

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: 423152
 Priority: Standard Written
 Status: Final
 PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3995151	Raw Water Intake(Wet Well)	L402	07/19/18 02:30	Client	07/20/18 09:30
3995152	Filter Effluent	L402	07/19/18 07:50	Client	07/20/18 09:30
3995153	Biofiltration Filter #1	L402	07/19/18 09:44	Client	07/20/18 09:30
3995154	Biofiltration Filter #4	L402	07/19/18 09:48	Client	07/20/18 09:30
3995155	Biofiltration Filter #5	L402	07/19/18 09:49	Client	07/20/18 09:30

Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Joseph Mattheis at (574) 233-4777.

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

 Account Manager

Authorized Signature

Title

08/13/2018

Date

Client Name: Cary/Apex WTP

Report #: 423152

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	08/06/18 08:25	08/06/18 23:12	3995151
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	4.8	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	20	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	2.3	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	19	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	3.6	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	27	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	2.4	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	13	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	12	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	25	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:12	3995151

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	08/06/18 08:25	08/06/18 23:38	3995152
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	15	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	4.2	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	12	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	17	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/06/18 23:38	3995152

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	08/06/18 08:25	08/07/18 00:04	3995153
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	17	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	3.2	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	12	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	19	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:04	3995153

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	08/06/18 08:25	08/07/18 00:30	3995154
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.1	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	16	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	5.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	13	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	18	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 00:30	3995154

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	08/06/18 08:25	08/07/18 01:23	3995155
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	15	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	4.3	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	12	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	17	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	08/06/18 08:25	08/07/18 01:23	3995155

† 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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South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

Order # 34200
Batch # 42352

www.eatonanalytical.com

CHAIN OF CUSTODY RECORD

Page 1 of 1

Shaded area for EEA use only

REPORT TO:		SAMPLER (Signature)		STATE (sample origin)		PROJECT NAME		PO#		OF CONTAINERS		MATRIX CODE		TURNAROUND TIME	
Rachel Monschien 1400 Wimberly Rd Apex, NC 27523		<i>Emo Phee</i>		NC		PFAS'S				2		DW		SW	
TOWN OF CARY FINANCE: A.P P.O. BOX 8005 CARY, NC 27512-8005		COMPLIANCE MONITORING		POPULATION SERVED		TEST NAME		SAMPLER REMARKS		CHLORINATED					
		Yes		No		SOURCE WATER				YES		NO			
		X				JORDAN LAKE				X		X			
LAB Number		COLLECTION		SAMPLING SITE		TEST NAME		SAMPLER REMARKS		CHLORINATED					
		DATE		TIME						YES		NO			
1		7-19-18		2:30		RAW WATER INTAKE (WET WELL)		PH 2-3		X		X			
2		7-19-18		7:50		FILTER EFFLUENT		PH 2-3		X		X			
3		7-19-18		9:44		BIOFILTRATION FILTER #1		PH 2-3		X		X			
4		7-19-18		9:48		BIOFILTRATION FILTER #4		PH 2-3		X		X			
5		7-19-18		9:49		BIOFILTRATION FILTER #5		PH 2-3		X		X			
6															
7															
8															
9															
10															
11															
12															
13															
14															

RELINQUISHED BY: (Signature)		DATE		TIME		RECEIVED BY: (Signature)		DATE		TIME		LAB COMMENTS	
<i>[Signature]</i>		7-19-18		1:30		<i>[Signature]</i>		7-20-18		09:30		LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT	
RELINQUISHED BY: (Signature)		DATE		TIME		RECEIVED BY: (Signature)		DATE		TIME		CONDITIONS UPON RECEIPT (check one):	
<i>[Signature]</i>						<i>[Signature]</i>		7-20-18		09:30		Ice: <input checked="" type="checkbox"/> Wet/Blue <input type="checkbox"/> Ambient <input type="checkbox"/> 1.0 °C Upon Receipt <input type="checkbox"/> N/A	
RELINQUISHED BY: (Signature)		DATE		TIME		RECEIVED FOR LABORATORY BY:		DATE		TIME		MATRIX CODES:	
<i>[Signature]</i>						<i>[Signature]</i>		7-20-18		09:30		DW-DRINKING WATER RW-REAGENT WATER GW-GROUND WATER EW-EXPOSURE WATER SW-SURFACE WATER PW-POOL WATER WW-WASTE WATER	

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

SW = Standard Written: (15 working days) 0%
 RV = Rush Verbal: (5 working days) 50%
 RW = Rush Written: (5 working days) 75%

