

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: 420217
 Priority: Standard Written
 Status: Final
 PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3969363	RawWaterIntake(WetWell)	L402	06/21/18 04:00	Client	06/22/18 09:15
3969364	Filter Effluent	L402	06/21/18 08:20	Client	06/22/18 09:15
3969365	Biofiltration Filter #1	L402	06/21/18 09:29	Client	06/22/18 09:15
3969366	Biofiltration Filter #4	L402	06/21/18 09:30	Client	06/22/18 09:15
3969367	Biofiltration Filter #5	L402	06/21/18 09:33	Client	06/22/18 09:15

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

07/19/2018

Date

Client Name: Cary/Apex WTP

Report #: 420217

Sampling Point: RawWaterIntake(WetWell)

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	07/09/18 08:19	07/10/18 05:44	3969363
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	4.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	17	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	2.2	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	15	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	3.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	23	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	2.3	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	10	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	10	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	22	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:44	3969363

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	07/09/18 08:19	07/10/18 03:08	3969364
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.7	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	15	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	7.8	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	17	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	3.4	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	19	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:08	3969364

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	07/09/18 08:19	07/10/18 03:34	3969365
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	15	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	2.5	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	11	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	16	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 03:34	3969365

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	07/09/18 08:19	07/10/18 04:26	3969366
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.5	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	15	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	6.1	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	16	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	2.2	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	19	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 04:26	3969366

Sampling Point: Biofiltration Filter #5

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.7	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	14	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	7.1	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	17	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	3.2	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	18	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	07/09/18 08:19	07/10/18 05:18	3969367

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

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

Lab Definitions

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

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

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

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

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

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

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

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

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

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

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



Eaton Analytical

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

Order # 342000
Batch # 420217

www.eatonanalytical.com

CHAIN OF CUSTODY RECORD

Page 1 of 1

REPORT TO: **Shaded area for EEA use only**

Rachel Monschien
1400 Wimberly Rd
Apex, NC 27523

SAMPLER (Signature)
Em Phee

PWS ID #
NC0392020

STATE (sample origin)
NC

PROJECT NAME
PFAS'S

PO#

MATRIX CODE

TOWN OF CARY FINANCE: A.P
P.O. BOX 8005
CARY, NC 27512-8005

POPULATION SERVED
>100,000

SOURCE WATER
JORDAN LAKE

CHLORINATED
YES NO
X

TURNAROUND TIME

LAB Number

COLLECTION

SAMPLING SITE

TEST NAME

SAMPLE REMARKS

CHLORINATED
YES NO

OF CONTAINERS

LAB Number	DATE		TIME		SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED		# OF CONTAINERS	MATRIX CODE
	DATE	TIME	AM	PM				YES	NO		
1	6-21-18	4:00	X		RAW WATER INTAKE (WET WELL)	L402 PFC & Quant			2	DW	SW
2	6-21-18	8:20	X		FILTER EFFLUENT			X	2	DW	SW
3	6-21-18	9:19	X		BIOFILTRATION FILTER #1				2	DW	SW
4	6-21-18	9:30	X		BIOFILTRATION FILTER #4				2	DW	SW
5	6-21-18	9:34	X		BIOFILTRATION FILTER #5				2	DW	SW
6											
7											
8											
9											
10											
11											
12											
13											
14											

RELINQUISHED BY: (Signature)
Em Phee

DATE 6-21-18
TIME 10:00 AM

RECEIVED BY: (Signature)
Em Phee

DATE 6-21-18
TIME 12:25 AM

LAB COMMENTS
Will use earliest time given

RELINQUISHED BY: (Signature)
Em Phee

DATE 6-21-18
TIME 2:30 AM

RECEIVED BY: (Signature)
Em Phee

DATE 6-22-18
TIME 09:15 AM

CONDITIONS UPON RECEIPT (check one):
 Iced Wet/Blue Ambient °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%

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

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

* Please call, expedited service not available for all testing



Eaton Analytical

Eurofins Eaton Analytical

Run Log

Run ID: 245728 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	3984244		OS	FL	07/10/2018 18:27	018L402-DAI-PFCQuant-NTA.n
CCM	3984245		OS	FL	07/10/2018 21:55	018L402-DAI-PFCQuant-NTA.n

