

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

Report: 410043

Attn: Rachel Monschein
 1400 Wimberly Road
 Apex, NC 27523

Priority: Standard Written

Status: Final

PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3882727	Raw Water Intake	L402	03/01/18 11:00	Client	03/02/18 09:45
3882728	Filter Effluent	L402	03/01/18 09:00	Client	03/02/18 09:45
3882729	Biofiltration Filter #3	L402	03/01/18 09:33	Client	03/02/18 09:45
3882730	Biofiltration Filter #4	L402	03/01/18 09:34	Client	03/02/18 09:45
3882731	Biofiltration Filter #5	L402	03/01/18 09:36	Client	03/02/18 09:45

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

03/20/2018

Date

Client Name: Cary/Apex WTP

Report #: 410043

Sampling Point: Raw Water Intake

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	03/15/18 08:50	03/16/18 19:51	3882727
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	2.5	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	5.3	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	22	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	3.9	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	39	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	5.9	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	57	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	4.7	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	20	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	21	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	43	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 19:51	3882727

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	03/15/18 08:50	03/16/18 20:17	3882728
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.8	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	20	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	15	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	33	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	5.3	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	34	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 20:17	3882728

Sampling Point: Biofiltration Filter #3

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.6	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	20	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	13	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	32	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	4.9	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	34	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 21:09	3882729

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	03/15/18 08:50	03/16/18 22:01	3882730
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.6	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	20	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	12	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	31	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	4.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	34	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 22:01	3882730

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	03/15/18 08:50	03/16/18 23:19	3882731
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	3.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	20	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	16	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	36	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	5.8	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	35	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	03/15/18 08:50	03/16/18 23:19	3882731

† 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 # 335429
Batch # 410043

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CHAIN OF CUSTODY RECORD

Page _____ of _____

REPORT TO:	SAMPLER (Signature)	COMPLIANCE MONITORING	Yes	No	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME	COLLECTION	
												DATE	TIME
Rechel Martscheim 1400 W. Amberly Road Apex, NC 27523	<i>Eun R hee</i>			<input checked="" type="checkbox"/>	NC0392000	NC			2	DWSW			
BILL TO: Town of Cary Finance I.A.P. P.O. Box 8005 Cary, NC 27513-8005				<input checked="" type="checkbox"/>		Jordan Lake			2				
LAB Number <td colspan="12">SAMPLING SITE</td>	SAMPLING SITE												
1 3552-727	Raw Water In Lake												
2 728	Filter Effluent												
3 729	Biofiltration Filter #3												
4 730	4												
5 731	5												
6													
7													
8													
9													
10													
11													
12													
13													
14													

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME	LAB COMMENTS
<i>Eun R hee</i>	3/18	12:00 AM	<i>Rechel Martscheim</i>	3/18	2:05 PM	
<i>Rechel Martscheim</i>	03/18	3:00 AM	<i>Eun R hee</i>	3/21/18	09:15 AM	
						LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT
						CONDITIONS UPON RECEIPT (check one): Iced: <input checked="" type="checkbox"/> Yes/Blue <input type="checkbox"/> No/White Ambient: <input type="checkbox"/> 1-2 °C Upon Receipt: N/A

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

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

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

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

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

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 agreed to in writing by EEA.



