2.0	ng/L	107	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorheptanoic acid (PFHpA)	537	2.0	---		1.9819	2.0	ng/L	99	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.9367	2.0	ng/L	97	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorohexanoic acid (PFHxA)	537	2.0	---		2.0581	2.0	ng/L	103	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorolauric acid (PFDoA)	537	2.0	---		2.2535	2.0	ng/L	113	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluoromyristic acid (PFMA)	537	2.0	---		2.2045	2.0	ng/L	110	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorononanoic acid (PFNA)	537	2.0	---		1.9909	2.0	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorooctane sulfonate (PFOS)	537	2.0	---		2.0738	2.0	ng/L	104	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorooctanoic acid (PFOA)	537	2.0	---		2.0061	2.0	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		2.1854	2.0	ng/L	109	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		2.1691	2.0	ng/L	108	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	GenX	537	5	---		4.6959	5.0	ng/L	94	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	ADONA	537	2.0	---		1.9465	2.0	ng/L	97	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	F-53B Major	537	2.0	---		2.0375	2.0	ng/L	102	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
CCL	F-53B Minor	537	2.0	---		2.1970	2.0	ng/L	110	50 - 150	---	---	1.0	12/28/2017 14:38	01/12/2018 19:41	3851903
LRB	IS-NMeFOSAA-43	537	N/A	---		485140.00	480764	ng/L	101	50 - 150	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	IS-PFOA-13C2	537	N/A	---		1220920.00	1201550	ng/L	102	50 - 150	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	IS-PFOS-13C4	537	N/A	---		235561.00	232956	ng/L	101	50 - 150	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	IS-GenX-13C3	537	N/A	---		4912.75	4801.11	ng/L	102	50 - 150	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	SS-NEIFOSAA-45	537	N/A	---		148.0910	200	ng/L	80	70 - 130	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	SS-PFDA-13C2	537	N/A	---		90.2796	100	ng/L	98	70 - 130	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	SS-PFHxA-13C2	537	N/A	---		43.2570	50.0	ng/L	94	70 - 130	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	yl Perfluorooctanesulfonamidobacetic acid (NEIFO)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	yl Perfluorooctanesulfonamidobacetic acid (NMeFI)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorodecanoic acid (PFDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorheptanoic acid (PFHpA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorohexanoic acid (PFHxA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorolauric acid (PFDoA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893