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	--		863913	997023	ng/L	87	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-6:2-FTS-13C2	L402	N/A	--		158848	159192	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-8:2-FTS-13C2	L402	N/A	--		522487	520829	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-GenX-13C3	L402	N/A	--		21516	19340	ng/L	111	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-NEFOSAA-d5	L402	N/A	--		1096640	1022682	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-NEIFOSE-d9	L402	N/A	--		134357	144898	ng/L	93	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-NMeFOSAA-d3	L402	N/A	--		1149340	1145748	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-NMeFOSA-d3	L402	N/A	--		856043	905346	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-NMeFOSE-d7	L402	N/A	--		146912	150678	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFBA-13C4	L402	N/A	--		3978380	4200808	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFBS-13C3	L402	N/A	--		1306040	1329513	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFDA-13C2	L402	N/A	--		7043140	6356535	ng/L	111	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFHpa-13C4	L402	N/A	--		4513150	4545003	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFHXA-13C2	L402	N/A	--		7313720	7282676	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFOA-13C2	L402	N/A	--		6439840	6552108	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFOA-13C4	L402	N/A	--		2211940	2179046	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-NEFOSA-d5	L402	N/A	--		746394	823628	ng/L	91	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFHKS-13C3	L402	N/A	--		942487	922316	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFNA-13C9	L402	N/A	--		9034650	8638843	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFOA-13C2	L402	N/A	--		9018900	8675686	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFOS-13C4	L402	N/A	--		882403	869981	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFPeA-13C5	L402	N/A	--		4026010	4227073	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFTeDA-13C2	L402	N/A	--		1118840	1625391	ng/L	69	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	IS-PFUNA-13C7	L402	N/A	--		6055050	5397578	ng/L	112	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	--		316.5960	250	ng/L	127	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	--		311.9130	250	ng/L	125	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	--		269.9030	250	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	--		324.5920	250	ng/L	130	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	ADONA	L402	2.0	--		282.1560	250	ng/L	113	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	F-53B Major	L402	2.0	--		208.3160	250	ng/L	83	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	F-53B Minor	L402	2.0	--		244.3460	250	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	GenX	L402	5.0	--		719.9020	625	ng/L	115	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	n-ethylperfluorooctane sulfonamide (NEIFOS)	L402	2.0	--		254.3620	250	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	--		261.8930	250	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	--		257.1800	250	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	N-methylperfluorooctane sulfonamidoethano	L402	2.0	--		264.4730	250	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	--		257.7650	250	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	--		636.8660	625	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	--		258.4930	250	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	--		260.5300	250	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244

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	---		254.1910	250	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		266.6030	250	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorododecanoic acid (PFDDoA)	L402	2.0	---		261.8070	250	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		265.4540	250	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		257.1890	250	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	1-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		277.6510	250	ng/L	111	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	1-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		265.1650	250	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		268.9480	250	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorotridecanoic acid (PFTTDA)	L402	2.0	---		273.9520	250	ng/L	110	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		260.7430	250	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorododecanesulfonic acid (PFDDoS)	L402	2.0	---		271.5030	250	ng/L	109	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorodecanesulfonic acid (PFHdPS)	L402	2.0	---		251.6680	250	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		252.5000	250	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		295.6750	250	ng/L	118	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		832.4490	625	ng/L	133	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		749.6660	625	ng/L	120	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoro-3-methoxybutanoic acid (PFMOBA)	L402	5.0	---		725.3410	625	ng/L	116	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	---		637.5020	625	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		269.4460	250	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		259.4280	250	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		268.9270	250	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		238.6270	250	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		266.7520	250	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 18:27	3984244
CCM	IS-4-2-FTS-13C2	L402	N/A	---		1003150	997023	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-6-2-FTS-13C2	L402	N/A	---		171908	159192	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-8-2-FTS-13C2	L402	N/A	---		611021	520829	ng/L	117	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-GenX-13C3	L402	N/A	---		19298	19340	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-NEFOSAA-d5	L402	N/A	---		1078810	1022682	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-NEIFOSE-d9	L402	N/A	---		157333	144898	ng/L	109	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-NMeFOSAA-d3	L402	N/A	---		1208610	1145748	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-NMeFOSA-d3	L402	N/A	---		976414	905346	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-NMeFOSE-d7	L402	N/A	---		154620	150678	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFBA-13C4	L402	N/A	---		3919420	4200808	ng/L	93	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFBS-13C3	L402	N/A	---		1254520	1329513	ng/L	94	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFDA-13C2	L402	N/A	---		6238120	6356535	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFDoA-13C2	L402	N/A	---		4886950	4545003	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFHpA-13C4	L402	N/A	---		6925270	7282676	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFHXA-13C2	L402	N/A	---		6218310	6552108	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFOA-13C8	L402	N/A	---		2206650	2179046	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-NEFOSA-d5	L402	N/A	---		925055	823628	ng/L	112	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFHXS-13C3	L402	N/A	---		872629	922316	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245

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	IS-PFNA-13C9	L402	N/A	---		8361710	8638843	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFOA-13C2	L402	N/A	---		8310690	8675686	ng/L	96	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFOS-13C4	L402	N/A	---		846801	869981	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFPeA-13C5	L402	N/A	---		3986810	4227073	ng/L	94	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFTeDA-13C2	L402	N/A	---		2252140	1625391	ng/L	139	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	IS-PFUnA-13C7	L402	N/A	---		5464170	5397578	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		13788.2000	12500	ng/L	110	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		12920.3000	12500	ng/L	103	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		12037.2000	12500	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		13148.2000	12500	ng/L	105	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	ADONA	L402	2.0	---		12375.3000	12500	ng/L	99	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	F-53B Major	L402	2.0	---		10780.6000	12500	ng/L	86	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	F-53B Minor	L402	2.0	---		11552.1000	12500	ng/L	92	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	GenX	L402	5.0	---		30067.0000	31250	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	n-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	---		11875.3000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		11932.4000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	---		11879.0000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	N-methylperfluorooctane sulfonamidoethano	L402	2.0	---		12081.8000	12500	ng/L	97	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		11935.4000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		29801.2000	31250	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		11648.1000	12500	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		11915.0000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		11737.4000	12500	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		11949.2000	12500	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		11853.3000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorononanoic acid (PFNA)	L402	2.0	---		11945.5000	12500	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		11492.5000	12500	ng/L	92	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	l-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		12197.7000	12500	ng/L	98	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		11931.4000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		11994.7000	12500	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorotridecanoic acid (PFTTDA)	L402	2.0	---		13068.2000	12500	ng/L	105	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		11822.6000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		12663.4000	12500	ng/L	101	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		11466.3000	12500	ng/L	92	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		11862.4000	12500	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		11981.1000	12500	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		33652.8000	31250	ng/L	108	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		31273.8000	31250	ng/L	100	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		31524.0000	31250	ng/L	101	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	---		30103.7000	31250	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		12203.0000	12500	ng/L	98	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245