Eurofins Eaton Analytical

Run Log

Run ID: 240840 Method: L402

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3890908		OS	FL	03/16/2018 18:33	031618L402a-PFCQuant-NTA.mdb
LRB	3890898		RW	FL	03/16/2018 18:59	031618L402a-PFCQuant-NTA.mdb
FBL	3890899		RW	FL	03/16/2018 19:25	031618L402a-PFCQuant-NTA.mdb
FS	3882727	Raw Water Intake	DW	FL	03/16/2018 19:51	031618L402a-PFCQuant-NTA.mdb
FS	3882728	Filter Effluent	DW	FL	03/16/2018 20:17	031618L402a-PFCQuant-NTA.mdb
FS	3882729	Biofiltration Filter #3	DW	FL	03/16/2018 21:09	031618L402a-PFCQuant-NTA.mdb
FS	3882730	Biofiltration Filter #4	DW	FL	03/16/2018 22:01	031618L402a-PFCQuant-NTA.mdb
FS	3882731	Biofiltration Filter #5	DW	FL	03/16/2018 23:19	031618L402a-PFCQuant-NTA.mdb
CCM	3890909		OS	FL	03/17/2018 01:03	031618L402a-PFCQuant-NTA.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	---		1865460	1945468	ng/L	96	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-6:2-FTS-13C2	L402	N/A	---		264434	243400	ng/L	109	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-8:2-FTS-13C2	L402	N/A	---		1071150	1017450	ng/L	105	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-GenX-13C3	L402	N/A	---		33745	28869	ng/L	126	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-NEFOSAA-d5	L402	N/A	---		1883880	1533700	ng/L	110	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-NEFOSE-d9	L402	N/A	---		184679	225776	ng/L	82	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-NMeFOSAA-d3	L402	N/A	---		2056650	1886805	ng/L	109	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-NMeFOSA-d3	L402	N/A	---		833358	1109248	ng/L	75	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-NMeFOSE-d7	L402	N/A	---		218281	229124	ng/L	95	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFBA-13C4	L402	N/A	---		6009650	5609475	ng/L	107	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFBS-13C3	L402	N/A	---		1859670	1704075	ng/L	109	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFDA-13C2	L402	N/A	---		9888200	8556601	ng/L	117	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFDoA-13C2	L402	N/A	---		6812660	6756056	ng/L	101	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFHpa-13C4	L402	N/A	---		13303100	11745033	ng/L	113	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFHXA-13C2	L402	N/A	---		15896000	14329083	ng/L	111	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFOA-13C8	L402	N/A	---		2818200	2760921	ng/L	102	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-NEFOSA-d5	L402	N/A	---		507149	822931	ng/L	62	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFHXS-13C3	L402	N/A	---		1527950	1396850	ng/L	109	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFNA-13C9	L402	N/A	---		10979900	10076708	ng/L	109	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFOA-13C2	L402	N/A	---		13538100	12098700	ng/L	112	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFOS-13C4	L402	N/A	---		1273120	1193886	ng/L	107	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFPeA-13C5	L402	N/A	---		5944080	5482191	ng/L	108	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFTeDA-13C2	L402	N/A	---		1828350	3430741	ng/L	53	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	IS-PFUaA-13C7	L402	N/A	---		8174260	6986361	ng/L	117	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		1.9884	2.0	ng/L	99	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		2.1329	2.0	ng/L	107	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		1.7824	2.0	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.0724	2.0	ng/L	104	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	ADONA	L402	2.0	---		1.8441	2.0	ng/L	92	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	F-53B Major	L402	2.0	---		1.5131	2.0	ng/L	76	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	F-53B Minor	L402	2.0	---		1.6281	2.0	ng/L	81	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	GenX	L402	5.0	---		4.4614	5.0	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		1.7201	2.0	ng/L	86	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.9443	2.0	ng/L	97	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		1.7899	2.0	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.8160	2.0	ng/L	91	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		1.7271	2.0	ng/L	86	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	---		4.3454	5.0	ng/L	87	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1.7820	2.0	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.7902	2.0	ng/L	90	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	3890908

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	---		1.7182	2.0	ng/L	86	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.8207	2.0	ng/L	91	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorodecanoic acid (PFDoA)	L402	2.0	---		1.8083	2.0	ng/L	90	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.8406	2.0	ng/L	92	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1.7567	2.0	ng/L	88	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.9488	2.0	ng/L	97	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.7457	2.0	ng/L	87	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1.7849	2.0	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		1.8787	2.0	ng/L	94	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1.7762	2.0	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.9400	2.0	ng/L	97	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		1.8333	2.0	ng/L	92	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.7526	2.0	ng/L	88	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.2105	2.0	ng/L	111	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		5.8939	5.0	ng/L	118	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		5.6534	5.0	ng/L	113	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.8414	5.0	ng/L	97	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		5.0361	5.0	ng/L	101	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		1.9420	2.0	ng/L	97	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.8095	2.0	ng/L	90	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.8026	2.0	ng/L	90	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		1.7548	2.0	ng/L	88	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
CCL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.7889	2.0	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/16/2018 18:33	38909008
LRB	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	ADONA	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	F-53B Major	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	F-53B Minor	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	GenX	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998
LRB	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	38908998