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

• Please call, expedited service not available for all testing

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

06-LO-F0435 Issue 4.0 Effective Date: 2014-05-01

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

Eurofins Eaton Analytical

Run Log

Run ID: **246975** Method: **L402**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCL	4011512		OS	FL	08/06/2018 21:53	080618L402a-PFCQuant.mdb
LRB	4011501		RW	FL	08/06/2018 22:19	080618L402a-PFCQuant.mdb
FBL	4011502		RW	FL	08/06/2018 22:45	080618L402a-PFCQuant.mdb
FS	3995151	Raw Water Intake(Wet Well)	DW	FL	08/06/2018 23:12	080618L402a-PFCQuant.mdb
FS	3995152	Filter Effluent	DW	FL	08/06/2018 23:38	080618L402a-PFCQuant.mdb
FS	3995153	Biofiltration Filter #1	DW	FL	08/07/2018 00:04	080618L402a-PFCQuant.mdb
FS	3995154	Biofiltration Filter #4	DW	FL	08/07/2018 00:30	080618L402a-PFCQuant.mdb
LFSML	4011499	Biofiltration Filter #4	DW	FL	08/07/2018 00:56	080618L402a-PFCQuant.mdb
FS	3995155	Biofiltration Filter #5	DW	FL	08/07/2018 01:23	080618L402a-PFCQuant.mdb
FD	4011500	Biofiltration Filter #5	DW	FL	08/07/2018 01:49	080618L402a-PFCQuant.mdb
CCM	4011513		OS	FL	08/07/2018 04:26	080618L402a-PFCQuant.mdb

QC Summary Report

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCL	IS-4:2-FTS-13C2	L402	N/A	--		1461880	1624515	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-6:2-FTS-13C2	L402	N/A	--		281188	272967	ng/L	103	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-8:2-FTS-13C2	L402	N/A	--		975381	942249	ng/L	104	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-GenX-13C3	L402	N/A	--		11876	10576	ng/L	112	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-NEFOSAA-d5	L402	N/A	--		1251140	1171939	ng/L	107	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-NEIFOSE-d9	L402	N/A	--		171346	182922	ng/L	94	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-NMeFOSAA-d3	L402	N/A	--		1279970	1265086	ng/L	101	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-NMeFOSA-d3	L402	N/A	--		1068070	1087871	ng/L	98	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-NMeFOSE-d7	L402	N/A	--		190620	191643	ng/L	99	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFBA-13C4	L402	N/A	--		4828680	4827976	ng/L	100	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFBS-13C3	L402	N/A	--		1511740	1458090	ng/L	104	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFDA-13C2	L402	N/A	--		9207210	8022090	ng/L	115	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFDoA-13C2	L402	N/A	--		6376320	6355755	ng/L	100	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFHpa-13C4	L402	N/A	--		9200120	8785510	ng/L	105	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFHXA-13C2	L402	N/A	--		7637360	7493971	ng/L	102	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFOA-13C2	L402	N/A	--		2809740	2764361	ng/L	102	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFOA-13C2	L402	N/A	--		947842	989595	ng/L	96	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFOA-13C2	L402	N/A	--		1054910	1004250	ng/L	105	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFHKS-13C3	L402	N/A	--		11382300	10495426	ng/L	108	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFNA-13C9	L402	N/A	--		11150400	10359766	ng/L	108	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFOA-13C2	L402	N/A	--		1031070	1003034	ng/L	103	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFOS-13C4	L402	N/A	--		4745320	4771906	ng/L	99	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFPeA-13C5	L402	N/A	--		1849990	2520248	ng/L	73	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFTeDA-13C2	L402	N/A	--		8089450	7160458	ng/L	113	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	IS-PFUaA-13C7	L402	N/A	--		2.5735	2.0	ng/L	129	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	--		2.0329	2.0	ng/L	102	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	--		1.7266	2.0	ng/L	86	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	--		2.0562	2.0	ng/L	103	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	--		1.9011	2.0	ng/L	95	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	ADONA	L402	2.0	--		1.3172	2.0	ng/L	66	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	F-53B Major	L402	2.0	--		1.6027	2.0	ng/L	80	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	F-53B Minor	L402	2.0	--		4.3599	5.0	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	GenX	L402	5.0	--		1.6719	2.0	ng/L	84	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	--		1.8013	2.0	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	--		1.7436	2.0	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	--		1.8616	2.0	ng/L	93	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	N-methylperfluorooctane sulfonamideethanol	L402	2.0	--		1.7106	2.0	ng/L	86	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	--		4.2213	5.0	ng/L	84	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	--		1.7488	2.0	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	--		1.7312	2.0	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	--				ng/L								