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	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		11786.8000	12500	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		11979.5000	12500	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		11563.9000	12500	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		12042.9000	12500	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 21:55	3984245

Eurofins Eaton Analytical

Run Log

Run ID: 245793 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	3981562		OS	FL	07/09/2018 21:04	70918L402a-PFCQuant-NTA.mc
LRB	3981551		RW	FL	07/09/2018 21:30	70918L402a-PFCQuant-NTA.mc
FBL	3981552		RW	FL	07/09/2018 21:56	70918L402a-PFCQuant-NTA.mc
FS	3969364	Filter Effluent	DW	FL	07/10/2018 03:08	70918L402a-PFCQuant-NTA.mc
FS	3969365	Biofiltration Filter #1	DW	FL	07/10/2018 03:34	70918L402a-PFCQuant-NTA.mc
LFSML	3981549	Biofiltration Filter #1	DW	FL	07/10/2018 04:00	70918L402a-PFCQuant-NTA.mc
FS	3969366	Biofiltration Filter #4	DW	FL	07/10/2018 04:26	70918L402a-PFCQuant-NTA.mc
FD	3981550	Biofiltration Filter #4	DW	FL	07/10/2018 04:52	70918L402a-PFCQuant-NTA.mc
FS	3969367	Biofiltration Filter #5	DW	FL	07/10/2018 05:18	70918L402a-PFCQuant-NTA.mc
FS	3969363	RawWaterIntake(WetWell)	DW	FL	07/10/2018 05:44	70918L402a-PFCQuant-NTA.mc
CCM	3981567		OS	FL	07/10/2018 06:10	70918L402a-PFCQuant-NTA.mc

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	--		1388590	1643916	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-6:2-FTS-13C2	L402	N/A	--		269015	277614	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-8:2-FTS-13C2	L402	N/A	--		944375	956073	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-GenX-13C3	L402	N/A	--		11623	11076	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-NEFOSAA-d5	L402	N/A	--		1400230	1359228	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-NEIFOSE-d9	L402	N/A	--		144595	172647	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-NMeFOSAA-d3	L402	N/A	--		1496290	1529216	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-NMeFOSA-d3	L402	N/A	--		922336	1052843	ng/L	88	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-NMeFOSE-d7	L402	N/A	--		160029	178805	ng/L	89	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFBA-13C4	L402	N/A	--		3949200	4329131	ng/L	91	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFBS-13C3	L402	N/A	--		1347900	1414038	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFDA-13C2	L402	N/A	--		8182910	7566685	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFDoA-13C2	L402	N/A	--		5782630	6256335	ng/L	92	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFHpa-13C4	L402	N/A	--		7697990	7925498	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFHXA-13C2	L402	N/A	--		6666390	7004700	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFOSA-13C8	L402	N/A	--		2433580	2534030	ng/L	96	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-NEFOSA-d5	L402	N/A	--		787135	961439	ng/L	82	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFHKS-13C3	L402	N/A	--		949241	953125	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFNA-13C9	L402	N/A	--		10201300	9957045	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFOA-13C2	L402	N/A	--		9833580	9691773	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFOS-13C4	L402	N/A	--		913886	928506	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFPeA-13C5	L402	N/A	--		4034820	4405270	ng/L	92	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFTeDA-13C2	L402	N/A	--		1434050	3161645	ng/L	45	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	IS-PFUaA-13C7	L402	N/A	--		7414970	6820180	ng/L	109	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	--		2.4988	2.0	ng/L	125	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	--		2.5131	2.0	ng/L	126	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	--		2.1255	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	--		2.5619	2.0	ng/L	128	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	ADONA	L402	2.0	--		2.3036	2.0	ng/L	115	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	F-53B Major	L402	2.0	--		1.6098	2.0	ng/L	80	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	F-53B Minor	L402	2.0	--		2.0407	2.0	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	GenX	L402	5.0	--		5.4703	5.0	ng/L	109	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	n-ethylperfluorooctane sulfonamide (NEIFOS)	L402	2.0	--		2.0250	2.0	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	--		2.1252	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	--		2.0635	2.0	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	N-methylperfluorooctane sulfonamidoethano	L402	2.0	--		2.1296	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	--		2.0855	2.0	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	--		5.0259	5.0	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	--		2.0771	2.0	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	--		2.0835	2.0	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562

