

## 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
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA180008	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: Cary/Apex WTP  
  
 Attn: Rachel Monschein  
 1400 Wimberly Road  
 Apex, NC 27523

Report: 406569  
 Priority: Standard Written  
 Status: Final  
 PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3852137	Raw Water Intake (Wet Well)	L402	01/11/18 10:50	Client	01/12/18 10:15
3852138	Filter Effluent	L402	01/11/18 08:35	Client	01/12/18 10:15
3852139	Biofiltration Filter #1	L402	01/11/18 11:12	Client	01/12/18 10:15
3852140	Biofiltration Filter #2	L402	01/11/18 11:14	Client	01/12/18 10:15
3852141	Biofiltration Filter #3	L402	01/11/18 11:13	Client	01/12/18 10:15
3852142	Biofiltration Filter #4	L402	01/11/18 11:02	Client	01/12/18 10:15
3852143	Biofiltration Filter #5	L402	01/11/18 11:01	Client	01/12/18 10:15

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.

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

 Account Manager

Authorized Signature

Title

01/29/2018

Date

Client Name: Cary/Apex WTP

Report #: 406569

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 #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>5.2</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>21</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	<b>2.7</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>24</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	<b>3.5</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>37</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	<b>3.5</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	<b>11</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>17</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
151772-58-6	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
801212-59-9	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>35</b>	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/22/18 23:55	3852137

Sampling Point: Filter Effluent

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.1</b>	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>17</b>	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>8.6</b>	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>19</b>	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>4.5</b>	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
151772-58-6	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
801212-59-9	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>23</b>	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:21	3852138

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 #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.2</b>	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>17</b>	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>8.4</b>	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>19</b>	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>4.4</b>	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
151772-58-6	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
801212-59-9	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>23</b>	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 00:47	3852139

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 #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.2</b>	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>17</b>	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>8.5</b>	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>19</b>	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>4.3</b>	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
151772-58-6	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
801212-59-9	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>24</b>	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:13	3852140

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 #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.1</b>	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>17</b>	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>8.2</b>	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>19</b>	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>4.0</b>	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
151772-58-6	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
801212-59-9	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>23</b>	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 01:39	3852141



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 #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.1</b>	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>17</b>	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>8.0</b>	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>19</b>	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>3.8</b>	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
151772-58-6	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
801212-59-9	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>23</b>	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:05	3852142

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.3</b>	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>16</b>	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>8.5</b>	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>19</b>	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>4.5</b>	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
151772-58-6	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
801212-59-9	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>23</b>	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	01/22/18 08:00	01/23/18 02:31	3852143

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

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

## Lab Definitions

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

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

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

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

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

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

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

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

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

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

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



Eaton Analytical

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Order # 334359  
Batch # 406869

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### CHAIN OF CUSTODY RECORD

Page 1 of 1

Shaded area for EEA use only

REPORT TO: Rachel Manschein 1400 W. Kimberly Rd Apt. NC 27513		SAMPLER (Signature) <i>Emilio</i>		STATE (sample origin) NC		PROJECT NAME PFA'S		PO#	
BILL TO: Town of Cary Finance A.P. P.O. Box 8005 Cary, NC 27512-8005		COMPLIANCE MONITORING Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		POPULATION SERVED Jordan Lake		SAMPLE REMARKS		# OF CONTAINERS	
LAB Number		COLLECTION		TEST NAME		CHLORINATED		MATRIX CODE	
DATE	TIME	AM	PM	DATE	TIME	AM	PM	YES	NO
1	11:18	X		PFC-L402	0112 2018 KS			X	X
2	8:35	X		Raw Water Intake (Waterwell)	pH acceptable			X	X
3	11:12	X		Filter Effluent	012 2012 KS			X	X
4	11:14	X		biofiltration filter #1				X	X
5	11:13	X		" #2				X	X
6	11:02	X		" #3				X	X
7	11:01	X		" #4				X	X
8				" #5				X	X
9									
10									
11									
12									
13									
14									