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	---		1.6950	2.0	ng/L	85	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.7709	2.0	ng/L	89	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		1.7795	2.0	ng/L	89	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.7384	2.0	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1.7481	2.0	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.9441	2.0	ng/L	97	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.7193	2.0	ng/L	86	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1.7680	2.0	ng/L	88	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---		1.7914	2.0	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1.7500	2.0	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.8065	2.0	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorodecanesulfonic acid (PFHxPS)	L402	2.0	---		1.7969	2.0	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoroheptanesulfonic acid (PFHpDA)	L402	2.0	---		1.6843	2.0	ng/L	84	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.3759	2.0	ng/L	119	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		5.0977	5.0	ng/L	102	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		5.2005	5.0	ng/L	104	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.5988	5.0	ng/L	92	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	5.0	---		3.5349	5.0	ng/L	71	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		1.4353	2.0	ng/L	72	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.7088	2.0	ng/L	85	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.7936	2.0	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		1.6079	2.0	ng/L	80	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		1.8013	2.0	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/06/2018 21:53	4011512
LRB	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	ADONA	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	F-53B Major	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	F-53B Minor	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	GenX	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
LRB	Perfluorododecanoic acid (PFDoA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorooctanoic acid (PFOA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoro-3-methoxypropanoic acid (PFMOPA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoropentanoic acid (PFPeA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
LRB	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
FBL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	08/06/2018 08:25	08/06/2018 22:19	4011501
FBL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		0.9939	2.0	ng/L	50	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		2.185	2.0	ng/L	111	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.1884	2.0	ng/L	109	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	ADONA	L402	2.0	---		2.3192	2.0	ng/L	116	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	F-53B Major	L402	2.0	---		2.1857	2.0	ng/L	109	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	F-53B Minor	L402	2.0	---		1.0148	2.0	ng/L	51	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	GenX	L402	5.0	---		1.0059	2.0	ng/L	50	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		4.7855	5.0	ng/L	96	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.6927	2.0	ng/L	85	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	N-methylperfluorooctane sulfonamide (MeFOSA)	L402	2.0	---		1.9530	2.0	ng/L	98	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		2.2058	2.0	ng/L	110	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		2.1498	2.0	ng/L	107	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorobutanoic acid (PFBA)	L402	2.0	---		1.9290	2.0	ng/L	96	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		5.1231	5.0	ng/L	102	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.9127	2.0	ng/L	96	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		1.9500	2.0	ng/L	97	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.9137	2.0	ng/L	96	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		2.0135	2.0	ng/L	101	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorononanoic acid (PFNA)	L402	2.0	---		2.1346	2.0	ng/L	107	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1.9483	2.0	ng/L	97	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FBL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1.9899	2.0	ng/L	99	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.1723	2.0	ng/L	109	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.9034	2.0	ng/L	95	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		2.0232	2.0	ng/L	101	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---		1.0494	2.0	ng/L	52	40 - 160	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoroundecanoic acid (PFUNA)	L402	2.0	---		1.9513	2.0	ng/L	98	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		0.8439	2.0	ng/L	42	40 - 160	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		1.2313	2.0	ng/L	62	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.5988	2.0	ng/L	80	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.4822	2.0	ng/L	124	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		5.6409	5.0	ng/L	113	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		5.6457	5.0	ng/L	113	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.9477	5.0	ng/L	99	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoro-3-methoxypropanoic acid (PFMOPA)	L402	5.0	---		4.6284	5.0	ng/L	93	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		1.6573	2.0	ng/L	83	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.9420	2.0	ng/L	97	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.9985	2.0	ng/L	100	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.8305	2.0	ng/L	92	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FBL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		2.5949	2.0	ng/L	130	50 - 150	---	---	1.0	08/06/2018 08:25	08/06/2018 22:45	4011502
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	ADONA	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	F-53B Major	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	F-53B Minor	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	GenX	L402	5.0	Raw Water Intake(Wet Well)	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Raw Water Intake(Wet Well)	<	4.8		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Raw Water Intake(Wet Well)		20		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Raw Water Intake(Wet Well)		2.3		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Raw Water Intake(Wet Well)		19		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Raw Water Intake(Wet Well)		3.6		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Raw Water Intake(Wet Well)		27		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Raw Water Intake(Wet Well)		2.4		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Raw Water Intake(Wet Well)		13		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151