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	---		1.9938	2.0	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		2.1572	2.0	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		2.1030	2.0	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		2.1120	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		2.0607	2.0	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	1-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.3431	2.0	ng/L	117	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	1-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.1165	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		2.1533	2.0	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---		1.4245	2.0	ng/L	71	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		2.0661	2.0	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.0855	2.0	ng/L	54	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		1.9562	2.0	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.9987	2.0	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.5054	2.0	ng/L	125	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		5.3501	5.0	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		6.1817	5.0	ng/L	124	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		5.9450	5.0	ng/L	119	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoro-3-methoxypropanoic acid (PFMOP/r)	L402	5.0	---		5.0646	5.0	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		2.1311	2.0	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		2.1130	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		2.1576	2.0	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.9691	2.0	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		2.1470	2.0	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/09/2018 21:04	3981562
LRB	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	ADONA	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	F-53B Major	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	F-53B Minor	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	GenX	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	n-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	N-methylperfluorooctane sulfonamidoethano	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551

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	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	1-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	1-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorooctanoic acid (PFOA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorooctane sulfonamide (PFNS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoropentanoic acid (PFPeA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
LRB	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/09/2018 21:30	3981551
FBL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		1.2382	2.0	ng/L	62	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		2.1261	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		2.0012	2.0	ng/L	100	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.1971	2.0	ng/L	110	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	ADONA	L402	2.0	---		2.0623	2.0	ng/L	103	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	F-53B Major	L402	2.0	---		1.3819	2.0	ng/L	69	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	F-53B Minor	L402	2.0	---		1.6715	2.0	ng/L	84	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	GenX	L402	5.0	---		4.6542	5.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	1-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	---		1.9329	2.0	ng/L	97	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.9376	2.0	ng/L	97	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	---		1.7621	2.0	ng/L	88	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	N-methylperfluorooctane sulfonamidoethano	L402	2.0	---		1.8428	2.0	ng/L	92	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		1.7484	2.0	ng/L	87	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorobutanoic acid (PFBA)	L402	2.0	---		4.4809	5.0	ng/L	90	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1.8051	2.0	ng/L	90	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.7741	2.0	ng/L	89	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		1.7259	2.0	ng/L	86	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.8634	2.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		1.8704	2.0	ng/L	94	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.8421	2.0	ng/L	92	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552

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	---		1.7563	2.0	ng/L	88	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	l-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.0398	2.0	ng/L	102	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.7836	2.0	ng/L	89	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1.9298	2.0	ng/L	96	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---		3.0205	2.0	ng/L	151	40 - 160	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoroundecanoic acid (PFUNA)	L402	2.0	---		1.8131	2.0	ng/L	91	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.3969	2.0	ng/L	70	40 - 160	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		1.3691	2.0	ng/L	68	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.6623	2.0	ng/L	83	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.1126	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		4.8336	5.0	ng/L	97	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		5.0149	5.0	ng/L	100	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.6293	5.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoro-3-methoxypropanoic acid (PFMOPri)	L402	5.0	---		4.1143	5.0	ng/L	82	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		1.4057	2.0	ng/L	70	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.8044	2.0	ng/L	90	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.8580	2.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.6844	2.0	ng/L	84	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FBL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		2.0635	2.0	ng/L	103	50 - 150	---	---	1.0	07/09/2018 08:19	07/09/2018 21:56	3981552
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	ADONA	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	F-53B Major	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	F-53B Minor	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	GenX	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	n-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	N-methylperfluorooctane sulfonamidoethano	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Filter Effluent	<	2.7		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Filter Effluent	<	15		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Filter Effluent	<	7.8		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	17		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	17		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	l-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364

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	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Filter Effluent		3.4		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoroheptanesulfonic acid (PFHps)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Filter Effluent		19		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 03:08	3969364
FS	10,2-Fluorotetramer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	4:2-Fluorotetramer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	6:2-Fluorotetramer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	8:2-Fluorotetramer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	ADONA	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	F-53B Major	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	F-53B Minor	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	GenX	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	n-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	n-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	N-methylperfluorooctane sulfonamidoethano	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #1	<	15		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoroheptanoic acid (PFHpa)	L402	2.0	Biofiltration Filter #1	<	2.5		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #1	<	11		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	n-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	n-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365

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	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoroheptanesulfonic acid (PFHPS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorohexadecanoic acid (PFHADA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorooctanesulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #1	<	16		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.91	07/09/2018 08:19	07/10/2018 03:34	3969365
LFSMIL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #1		0.8849	2.0	ng/L	44	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #1		2.2549	2.0	ng/L	113	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #1		2.2447	2.0	ng/L	112	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #1		2.2876	2.0	ng/L	114	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	ADONA	L402	2.0	Biofiltration Filter #1		2.3785	2.0	ng/L	119	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	F-53B Major	L402	2.0	Biofiltration Filter #1		1.6227	2.0	ng/L	81	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	F-53B Minor	L402	2.0	Biofiltration Filter #1		2.8109	2.0	ng/L	141	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	GenX	L402	5.0	Biofiltration Filter #1		5.7766	5.0	ng/L	116	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	n-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	Biofiltration Filter #1		1.8216	2.0	ng/L	91	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #1		1.8643	2.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	Biofiltration Filter #1		1.8127	2.0	ng/L	91	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	N-methylperfluorooctane sulfonamidoethano	L402	2.0	Biofiltration Filter #1		1.9473	2.0	ng/L	97	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #1		3.1882	2.0	ng/L	159	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #1		21.0913	19.9731	ng/L	122	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #1		1.8599	2.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #1		4.7798	4.53885	ng/L	112	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #1		1.9037	2.0	ng/L	95	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #1		13.7161	12.7378	ng/L	149	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #1		1.8520	2.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #1		1.9282	2.0	ng/L	96	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #1		1.8764	2.0	ng/L	94	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	n-ethyl Perfluorooctanesulfonamidoacetic ac	L402	2.0	Biofiltration Filter #1		2.1576	2.0	ng/L	108	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	n-methyl Perfluorooctanesulfonamidoacetic ac	L402	2.0	Biofiltration Filter #1		1.7354	2.0	ng/L	87	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #1		2.5881	2.0	ng/L	129	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Biofiltration Filter #1		2.6827	2.0	ng/L	134	40 - 160	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSMIL	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Biofiltration Filter #1		1.8429	2.0	ng/L	92	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549