RELINQUISHED BY: (Signature) <i>Emilio</i>	DATE 11/18	TIME 2:00	AM	PM	RECEIVED BY: (Signature) <i>Emilio</i>	DATE 01/11/2018	TIME 2:05	AM	PM	LAB COMMENTS
RELINQUISHED BY: (Signature) <i>Emilio</i>	DATE 01/11/18	TIME 3:00	AM	PM	RECEIVED BY: (Signature) <i>Emilio</i>	DATE	TIME	AM	PM	
RELINQUISHED BY: (Signature) <i>Emilio</i>	DATE	TIME	AM	PM	RECEIVED FOR LABORATORY BY: <i>Rhonda Day</i>	DATE 11/2/18	TIME 1015	AM	PM	CONDITIONS UPON RECEIPT (check one): <input checked="" type="checkbox"/> Iced <input type="checkbox"/> Wet/Blue <input type="checkbox"/> Ambient <u>1.0</u> °C Upon Receipt <u>N/A</u>

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

**TURN-AROUND TIME (TAT) - SURCHARGES**  
 SW = Standard Written: (15 working days) 0%  
 RV\* = Rush Verbal: (5 working days) 50%  
 RW\* = Rush Written: (5 working days) 75%  
 \* Please call, expedited service not available for all testing

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

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

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



### Eurofins Eaton Analytical

#### Run Log

Run ID: 238972 Method: L402

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3856265		OS	FL	01/22/2018 22:36	012218L402a-QL.mdb
LRB	3856169		RW	FL	01/22/2018 23:02	012218L402a-QL.mdb
FBL	3856170		RW	FL	01/22/2018 23:28	012218L402a-QL.mdb
FS	3852137	Raw Water Intake (Wet Well)	DW	FL	01/22/2018 23:55	012218L402a-QL.mdb
FS	3852138	Filter Effluent	DW	FL	01/23/2018 00:21	012218L402a-QL.mdb
FS	3852139	Biofiltration Filter #1	DW	FL	01/23/2018 00:47	012218L402a-QL.mdb
FS	3852140	Biofiltration Filter #2	DW	FL	01/23/2018 01:13	012218L402a-QL.mdb
FS	3852141	Biofiltration Filter #3	DW	FL	01/23/2018 01:39	012218L402a-QL.mdb
FS	3852142	Biofiltration Filter #4	DW	FL	01/23/2018 02:05	012218L402a-QL.mdb
FS	3852143	Biofiltration Filter #5	DW	FL	01/23/2018 02:31	012218L402a-QL.mdb
CCM	3856266		OS	FL	01/23/2018 04:15	012218L402a-QL.mdb

# QC Summary Report

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
CCL	IS-4:2-FTS-13C2	L402	N/A	---		495064	580644	ng/L	85	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-6:2-FTS-13C2	L402	N/A	---		55182	59213	ng/L	93	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-8:2-FTS-13C2	L402	N/A	---		279352	309931	ng/L	90	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-GenX-13C3	L402	N/A	---		10075	10406	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-NEFOSAA-d5	L402	N/A	---		363669	369451	ng/L	98	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-NEFOSE-d9	L402	N/A	---		85669	99485	ng/L	86	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-NMeFOSAA-d3	L402	N/A	---		347247	351258	ng/L	99	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-NMeFOSA-d3	L402	N/A	---		486770	584062	ng/L	83	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-NMeFOSE-d7	L402	N/A	---		96298	103641	ng/L	93	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFBA-13C4	L402	N/A	---		4035630	4001641	ng/L	101	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFBS-13C3	L402	N/A	---		905809	926429	ng/L	98	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFDA-13C2	L402	N/A	---		4622130	4818020	ng/L	96	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFDoA-13C2	L402	N/A	---		3489590	3737198	ng/L	93	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFHxA-13C4	L402	N/A	---		5141190	5231151	ng/L	98	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFHXA-13C2	L402	N/A	---		4394690	4678948	ng/L	94	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFOA-13C8	L402	N/A	---		1158980	1198243	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-NEFOSA-d5	L402	N/A	---		405246	538369	ng/L	75	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFHXS-13C3	L402	N/A	---		626285	644040	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFNA-13C9	L402	N/A	---		4737260	4856836	ng/L	98	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFOA-13C2	L402	N/A	---		6198510	6614928	ng/L	94	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFOS-13C4	L402	N/A	---		599189	610924	ng/L	98	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFPeA-13C5	L402	N/A	---		2944380	3051741	ng/L	96	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFTeDA-13C2	L402	N/A	---		996368	1579918	ng/L	63	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	IS-PFUaA-13C7	L402	N/A	---		3591940	3755858	ng/L	96	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		1.9159	2.0	ng/L	96	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		2.1337	2.0	ng/L	107	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		1.8901	2.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.1970	2.0	ng/L	110	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	ADONA	L402	2.0	---		1.7872	2.0	ng/L	89	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	F-53B Major	L402	2.0	---		1.5712	2.0	ng/L	79	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	F-53B Minor	L402	2.0	---		1.8766	2.0	ng/L	94	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	GenX	L402	5.0	---		4.4316	5.0	ng/L	89	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		1.8415	2.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.7570	2.0	ng/L	88	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		1.8343	2.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.7083	2.0	ng/L	85	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		1.8638	2.0	ng/L	93	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	---		4.5939	5.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1.8798	2.0	ng/L	94	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.9499	2.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265