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	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Raw Water Intake(Wet Well)	<	12		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoroheptanesulfonic acid (PFHPS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorohexadecanoic acid (PFHXA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Raw Water Intake(Wet Well)	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Raw Water Intake(Wet Well)	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Raw Water Intake(Wet Well)	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoro-3-methoxypropanoic acid (PFMOPA)	L402	5.0	Raw Water Intake(Wet Well)	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Raw Water Intake(Wet Well)	<	25		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/06/2018 23:12	3995151
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	ADONA	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	F-53B Major	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	F-53B Minor	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	GenX	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Filter Effluent	<	15		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Filter Effluent	<	4.2		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	12		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152

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	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoroheptanesulfonic acid (PFHPS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorohexadecanoic acid (PFHXDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoro-3-methoxypropanoic acid (PFMOPA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorooctanesulfonamide (PFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Filter Effluent	<	17		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	08/06/2018 08:25	08/06/2018 23:38	3995152
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	ADONA	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	F-53B Major	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	F-53B Minor	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	GenX	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	N-methylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #1	<	17		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #1	<	3.2		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #1	<	12		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorooctanesulfonamideacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	N-methyl Perfluorooctanesulfonamideacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153

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	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoro-3-methoxypropanoic acid (PFMPFA)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #1	<	19		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:04	3995153
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	ADONA	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	F-53B Major	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	F-53B Minor	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	GenX	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	N-methylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #4	<	2.1		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #4	<	16		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoroheptanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	13		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154

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	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filler #4	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filler #4	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filler #4	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	5.0	Biofiltration Filler #4	<	5.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorooctanesulfonamide (PFOSA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filler #4	<	18		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
FS	Perfluoro-10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.92	08/06/2018 08:25	08/07/2018 00:30	3995154
LFSMIL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filler #4		0.8404	2.0	ng/L	42	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filler #4		2.2979	2.0	ng/L	115	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filler #4		2.3374	2.0	ng/L	117	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filler #4		2.3374	2.0	ng/L	117	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	ADONA	L402	2.0	Biofiltration Filler #4		2.2681	2.0	ng/L	113	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	F-53B Major	L402	2.0	Biofiltration Filler #4		1.1669	2.0	ng/L	58	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	F-53B Minor	L402	2.0	Biofiltration Filler #4		1.0547	2.0	ng/L	53	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	GenX	L402	5.0	Biofiltration Filler #4		7.1146	5.0	ng/L	142	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filler #4		1.5896	2.0	ng/L	79	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filler #4		1.9152	2.0	ng/L	96	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filler #4		1.9089	2.0	ng/L	95	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	N-methylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filler #4		2.0112	2.0	ng/L	101	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filler #4		4.1863	4.05594	ng/L	107	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filler #4		21.3992	20.5967	ng/L	116	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filler #4		2.0837	2.0	ng/L	104	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filler #4		7.3673	6.95883	ng/L	120	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filler #4		2.3047	2.0	ng/L	115	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filler #4		16.2288	15.0117	ng/L	161	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filler #4		2.0504	2.0	ng/L	103	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filler #4		2.1508	2.0	ng/L	108	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filler #4		2.3483	2.0	ng/L	117	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filler #4		2.2232	2.0	ng/L	111	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filler #4		1.9389	2.0	ng/L	97	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorododecanoic acid (PFDA)	L402	2.0	Biofiltration Filler #4		3.7579	2.0	ng/L	188	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Biofiltration Filler #4		1.0162	2.0	ng/L	51	40 - 160	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filler #4		2.0057	2.0	ng/L	100	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filler #4		0.8557	2.0	ng/L	43	40 - 160	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filler #4		1.3588	2.0	ng/L	68	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filler #4		1.6416	2.0	ng/L	82	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSMIL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filler #4		2.4942	2.0	ng/L	125	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
LFSML	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #4		6.5413	5.0	ng/L	131	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #4		5.4908	5.0	ng/L	110	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4		4.9820	5.0	ng/L	100	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluoro-3-methoxypropanoic acid (PFMOPiA)	L402	5.0	Biofiltration Filter #4		5.4011	5.0	ng/L	108	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4		1.8350	2.0	ng/L	92	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4		1.9651	2.0	ng/L	98	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4		22.3563	20.4782	ng/L	194	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #4		2.0120	2.0	ng/L	101	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
LFSML	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4		2.2996	2.0	ng/L	115	50 - 150	---	---	1.0	08/06/2018 08:25	08/07/2018 00:56	4011499
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	ADONA	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	F-53B Major	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	F-53B Minor	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	GenX	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	N-methylperfluorooctane sulfonamide	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	N-methylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	4.3		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	12		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155