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	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filler #1		2.1350	2.0	ng/L	107	40 - 160	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filler #1		1.4199	2.0	ng/L	71	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filler #1		1.6636	2.0	ng/L	83	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filler #1		2.1064	2.0	ng/L	105	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filler #1		6.2767	5.0	ng/L	126	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filler #1		5.0438	5.0	ng/L	101	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filler #1		4.8936	5.0	ng/L	98	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	Biofiltration Filler #1		5.8993	5.0	ng/L	118	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filler #1		1.3451	2.0	ng/L	67	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filler #1		1.8173	2.0	ng/L	91	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filler #1		19.8270	18.3597	ng/L	173	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filler #1		1.7429	2.0	ng/L	87	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
LFSML	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filler #1		1.9480	2.0	ng/L	97	50 - 150	---	---	1.0	07/09/2018 08:19	07/10/2018 04:00	3981549
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	ADONA	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	F-53B Major	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	F-53B Minor	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	GenX	L402	5.0	Biofiltration Filler #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	n-ethylperfluorooctane sulfonamide (NEIFOS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	N-methylperfluorooctane sulfonamidoethano	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filler #4	<	2.5		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filler #4	<	15		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoroheptanoic acid (PFHxA)	L402	2.0	Biofiltration Filler #4	<	6.1		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filler #4	<	16		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorooctanesulfonamidoacetic ac	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filler #4	<	2.2		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filler #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366

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 Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorooctanesulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4	<	19		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:26	3969366
FD	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	ADONA	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	F-53B Major	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	F-53B Minor	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	GenX	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	n-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	N-methylperfluorooctane sulfonamidoethano	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #4	<	2.51		ng/L	---	---	0.0	50	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #4	<	14.8		ng/L	---	---	0.5	50	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #4	<	6.12		ng/L	---	---	0.1	50	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	16.1		ng/L	---	---	0.8	50	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	[n-ethyl] Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	[methyl] Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorododecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.22		ng/L	---	---	0.3	50	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorotridecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550

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	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4	<	18.5		ng/L	---	---	0.9	50	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FD	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 04:52	3981550
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	ADONA	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	F-53B Major	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	F-53B Minor	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	GenX	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	n-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	n-methylperfluorooctane sulfonamide (NMeFO)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	N-methylperfluorooctane sulfonamidoethano	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #5	<	2.7		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #5	<	14		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	7.1		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	17		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorododecanoic acid (PFDDoA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	l-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	n-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #5	<	3.2		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorododecanesulfonic acid (PFDDoS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367