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	Perfluoromethylsulfonic acid (PFMA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorooctanoic acid (PFNA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorooctane sulfonate (PFOS)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorodecanoic acid (PFDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluorododecanoic acid (PFDDA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	Perfluoroundecanoic acid (PFUnA)	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	GenX	537	5	---	<	5		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	ADONA	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	F-53B Major	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
LRB	F-53B Minor	537	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	01/12/2018 08:18	01/12/2018 20:14	3851893
RLC	IS-NiMeFOSAA-d3	537	N/A	---		471919.00	480764	ng/L	98	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	IS-PFOA-13C2	537	N/A	---		1173420.00	1201550	ng/L	98	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	IS-PFOS-13C4	537	N/A	---		229846.00	232956	ng/L	99	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	IS-GenX-13C3	537	N/A	---		4672.11	4801.11	ng/L	97	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	SS-NEIFOSAA-d5	537	N/A	---		192.2770	200	ng/L	96	70 - 130	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	SS-PFDA-13C2	537	N/A	---		104.0630	100	ng/L	104	70 - 130	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	SS-PFHxA-13C2	537	N/A	---		51.7739	50.0	ng/L	104	70 - 130	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	[γ] Perfluorooctanesulfonamidoacetic acid (NEtFO)	537	2.0	---		1.7726	2.0	ng/L	89	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	[γ] Perfluorooctanesulfonamidoacetic acid (NMeFI)	537	2.0	---		1.7589	2.0	ng/L	88	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		1.9223	2.0	ng/L	96	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorodecanoic acid (PFDA)	537	2.0	---		1.9453	2.0	ng/L	97	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		1.8866	2.0	ng/L	94	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		1.8886	2.0	ng/L	94	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorohexanoic acid (PFHxA)	537	2.0	---		1.9855	2.0	ng/L	99	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorolauric acid (PFDoA)	537	2.0	---		1.8660	2.0	ng/L	93	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluoromethylsulfonic acid (PFMA)	537	2.0	---		1.7985	2.0	ng/L	90	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorooctanoic acid (PFNA)	537	2.0	---		1.9089	2.0	ng/L	95	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorooctane sulfonate (PFOS)	537	2.0	---		1.9046	2.0	ng/L	95	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorodecanoic acid (PFDA)	537	2.0	---		1.9920	2.0	ng/L	100	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluorododecanoic acid (PFDDA)	537	2.0	---		1.8242	2.0	ng/L	91	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		1.9977	2.0	ng/L	100	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	GenX	537	5	---		3.8182	5.0	ng/L	76	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	ADONA	537	2.0	---		1.8916	2.0	ng/L	95	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	F-53B Major	537	2.0	---		1.8673	2.0	ng/L	93	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
RLC	F-53B Minor	537	2.0	---		1.8280	2.0	ng/L	91	50 - 150	---	---	1.0	01/08/2018 08:14	01/12/2018 20:31	3852287
FBH	IS-NiMeFOSAA-d3	537	N/A	---		481275.00	480764	ng/L	100	50 - 150	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	IS-PFOA-13C2	537	N/A	---		1239090.00	1201550	ng/L	103	50 - 150	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	IS-PFOS-13C4	537	N/A	---		242680.00	232956	ng/L	104	50 - 150	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	IS-GenX-13C3	537	N/A	---		4987.81	4801.11	ng/L	104	50 - 150	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	SS-NEIFOSAA-d5	537	N/A	---		192.0840	200	ng/L	96	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	SS-PFDA-13C2	537	N/A	---		103.3390	100	ng/L	103	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894



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 #
FBH	SS-PFHXA-13C2	537	N/A	---		49.7019	50.0	ng/L	99	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	γl-Perfluorooctanesulfonamidoacetic acid (NEFO)	537	2.0	---		173.7690	200	ng/L	87	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	γl-Perfluorooctanesulfonamidoacetic acid (NMeF)	537	2.0	---		174.6140	200	ng/L	87	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		184.2040	200	ng/L	92	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorodecanoic acid (PFDA)	537	2.0	---		184.5420	200	ng/L	92	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorohexanoic acid (PFHxA)	537	2.0	---		179.2220	200	ng/L	90	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		189.1060	200	ng/L	95	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorohexanoic acid (PFHxA)	537	2.0	---		176.2250	200	ng/L	88	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorolauric acid (PFDoA)	537	2.0	---		181.3480	200	ng/L	91	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluoromyristic acid (PFTA)	537	2.0	---		177.2910	200	ng/L	89	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorononanoic acid (PFNA)	537	2.0	---		184.1570	200	ng/L	92	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorooctane sulfonate (PFOS)	537	2.0	---		186.0290	200	ng/L	93	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorooctanoic acid (PFOA)	537	2.0	---		183.5090	200	ng/L	92	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluorotridecanoic acid (PFTrDA)	537	2.0	---		182.7010	200	ng/L	91	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		415.5910	500	ng/L	83	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	GenX	537	5	---		171.0200	200	ng/L	86	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	ADONA	537	2.0	---		182.2170	200	ng/L	91	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	F-53B Major	537	2.0	---		177.6850	200	ng/L	89	70 - 130	---	---	1.0	01/12/2018 08:18	01/12/2018 20:48	3851894
FBH	F-53B Minor	537	2.0	---		503275.00	480764	ng/L	105	50 - 150	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	IS-NMeFOSAA-43	537	N/A	Raw Water Intake (Wet Well)		1310280.00	1201550	ng/L	109	50 - 150	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	IS-PFOA-13C2	537	N/A	Raw Water Intake (Wet Well)		2507900.00	232956	ng/L	108	50 - 150	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	IS-PFOS-13C4	537	N/A	Raw Water Intake (Wet Well)		5605.78	4801.11	ng/L	117	50 - 150	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	IS-GenX-13C3	537	N/A	Raw Water Intake (Wet Well)		161.3830	200	ng/L	92	70 - 130	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	SS-NEFOSAA-45	537	N/A	Raw Water Intake (Wet Well)		86.9038	100	ng/L	99	70 - 130	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	SS-PFDA-13C2	537	N/A	Raw Water Intake (Wet Well)		49.1428	50.0	ng/L	112	70 - 130	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	γl-Perfluorooctanesulfonamidoacetic acid (NEFO)	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	γl-Perfluorooctanesulfonamidoacetic acid (NMeF)	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorobutanesulfonic acid (PFBS)	537	2.0	Raw Water Intake (Wet Well)		4.7		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorodecanoic acid (PFDA)	537	2.0	Raw Water Intake (Wet Well)		2.4		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Raw Water Intake (Wet Well)		23		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	Raw Water Intake (Wet Well)		3.3		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorohexanoic acid (PFHxA)	537	2.0	Raw Water Intake (Wet Well)		37		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorolauric acid (PFDoA)	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluoromyristic acid (PFTA)	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorononanoic acid (PFNA)	537	2.0	Raw Water Intake (Wet Well)		3.1		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorooctane sulfonate (PFOS)	537	2.0	Raw Water Intake (Wet Well)		9.4		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorooctanoic acid (PFOA)	537	2.0	Raw Water Intake (Wet Well)		15		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluorotridecanoic acid (PFTrDA)	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	Perfluoroundecanoic acid (PFUnA)	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	GenX	537	5	Raw Water Intake (Wet Well)	<	5		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945