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	Perfluorodecanoic acid (PFDoA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorooctanoic acid (PFOA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoropentanoic acid (PFPeA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
LRB	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 18:59	3890898
FBL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		2.2519	2.0	ng/L	113	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		2.5124	2.0	ng/L	126	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		2.5892	2.0	ng/L	129	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.4550	2.0	ng/L	123	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	ADONA	L402	2.0	---		2.2162	2.0	ng/L	111	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	F-53B Major	L402	2.0	---		1.8182	2.0	ng/L	91	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	F-53B Minor	L402	2.0	---		2.0320	2.0	ng/L	102	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	GenX	L402	5.0	---		4.9373	5.0	ng/L	99	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		2.0052	2.0	ng/L	100	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		2.1799	2.0	ng/L	109	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		2.0531	2.0	ng/L	103	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		2.4221	2.0	ng/L	121	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		2.0392	2.0	ng/L	102	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorobutanoic acid (PFBA)	L402	5.0	---		5.1453	5.0	ng/L	103	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		2.0451	2.0	ng/L	102	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		2.0764	2.0	ng/L	104	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		1.9731	2.0	ng/L	99	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		2.1430	2.0	ng/L	107	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		2.0284	2.0	ng/L	101	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorononanoic acid (PFNA)	L402	2.0	---		2.1253	2.0	ng/L	106	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899

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	---		2.0714	2.0	ng/L	104	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.2353	2.0	ng/L	112	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.0587	2.0	ng/L	103	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		2.8304	2.0	ng/L	142	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorodecanoic acid (PFTrDA)	L402	2.0	---		1.8572	2.0	ng/L	93	40 - 160	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		2.0739	2.0	ng/L	104	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.8223	2.0	ng/L	91	40 - 160	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		2.3013	2.0	ng/L	115	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		2.0272	2.0	ng/L	101	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.4533	2.0	ng/L	123	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		6.9225	5.0	ng/L	138	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		6.1873	5.0	ng/L	124	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		5.6306	5.0	ng/L	113	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		5.6139	5.0	ng/L	112	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		2.0988	2.0	ng/L	105	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		2.0805	2.0	ng/L	104	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		2.1034	2.0	ng/L	105	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		2.0753	2.0	ng/L	104	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FBL	Perfluorotetradecanoic acid (PFTrDA)	L402	2.0	---		2.0687	2.0	ng/L	103	50 - 150	---	---	1.0	03/15/2018 08:50	03/16/2018 19:25	3890899
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Raw Water Intake	<	2.5		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	ADONA	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	F-53B Major	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	F-53B Minor	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	GenX	L402	5.0	Raw Water Intake	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Raw Water Intake		5.3		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Raw Water Intake		22		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Raw Water Intake		3.9		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Raw Water Intake		39		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Raw Water Intake		5.9		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Raw Water Intake	<	57		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Raw Water Intake		2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Raw Water Intake		4.7		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake	<	20		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake		2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727

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	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Raw Water Intake		21		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Raw Water Intake	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Raw Water Intake	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Raw Water Intake	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Raw Water Intake	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Raw Water Intake	<	43		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Raw Water Intake	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 19:51	3882727
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	ADONA	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	F-53B Major	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	F-53B Minor	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	GenX	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Filter Effluent	<	2.8		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Filter Effluent	<	20		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	15		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	33		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Filter Effluent	<	5.3		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728

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	Perfluorodecanoic acid (PFTrDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoroheptanesulfonic acid (PFHPS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Filter Effluent	<	34		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 20:17	3882728
FS	10,2-Fluorotetramer sulfonic acid (10,2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	4,2-Fluorotetramer sulfonic acid (4,2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	6,2-Fluorotetramer sulfonic acid (6,2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	8,2-Fluorotetramer sulfonic acid (8,2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	ADONA	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	F-53B Major	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	F-53B Minor	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	GenX	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #3	<	13		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoroheptanoic acid (PFHSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorohexanesulfonic acid (PFHXS)	L402	2.0	Biofiltration Filter #3	<	32		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #3	<	4.9		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	Perfluorodecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #3	<	34		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.92	03/15/2018 08:50	03/16/2018 21:09	3882729
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	ADONA	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	F-53B Major	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	F-53B Minor	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	GenX	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #4	<	2.6		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #4	<	20		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #4	<	12		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	31		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #4	<	4.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730