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	p-fluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	efluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorooxane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #5	<	18		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.9	07/09/2018 08:19	07/10/2018 05:18	3969367
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	ADONA	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	F-53B Major	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	F-53B Minor	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	GenX	L402	5.0	RawWaterIntake(WetWell)	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	n-ethylperfluorooxane sulfonamide (NEIFOS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	N-ethylperfluorooxane sulfonamidoethanol	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	nethylperfluorooxane sulfonamide (NMeFO)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	N-methylperfluorooxane sulfonamidoethano	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	RawWaterIntake(WetWell)	<	4.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	RawWaterIntake(WetWell)	<	17		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	RawWaterIntake(WetWell)	<	2.2		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorooxane sulfonic acid (PFHxS)	L402	2.0	RawWaterIntake(WetWell)	<	15		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	RawWaterIntake(WetWell)	<	3.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	RawWaterIntake(WetWell)	<	23		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorononanoic acid (PFNA)	L402	2.0	RawWaterIntake(WetWell)	<	2.3		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorooxanesulfonic acid (PFOS)	L402	2.0	RawWaterIntake(WetWell)	<	10		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	l-ethyl Perfluorooxanesulfonamidoacetic acid	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	methyl Perfluorooxanesulfonamidoacetic acid	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorooxane sulfonic acid (PFOSA)	L402	2.0	RawWaterIntake(WetWell)	<	10		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorohexadecanesulfonic acid (PFHxPS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	RawWaterIntake(WetWell)	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	RawWaterIntake(WetWell)	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	p-fluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	RawWaterIntake(WetWell)	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	erfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	RawWaterIntake(WetWell)	<	5.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	RawWaterIntake(WetWell)		22		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	RawWaterIntake(WetWell)	<	2.0		ng/L	---	---	---	---	0.92	07/09/2018 08:19	07/10/2018 05:44	3969363
CCM	IS-4:2-FTS-13C2	L402	N/A	---		892896	1643916	ng/L	54	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-6:2-FTS-13C2	L402	N/A	---		131954	277614	ng/L	48	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-8:2-FTS-13C2	L402	N/A	---		421552	956073	ng/L	44	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-GenX-13C3	L402	N/A	---		17253	11076	ng/L	156	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-NEFOSAA-d5	L402	N/A	---		900440	1359228	ng/L	66	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-NEFOSE-d9	L402	N/A	---		150775	172647	ng/L	87	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-NMeFOSAA-d3	L402	N/A	---		1034080	1529216	ng/L	68	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-NMeFOSA-d3	L402	N/A	---		956137	1052843	ng/L	91	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-NMeFOSE-d7	L402	N/A	---		149690	178805	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFBA-13C4	L402	N/A	---		3858880	4329131	ng/L	89	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFBS-13C3	L402	N/A	---		1293960	1414038	ng/L	92	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFDA-13C2	L402	N/A	---		5964370	7586685	ng/L	79	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFDaA-13C2	L402	N/A	---		4349270	6256335	ng/L	70	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFHpA-13C4	L402	N/A	---		6871940	7925498	ng/L	87	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFHxA-13C2	L402	N/A	---		6170840	7004700	ng/L	88	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFOA-13C8	L402	N/A	---		2034460	2534030	ng/L	80	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-NEFOSA-d5	L402	N/A	---		916855	961439	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFHKS-13C3	L402	N/A	---		861415	953125	ng/L	90	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFNA-13C9	L402	N/A	---		8095300	9957045	ng/L	81	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFOA-13C2	L402	N/A	---		8145560	9691773	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFOS-13C4	L402	N/A	---		820699	928506	ng/L	88	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFPeA-13C5	L402	N/A	---		3973930	4405270	ng/L	90	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFTeDA-13C2	L402	N/A	---		1792780	3161645	ng/L	57	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	IS-PFUaA-13C7	L402	N/A	---		5106790	6820180	ng/L	75	50 - 150	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		94.7317	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		104.3040	100	ng/L	104	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		93.0335	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		104.0720	100	ng/L	104	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	ADONA	L402	2.0	---		104.1270	100	ng/L	104	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	F-53B Major	L402	2.0	---		94.6868	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	F-53B Minor	L402	2.0	---		97.6917	100	ng/L	98	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	GenX	L402	5.0	---		234.7920	250	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	-ethylperfluorooctane sulfonamide (NEFOS/	L402	2.0	---		95.1848	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		98.0873	100	ng/L	98	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	nethylperfluorooctane sulfonamide (NMeFO/	L402	2.0	---		95.4293	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	N-methylperfluorooctane sulfonamidoethano	L402	2.0	---		97.9736	100	ng/L	98	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567

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	---		96.7386	100	ng/L	97	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		235.0670	250	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		94.6467	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		93.9494	100	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		93.3161	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		95.7465	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		95.3628	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorononanoic acid (PFNA)	L402	2.0	---		96.3696	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		92.6469	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	1-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		102.5010	100	ng/L	103	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	1-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		92.6509	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		96.3663	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---		70.0100	100	ng/L	70	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		94.7620	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		85.5804	100	ng/L	86	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorodecanesulfonic acid (PFHpS)	L402	2.0	---		121.1770	100	ng/L	121	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		93.3683	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoro-2-methoxyethoxyacetic acid	L402	2.0	---		93.3997	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		315.4940	250	ng/L	126	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoro-2-methoxybutanoic acid	L402	5.0	---		247.2070	250	ng/L	99	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoro-3-methoxypropanoic acid (PFMOBA)	L402	5.0	---		250.9600	250	ng/L	100	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	---		233.9360	250	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		94.7165	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		94.3213	100	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		95.3505	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		91.9939	100	ng/L	92	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		94.5210	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/10/2018 06:10	3981567



Eaton Analytical

Eurofins Eaton Analytical

Run Log

Run ID: 245797 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	3988118		OS	FL	07/13/2018 20:56	\\71318L402-CF-wastewater.mdt
CCM	3988119		OS	FL	07/13/2018 23:06	\\71318L402-CF-wastewater.mdt

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-PFHXA-13C2	L402	N/A	--		6489510	6674511	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/13/2018 20:56	3988118
CCL	Perfluorohexanoic acid (PFHXA)	L402	2.0	--		2.1180	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/13/2018 20:56	3988118
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	--		6.9988	5.0	ng/L	140	50 - 150	---	---	1.0	07/09/2018 12:47	07/13/2018 20:56	3988118
CCM	IS-PFHXA-13C2	L402	N/A	--		6695640	6674511	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/13/2018 23:06	3988119
CCM	Perfluorohexanoic acid (PFHXA)	L402	2.0	--		95.3241	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/13/2018 23:06	3988119
CCM	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	--		271.2780	250	ng/L	109	70 - 130	---	---	1.0	07/09/2018 12:47	07/13/2018 23:06	3988119