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-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #5	<	17		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:23	3995155
FD	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	ADONA	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	F-53B Major	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	F-53B Minor	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	GenX	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorobutanoic acid (PFBA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorodecanoic acid (PFDA)	L402	5.0	Biofiltration Filter #5	<	14.5		ng/L	---	---	0.0	50	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorooctanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorooctanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #5	<	4.27		ng/L	---	---	1.3	50	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorooctanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	11.7		ng/L	---	---	0.3	50	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorotridecanoic acid (PFTTDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorodecanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FD	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #5		16.8		ng/L	---	---	0.2	50	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
FD	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	08/06/2018 08:25	08/07/2018 01:49	4011500
CCM	IS-4:2-FTS-13C2	L402	N/A	---		980846	1624515	ng/L	60	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-6:2-FTS-13C2	L402	N/A	---		161024	272967	ng/L	59	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-8:2-FTS-13C2	L402	N/A	---		529190	942249	ng/L	56	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-GenX-13C3	L402	N/A	---		15932	10576	ng/L	151	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-NEFOSAA-d5	L402	N/A	---		877959	1171939	ng/L	75	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-NEFOSE-d9	L402	N/A	---		150216	182922	ng/L	82	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-NMeFOSAA-d3	L402	N/A	---		970927	1265086	ng/L	77	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-NMeFOSA-d3	L402	N/A	---		897207	1087871	ng/L	82	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-NMeFOSE-d7	L402	N/A	---		166414	191643	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFBA-13C4	L402	N/A	---		4537330	4827976	ng/L	94	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFBS-13C3	L402	N/A	---		1455310	1458090	ng/L	100	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFDA-13C2	L402	N/A	---		6731670	8022090	ng/L	84	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFDaA-13C2	L402	N/A	---		4970730	6355755	ng/L	78	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFHFA-13C4	L402	N/A	---		8120480	8785510	ng/L	92	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFHFA-13C2	L402	N/A	---		6899950	7493971	ng/L	91	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFOA-13C8	L402	N/A	---		2516780	2764361	ng/L	91	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-NEFOSA-d5	L402	N/A	---		771316	989595	ng/L	78	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFHS-13C3	L402	N/A	---		1034970	104250	ng/L	103	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFNA-13C9	L402	N/A	---		9183060	10495426	ng/L	87	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFOA-13C2	L402	N/A	---		9367980	10359766	ng/L	90	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFOS-13C4	L402	N/A	---		1002040	1003034	ng/L	100	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFPeA-13C5	L402	N/A	---		4477930	4771906	ng/L	94	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFTeDA-13C2	L402	N/A	---		1669990	2520248	ng/L	66	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	IS-PFUaA-13C7	L402	N/A	---		5751750	7160458	ng/L	80	50 - 150	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		97.1897	100	ng/L	97	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		101.6060	100	ng/L	102	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		95.7837	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		103.7050	100	ng/L	104	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	ADONA	L402	2.0	---		104.4680	100	ng/L	104	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	F-53B Major	L402	2.0	---		100.2590	100	ng/L	100	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	F-53B Minor	L402	2.0	---		103.3250	100	ng/L	103	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	GenX	L402	5.0	---		237.4850	250	ng/L	95	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		87.6437	100	ng/L	88	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	---		97.7368	100	ng/L	98	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		95.8722	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	N-methylperfluorooctane sulfonamideethanol	L402	2.0	---		97.5278	100	ng/L	98	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513

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	---		95.9581	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		238.9620	250	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		94.9984	100	ng/L	95	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		95.1087	100	ng/L	95	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		94.1295	100	ng/L	94	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		95.8289	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		96.5077	100	ng/L	97	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorononanoic acid (PFNA)	L402	2.0	---		95.5800	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		93.9201	100	ng/L	94	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		101.1370	100	ng/L	101	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		94.9129	100	ng/L	95	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		96.3701	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---		87.0312	100	ng/L	87	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		96.1238	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		105.4290	100	ng/L	105	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		103.4590	100	ng/L	103	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		93.6991	100	ng/L	94	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		96.2365	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoro-2-methoxyethoxybutanoic acid	L402	5.0	---		299.7430	250	ng/L	120	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		233.9180	250	ng/L	94	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		235.1090	250	ng/L	94	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPFA)	L402	5.0	---		232.3630	250	ng/L	93	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		106.6470	100	ng/L	107	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		95.1727	100	ng/L	95	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		96.2407	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		96.1271	100	ng/L	96	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		97.1116	100	ng/L	97	70 - 130	---	---	1.0	08/06/2018 15:24	08/07/2018 04:26	4011513

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		
FD	Field Duplicate		
FS	Field Sample		
FBL	Fortified Blank Low		
LFSML	LFSM Low		
LRB	Laboratory Reagent Blank		

END OF REPORT