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 #
CCL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		1.9102	2.0	ng/L	96	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.9409	2.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorodecanoic acid (PFDoA)	L402	2.0	---		1.9033	2.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.9312	2.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1.9622	2.0	ng/L	98	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8199	2.0	ng/L	91	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8248	2.0	ng/L	91	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1.9486	2.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		1.8425	2.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1.7933	2.0	ng/L	90	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.7990	2.0	ng/L	90	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		1.9629	2.0	ng/L	98	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.6137	2.0	ng/L	81	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.7385	2.0	ng/L	137	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoro-2-(2-methyl)ethoxybutanoic acid	L402	5.0	---		4.6922	5.0	ng/L	94	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	---		4.5807	5.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		4.7983	5.0	ng/L	96	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		4.6068	5.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.8511	2.0	ng/L	93	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.8942	2.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		1.9460	2.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorooctanesulfonic acid (PFPeS)	L402	2.0	---		1.5827	2.0	ng/L	79	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		1.9305	2.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 18:13	01/22/2018 22:36	3856265
LRB	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	ADONA	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	F-53B Major	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	F-53B Minor	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	GenX	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	N-ethylperfluorooctane sulfonamide (NEIFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
LRB	Perfluorodecanoic acid (PFDoA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorooctanoic acid (PFOA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoropentanoic acid (PFPeA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
LRB	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	01/22/2018 08:00	01/22/2018 23:02	3856169
FBL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0247	2.0	ng/L	101	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0790	2.0	ng/L	104	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	1.9286	2.0	ng/L	96	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.1516	2.0	ng/L	108	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	ADONA	L402	2.0	---	<	1.8789	2.0	ng/L	94	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	F-53B Major	L402	2.0	---	<	1.7376	2.0	ng/L	87	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	F-53B Minor	L402	2.0	---	<	1.5792	2.0	ng/L	79	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	GenX	L402	5.0	---	<	4.7498	5.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---	<	1.8998	2.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	1.8484	2.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---	<	1.8933	2.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	1.8412	2.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	1.8885	2.0	ng/L	94	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	4.8264	5.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	1.8624	2.0	ng/L	93	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	1.9602	2.0	ng/L	98	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	1.8789	2.0	ng/L	94	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0051	2.0	ng/L	100	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorodecanoic acid (PFDoA)	L402	2.0	---	<	1.8514	2.0	ng/L	93	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	1.9042	2.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170



QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
FBL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1.9515	2.0	ng/L	98	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8788	2.0	ng/L	94	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8989	2.0	ng/L	95	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1.9612	2.0	ng/L	98	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorodecanoic acid (PFTrDA)	L402	2.0	---		0.8310	2.0	ng/L	42	40 - 160	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1.8002	2.0	ng/L	90	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		0.7955	2.0	ng/L	40	40 - 160	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		1.4866	2.0	ng/L	74	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorohexanesulfonic acid (PFHps)	L402	2.0	---		1.5033	2.0	ng/L	75	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.4080	2.0	ng/L	120	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	---		4.5884	5.0	ng/L	92	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	---		4.6602	5.0	ng/L	93	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.4466	5.0	ng/L	89	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		4.5077	5.0	ng/L	90	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		1.2479	2.0	ng/L	62	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.8615	2.0	ng/L	93	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.9828	2.0	ng/L	99	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.6413	2.0	ng/L	82	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FBL	Perfluorotetradecanoic acid (PFTrDA)	L402	2.0	---		1.9324	2.0	ng/L	97	50 - 150	---	---	1.0	01/22/2018 08:00	01/22/2018 23:28	3856170
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	ADONA	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	F-53B Major	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	F-53B Minor	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	GenX	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Raw Water Intake (Wet Well)		5.2		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Raw Water Intake (Wet Well)		21		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Raw Water Intake (Wet Well)		2.7		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorohexanesulfonic acid (PFHXS)	L402	2.0	Raw Water Intake (Wet Well)		24		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Raw Water Intake (Wet Well)		3.5		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Raw Water Intake (Wet Well)		37		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorooctanoic acid (PFNA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Raw Water Intake (Wet Well)		3.5		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Raw Water Intake (Wet Well)		11		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Raw Water Intake (Wet Well)		17		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Raw Water Intake (Wet Well)	<	35		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/22/2018 23:55	3852137
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	ADONA	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	F-53B Major	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	F-53B Minor	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	GenX	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Filter Effluent	<	2.1		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Filter Effluent	<	17		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	8.6		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	19		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Filter Effluent		4.5		ng/L	---	---	---	---	0.9	01/23/2018 08:00	01/23/2018 00:21	3852138

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
FS	Perfluorodecanoic acid (PFTrDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Filter Effluent	<	2.0	23	ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 00:21	3852138
FS	10,2-Fluorotetramer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	4,2-Fluorotetramer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	6,2-Fluorotetramer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	8,2-Fluorotetramer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	ADONA	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	F-53B Major	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	F-53B Minor	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	GenX	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #1	<	2.0	17	ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #1	<	4.4		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorotridecanoic acid (PFTriDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139

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	Perfluorodecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #1	<	23		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 00:47	3852139
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	ADONA	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	F-53B Major	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	F-53B Minor	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	GenX	L402	5.0	Biofiltration Filter #2	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #2	<	2.2		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #2	<	17		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #2	<	8.5		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #2	<	19		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #2	<	4.3		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	Biofiltration Filter #2	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	Biofiltration Filter #2	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #2	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #2	<	5.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #2	<	24		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #2	<	2.0		ng/L	---	---	---	---	0.9	01/22/2018 08:00	01/23/2018 01:13	3852140
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	ADONA	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	F-53B Major	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	F-53B Minor	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	GenX	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #3	<	17		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #3	<	8.2		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #3	<	19		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #3	<	4.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141

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	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 01:39	3852141
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	ADONA	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	F-53B Major	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	F-53B Minor	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	GenX	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #4	<	17		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	8.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	19		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorooctanoic acid (PFNA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	N-ethylperfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	N-methylperfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #4	<	3.8		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorodecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorododecanoic acid (PFDoS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorodecane sulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorooheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorooxanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:05	3852142
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	ADONA	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	F-53B Major	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	F-53B Minor	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	GenX	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	N-methylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorobutanoic acid (PFBA)	L402	2.0	Biofiltration Filter #5	<	2.3		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorodecanoic acid (PFDA)	L402	5.0	Biofiltration Filter #5	<	16		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	8.5		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #5	<	19		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorooctanoic acid (PFNA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorooxanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	N-ethyl Perfluorooxanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	N-methyl Perfluorooxanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #5	<	4.5		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorotridecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoroheptadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoroheptadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoro-2-(2-methyl)ethoxyacetic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143