Eaton Analytical

Eurofins Eaton Analytical

Run Log

Run ID: 245923 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	3989010		OS	FL	07/16/2018 20:10	071618L402a-PFCQuant.mdb
LRB	3988997		RW	FL	07/16/2018 20:36	071618L402a-PFCQuant.mdb
FBL	3988998		RW	FL	07/16/2018 21:03	071618L402a-PFCQuant.mdb
CCM	3989011		OS	FL	07/17/2018 01:51	071618L402a-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	--		1091570	1261043	ng/L	87	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-6:2-FTS-13C2	L402	N/A	--		209169	210914	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-8:2-FTS-13C2	L402	N/A	--		705311	712323	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-GenX-13C3	L402	N/A	--		19109	16868	ng/L	113	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-NEFOSAA-d5	L402	N/A	--		1347060	1249193	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-NEIFOSE-d9	L402	N/A	--		122013	133874	ng/L	91	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-NMeFOSAA-d3	L402	N/A	--		1417120	1394753	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-NMeFOSA-d3	L402	N/A	--		680123	750723	ng/L	91	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-NMeFOSE-d7	L402	N/A	--		140522	144745	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFBA-13C4	L402	N/A	--		3882040	4125016	ng/L	94	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFBS-13C3	L402	N/A	--		1291660	1320481	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFDA-13C2	L402	N/A	--		7576030	6910136	ng/L	110	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFDoA-13C2	L402	N/A	--		4986060	5080096	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFHpa-13C4	L402	N/A	--		7658980	7664775	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFHXA-13C2	L402	N/A	--		6553220	6752171	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFOSA-13C8	L402	N/A	--		2259800	2265156	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-NEFOSA-d5	L402	N/A	--		491383	584223	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFHKS-13C3	L402	N/A	--		931115	923612	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFNA-13C9	L402	N/A	--		9704130	9365188	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFOA-13C2	L402	N/A	--		9580550	9243513	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFOS-13C4	L402	N/A	--		885774	889003	ng/L	100	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFPeA-13C5	L402	N/A	--		4033720	4227388	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFTeDA-13C2	L402	N/A	--		1398520	1824303	ng/L	77	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	IS-PFUaA-13C7	L402	N/A	--		6541630	6004205	ng/L	109	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	--		2.3678	2.0	ng/L	118	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	--		2.4780	2.0	ng/L	124	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	--		2.1070	2.0	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	--		2.5041	2.0	ng/L	125	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	ADONA	L402	2.0	--		2.2599	2.0	ng/L	113	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	F-53B Major	L402	2.0	--		1.6738	2.0	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	F-53B Minor	L402	2.0	--		1.9883	2.0	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	GenX	L402	5.0	--		4.9310	5.0	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	n-ethylperfluorooctane sulfonamide (NEIFOS)	L402	2.0	--		1.8543	2.0	ng/L	93	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	--		2.1245	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	--		2.0461	2.0	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	N-methylperfluorooctane sulfonamidoethano	L402	2.0	--		2.1910	2.0	ng/L	110	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	--		2.0670	2.0	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	--		5.1756	5.0	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	--		2.0836	2.0	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	--		2.0744	2.0	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010

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	---		2.0108	2.0	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		2.1579	2.0	ng/L	108	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		2.1020	2.0	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		2.1226	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		2.0313	2.0	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	1-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.2367	2.0	ng/L	112	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	1-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.1204	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		2.1270	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---		1.9545	2.0	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		2.0914	2.0	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		2.0673	2.0	ng/L	103	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorodecanesulfonic acid (PFHxPS)	L402	2.0	---		2.2174	2.0	ng/L	111	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoroheptanesulfonic acid (PFHpA)	L402	2.0	---		2.0245	2.0	ng/L	101	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.2555	2.0	ng/L	113	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		7.2746	5.0	ng/L	145	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		6.1022	5.0	ng/L	122	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		5.6640	5.0	ng/L	113	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	---		5.3344	5.0	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		1.8212	2.0	ng/L	91	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		2.0792	2.0	ng/L	104	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		2.1140	2.0	ng/L	106	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.9465	2.0	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		2.1985	2.0	ng/L	110	50 - 150	---	---	1.0	07/09/2018 12:47	07/16/2018 20:10	3989010
LRB	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	ADONA	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	F-53B Major	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	F-53B Minor	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	GenX	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	1-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	N-methylperfluorooctane sulfonamidoethano	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997

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	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	1-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	1-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorooctanoic acid (PFOA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoro-3-methoxypropanoic acid (PFMOPri)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorooctanesulfonamide (PFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorooctanesulfonamide (PFPeA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
LRB	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.95	07/16/2018 06:35	07/16/2018 20:36	3988997
FBL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		2.5116	2.0	ng/L	126	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		2.2297	2.0	ng/L	111	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		1.9464	2.0	ng/L	97	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.2858	2.0	ng/L	114	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	ADONA	L402	2.0	---		2.3019	2.0	ng/L	115	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	F-53B Major	L402	2.0	---		1.3615	2.0	ng/L	68	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	F-53B Minor	L402	2.0	---		1.9515	2.0	ng/L	98	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	GenX	L402	5.0	---		4.3778	5.0	ng/L	88	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	1-ethylperfluorooctane sulfonamide (NEFOS)	L402	2.0	---		1.9975	2.0	ng/L	100	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.9557	2.0	ng/L	98	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	nethylperfluorooctane sulfonamide (NMeFO)	L402	2.0	---		2.5197	2.0	ng/L	126	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	N-methylperfluorooctane sulfonamidoethano	L402	2.0	---		2.0050	2.0	ng/L	100	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		1.8335	2.0	ng/L	92	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorobutanoic acid (PFBA)	L402	5.0	---		4.7769	5.0	ng/L	96	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1.8790	2.0	ng/L	94	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.8582	2.0	ng/L	93	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		1.8169	2.0	ng/L	91	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.9643	2.0	ng/L	98	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		1.8913	2.0	ng/L	95	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.9280	2.0	ng/L	96	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998