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	ADONA	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	F-53B Major	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
FS	F-53B Minor	537	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.88	01/12/2018 08:18	01/12/2018 21:21	3847945
CCM	IS-NMeFOSAA-43	537	N/A	---		493118.00	493118	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	IS-PFOA-13C2	537	N/A	---		1220700.00	1220700	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	IS-PFOS-13C4	537	N/A	---		242137.00	242137	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	IS-GenX-13C3	537	N/A	---		5218.41	5218.41	ng/L	100	50 - 150	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	SS-NEIFOSAA-45	537	N/A	---		203.0670	200	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	SS-PFDA-13C2	537	N/A	---		105.3390	100	ng/L	105	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	SS-PFHxA-13C2	537	N/A	---		51.0258	50.0	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	y  Perfluorooctanesulfonamidoacetic acid (NEFO)	537	2.0	---		98.0118	100	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	y  Perfluorooctanesulfonamidoacetic acid (NMeF)	537	2.0	---		96.6803	100	ng/L	97	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorobutanesulfonic acid (PFBS)	537	2.0	---		96.3767	100	ng/L	96	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorodecanoic acid (PFDA)	537	2.0	---		102.2300	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluoroheptanoic acid (PFHpA)	537	2.0	---		99.5329	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorohexanesulfonic acid (PFHxS)	537	2.0	---		97.6694	100	ng/L	98	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorohexanoic acid (PFHxA)	537	2.0	---		99.7175	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorolauric acid (PFDoA)	537	2.0	---		102.2510	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluoromyristic acid (PFMA)	537	2.0	---		101.5260	100	ng/L	102	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorononanoic acid (PFNA)	537	2.0	---		100.6770	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorooctane sulfonate (PFOS)	537	2.0	---		99.9317	100	ng/L	100	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorooctanoic acid (PFOA)	537	2.0	---		99.2544	100	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluorotridecanoic acid (PFTDA)	537	2.0	---		100.9900	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	Perfluoroundecanoic acid (PFUnA)	537	2.0	---		101.1940	100	ng/L	101	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	GenX	537	5	---		247.9210	250	ng/L	99	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	ADONA	537	2.0	---		91.3998	100	ng/L	91	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	F-53B Major	537	2.0	---		94.2174	100	ng/L	94	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904
CCM	F-53B Minor	537	2.0	---		93.2375	100	ng/L	93	70 - 130	---	---	1.0	12/28/2017 14:38	01/13/2018 00:09	3851904

## Sample Type Key

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

END OF REPORT