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	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #5	<	23		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	01/22/2018 08:00	01/23/2018 02:31	3852143
CCM	IS-4-2-FTS-13C2	L402	N/A	---		472347	580644	ng/L	81	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-6-2-FTS-13C2	L402	N/A	---		500668	59213	ng/L	85	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-8-2-FTS-13C2	L402	N/A	---		253619	309931	ng/L	82	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-GenX-13C3	L402	N/A	---		9879	10406	ng/L	95	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-NEIFOSAA-d5	L402	N/A	---		305994	369451	ng/L	83	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-NEIFOSE-d9	L402	N/A	---		79250	99485	ng/L	80	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-NMeFOSAA-d3	L402	N/A	---		264220	351258	ng/L	75	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-NMeFOSA-d3	L402	N/A	---		476802	584062	ng/L	82	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-NMeFOSE-d7	L402	N/A	---		87278	103641	ng/L	84	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFBA-13C4	L402	N/A	---		3503250	4001641	ng/L	88	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFBS-13C3	L402	N/A	---		781498	926429	ng/L	84	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFDA-13C2	L402	N/A	---		4206050	4818020	ng/L	87	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFDoA-13C2	L402	N/A	---		2983510	3737198	ng/L	80	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFHpA-13C4	L402	N/A	---		4333960	5231151	ng/L	83	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFHA-13C2	L402	N/A	---		4037630	4678848	ng/L	86	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFOA-13C8	L402	N/A	---		983039	1198243	ng/L	82	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-NEIFOSA-d5	L402	N/A	---		424031	538369	ng/L	79	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFHXS-13C3	L402	N/A	---		59874	644040	ng/L	87	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFNA-13C9	L402	N/A	---		4078890	4856836	ng/L	84	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFOA-13C2	L402	N/A	---		5868090	6614928	ng/L	89	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFOS-13C4	L402	N/A	---		523287	610924	ng/L	86	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFPeA-13C5	L402	N/A	---		2500190	3051741	ng/L	82	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFTeDA-13C2	L402	N/A	---		925238	1579918	ng/L	59	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	IS-PFUaA-13C7	L402	N/A	---		3097100	3755858	ng/L	82	50 - 150	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		100.7930	100	ng/L	101	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		100.5600	100	ng/L	101	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		101.4010	100	ng/L	101	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		108.1540	100	ng/L	108	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	ADONA	L402	2.0	---		105.6650	100	ng/L	106	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	F-53B Major	L402	2.0	---		96.6494	100	ng/L	97	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	F-53B Minor	L402	2.0	---		101.0780	100	ng/L	101	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	GenX	L402	5.0	---		245.1370	250	ng/L	98	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		98.1820	100	ng/L	98	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		99.2166	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		99.2547	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		96.6426	100	ng/L	97	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266



QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCM	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		99.3522	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		248.5110	250	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		96.8994	100	ng/L	97	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		98.8916	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorooctanesulfonic acid (PFHxS)	L402	2.0	---		98.8897	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		98.8894	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		98.2484	100	ng/L	98	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorooctanoic acid (PFNA)	L402	2.0	---		98.2583	100	ng/L	98	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		97.6739	100	ng/L	98	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		100.8400	100	ng/L	101	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		98.7542	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		99.3056	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		91.5962	100	ng/L	92	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		99.2187	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorododecane sulfonic acid (PFDoS)	L402	2.0	---		96.0612	100	ng/L	96	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorodecane sulfonic acid (PFDS)	L402	2.0	---		109.1280	100	ng/L	109	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		102.9680	100	ng/L	103	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		99.2131	100	ng/L	99	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluoro-2-(2-methyl)ethoxybutanoic acid	L402	5.0	---		245.0140	250	ng/L	98	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluoro-4-(1-methyl)ethoxybutanoic acid	L402	5.0	---		255.0350	250	ng/L	102	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		257.4610	250	ng/L	103	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPPA)	L402	5.0	---		256.3290	250	ng/L	103	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		104.6440	100	ng/L	105	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		97.6477	100	ng/L	98	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		99.8120	100	ng/L	100	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		103.4930	100	ng/L	103	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		99.9631	100	ng/L	100	70 - 130	---	---	1.0	01/22/2018 18:13	01/23/2018 04:15	3856266

## Sample Type Key

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

END OF REPORT