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	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4	<	34		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.91	03/15/2018 08:50	03/16/2018 22:01	3882730
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	ADONA	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	F-53B Major	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	F-53B Minor	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	GenX	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorobutanoic acid (PFBA)	L402	2.0	Biofiltration Filter #5	<	3.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorodecanoic acid (PFDA)	L402	5.0	Biofiltration Filter #5	<	20		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	16		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	36		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorooctanoic acid (PFNA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #5	<	5.8		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorodecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #5	<	35		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluoropentanesulfonic acid (PFPS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	03/15/2018 08:50	03/16/2018 23:19	3882731
CCM	IS-4:2-FTS-13C2	L402	N/A	---		1186020	1945468	ng/L	61	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-6:2-FTS-13C2	L402	N/A	---		127502	243400	ng/L	52	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-8:2-FTS-13C2	L402	N/A	---		498728	1017450	ng/L	49	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-GenX-13C3	L402	N/A	---		47202	26869	ng/L	176	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-NEFOSAA-d5	L402	N/A	---		1087680	1533700	ng/L	71	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-NEFOSE-d9	L402	N/A	---		197624	225776	ng/L	88	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-NMeFOSAA-d3	L402	N/A	---		1389900	1886805	ng/L	74	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-NMeFOSA-d3	L402	N/A	---		960686	1109248	ng/L	87	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-NMeFOSE-d7	L402	N/A	---		199469	229124	ng/L	87	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFBA-13C4	L402	N/A	---		5356430	5609475	ng/L	95	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFBS-13C3	L402	N/A	---		1574680	1704075	ng/L	92	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFDA-13C2	L402	N/A	---		7090050	8556601	ng/L	83	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFDaA-13C2	L402	N/A	---		5331070	6756056	ng/L	79	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFHpa-13C4	L402	N/A	---		11147400	11745033	ng/L	95	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFHXA-13C2	L402	N/A	---		14444000	14329083	ng/L	101	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFOSA-13C8	L402	N/A	---		2259580	2760921	ng/L	82	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-NEFOSA-d5	L402	N/A	---		718339	822931	ng/L	87	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFHXS-13C3	L402	N/A	---		1242060	1396850	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFNA-13C9	L402	N/A	---		8535750	10076708	ng/L	85	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFOA-13C2	L402	N/A	---		10711400	12098700	ng/L	89	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFOS-13C4	L402	N/A	---		1033330	1193886	ng/L	87	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFPeA-13C5	L402	N/A	---		5658900	5482191	ng/L	103	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFTeDA-13C2	L402	N/A	---		2601560	3430741	ng/L	76	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	IS-PFUnA-13C7	L402	N/A	---		5627850	6986361	ng/L	81	50 - 150	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		82.9382	100	ng/L	83	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		107.8880	100	ng/L	108	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		97.0759	100	ng/L	97	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		108.4880	100	ng/L	108	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	ADONA	L402	2.0	---		105.4110	100	ng/L	105	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	F-53B Major	L402	2.0	---		98.8946	100	ng/L	99	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	F-53B Minor	L402	2.0	---		121.2450	100	ng/L	121	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	GenX	L402	5.0	---		233.9340	250	ng/L	94	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909

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	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		102.4160	100	ng/L	102	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		102.7040	100	ng/L	103	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		102.7390	100	ng/L	103	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		102.5260	100	ng/L	103	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		100.4090	100	ng/L	100	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		248.6370	250	ng/L	99	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		99.3945	100	ng/L	99	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		100.7400	100	ng/L	101	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		98.8340	100	ng/L	99	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		99.5929	100	ng/L	100	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		100.4760	100	ng/L	100	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorononanoic acid (PFNA)	L402	2.0	---		102.3790	100	ng/L	102	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		98.0902	100	ng/L	98	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		105.6060	100	ng/L	106	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		101.3500	100	ng/L	101	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		101.0350	100	ng/L	101	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		92.5987	100	ng/L	93	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		101.5900	100	ng/L	102	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		97.2759	100	ng/L	97	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		123.7120	100	ng/L	124	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		98.9117	100	ng/L	99	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		99.4349	100	ng/L	99	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		355.0090	250	ng/L	142	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		294.0190	250	ng/L	118	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		298.0700	250	ng/L	119	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		288.2380	250	ng/L	115	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		103.7880	100	ng/L	104	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		104.5380	100	ng/L	105	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		100.4720	100	ng/L	100	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		99.4383	100	ng/L	99	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		100.0470	100	ng/L	100	70 - 130	---	---	1.0	03/08/2018 14:29	03/17/2018 01:03	3890909

Sample Type Key

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

END OF REPORT