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	---		1.9016	2.0	ng/L	95	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	l-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.1359	2.0	ng/L	107	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8479	2.0	ng/L	92	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		2.0027	2.0	ng/L	100	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorotridecanoic acid (PFTTDA)	L402	2.0	---		1.8107	2.0	ng/L	91	40 - 160	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoroundecanoic acid (PFUNA)	L402	2.0	---		1.8937	2.0	ng/L	95	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.6514	2.0	ng/L	83	40 - 160	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		1.6000	2.0	ng/L	80	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.5590	2.0	ng/L	78	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.1517	2.0	ng/L	108	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		6.3431	5.0	ng/L	127	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		5.4068	5.0	ng/L	108	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		5.0448	5.0	ng/L	101	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoro-3-methoxypropanoic acid (PFMOPri)	L402	5.0	---		4.8701	5.0	ng/L	97	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		2.1447	2.0	ng/L	107	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.9212	2.0	ng/L	96	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.9226	2.0	ng/L	96	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.7120	2.0	ng/L	86	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
FBL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		2.7982	2.0	ng/L	140	50 - 150	---	---	1.0	07/16/2018 06:35	07/16/2018 21:03	3988998
CCM	IS-4-2-FTS-13C2	L402	N/A	---		955277	1261043	ng/L	76	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-6-2-FTS-13C2	L402	N/A	---		142516	210914	ng/L	68	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-8-2-FTS-13C2	L402	N/A	---		471864	712323	ng/L	66	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-GenX-13C3	L402	N/A	---		19838	16868	ng/L	118	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-NEFOSAA-d5	L402	N/A	---		1053180	1249193	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-NEIPOSE-d9	L402	N/A	---		142899	133874	ng/L	107	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-NMeFOSAA-d3	L402	N/A	---		1167560	1394753	ng/L	84	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-NMeFOSA-d3	L402	N/A	---		787771	750723	ng/L	105	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-NMeFOSE-d7	L402	N/A	---		147715	144745	ng/L	102	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFBA-13C4	L402	N/A	---		4010490	4125016	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFBS-13C3	L402	N/A	---		1308610	1320481	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFDA-13C2	L402	N/A	---		6329420	6910136	ng/L	92	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFDoA-13C2	L402	N/A	---		4657940	5080096	ng/L	92	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFHpa-13C4	L402	N/A	---		7272270	7664775	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFHXA-13C2	L402	N/A	---		6517970	6752171	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFOA-13C8	L402	N/A	---		2145300	2265156	ng/L	95	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-NEFOSA-d5	L402	N/A	---		654290	584223	ng/L	112	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFHKS-13C3	L402	N/A	---		901823	923612	ng/L	98	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFNA-13C9	L402	N/A	---		8605470	9365188	ng/L	92	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFOA-13C2	L402	N/A	---		8631710	9243513	ng/L	93	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFOS-13C4	L402	N/A	---		861833	889003	ng/L	97	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFPeA-13C5	L402	N/A	---		4165780	4227388	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011

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	IS-PFTeDA-13C2	L402	N/A	---		1799220	1824303	ng/L	99	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	IS-PFUnA-13C7	L402	N/A	---		5475560	6004205	ng/L	91	50 - 150	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		70.1639	100	ng/L	70	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		101.5500	100	ng/L	102	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		96.0236	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		103.6780	100	ng/L	104	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	ADONA	L402	2.0	---		103.6590	100	ng/L	104	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	F-53B Major	L402	2.0	---		93.0087	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	F-53B Minor	L402	2.0	---		92.5443	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	GenX	L402	5.0	---		229.9630	250	ng/L	92	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	-ethylperfluorooctane sulfonamide (NEFOS/	L402	2.0	---		101.0290	100	ng/L	101	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		94.7214	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	nethylperfluorooctane sulfonamide (NMeFO/	L402	2.0	---		96.2887	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	N-methylperfluorooctane sulfonamidoethano	L402	2.0	---		95.9653	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		94.6163	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		238.2990	250	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		94.2348	100	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorooctanoic acid (PFHpA)	L402	2.0	---		94.8083	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorohexanoic acid (PFHxS)	L402	2.0	---		93.9075	100	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		95.5512	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorodecanoic acid (PFDoA)	L402	2.0	---		95.1782	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorononanoic acid (PFNA)	L402	2.0	---		94.9827	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		92.7171	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorooctanesulfonamidoacetic ac	L402	2.0	---		98.7179	100	ng/L	99	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorooctanesulfonamidoacetic ac	L402	2.0	---		95.1092	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		95.4341	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		85.6343	100	ng/L	86	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		93.9024	100	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		96.5393	100	ng/L	97	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		101.6050	100	ng/L	102	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		93.1241	100	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		95.9872	100	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		271.0370	250	ng/L	108	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		245.1860	250	ng/L	98	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		240.1430	250	ng/L	96	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPr)	L402	5.0	---		233.5810	250	ng/L	93	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		96.5458	100	ng/L	97	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		94.1937	100	ng/L	94	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		95.0404	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		90.2483	100	ng/L	90	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		94.9769	100	ng/L	95	70 - 130	---	---	1.0	07/09/2018 12:47	07/17/2018 01:51	3989011

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD Limit	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #

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