

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
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 Fax: (574) 233-8207
 1 800 332 4345

Laboratory Report

Client: Cary/Apex WTP

 Attn: Rachel Monschein
 1400 Wimberly Road
 Apex, NC 27523

Report: 414338
 Priority: Standard Written
 Status: Final
 PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3916945	Raw Water Intake(Wet Well)	L402	04/19/18 02:32	Client	04/20/18 10:00
3916946	Filter Effluent	L402	04/19/18 09:07	Client	04/20/18 10:00
3916947	Biofiltration Filter #1	L402	04/19/18 09:49	Client	04/20/18 10:00
3916948	Biofiltration Filter #4	L402	04/19/18 09:52	Client	04/20/18 10:00
3916949	Biofiltration Filter #5	L402	04/19/18 09:50	Client	04/20/18 10:00

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

05/08/2018

Date

Client Name: Cary/Apex WTP
 Report #: 414338

Sampling Point: Raw Water Intake(Wet Well)

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	4.7	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	20	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	2.4	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	26	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	4.2	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	39	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	3.3	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	13	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	16	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	33	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:14	3916945

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	05/02/18 08:15	05/02/18 22:40	3916946
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	16	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	6.5	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	18	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	2.3	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	23	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 22:40	3916946

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	05/02/18 08:15	05/02/18 23:06	3916947
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	11	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	4.5	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	9.4	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:06	3916947

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	05/02/18 08:15	05/02/18 23:32	3916948
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	16	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	5.7	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	17	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	3.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	23	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:32	3916948

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	05/02/18 08:15	05/02/18 23:58	3916949
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	17	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	6.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	18	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	2.4	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	24	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	05/02/18 08:15	05/02/18 23:58	3916949

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

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

Lab Definitions

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

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

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

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

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

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

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

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

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

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

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



Eaton Analytical

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South Bend, IN 46617
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Order # 342000
Batch # 414338

www.eatonanalytical.com

CHAIN OF CUSTODY RECORD

Page 1 of 1

Shaded area for EEA use only

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#		MATRIX CODE	TURNAROUND TIME
					CHLORINATED	NO		
Rachel Monschien 1400 Wimberly Rd Apex NC 27523	<i>Rhee</i>	NC0392020	NC	PFAS'S	YES	NO		
TOWN OF CARY FINANCE: A.P P.O. BOX 8005 CARY, NC 27512-8005	COMPLIANCE MONITORING	POPULATION SERVED	SOURCE WATER	SAMPLE REMARKS	CHLORINATED			
	Yes	No	JORDAN LAKE	TEST NAME	YES	NO		
LAB Number	SAMPLING SITE							
	DATE	TIME	AM	PM				
1	<u>3916</u>	<u>945</u>	X		RAW WATER INTAKE (WET WELL)			
2		<u>9:07</u>	X		FILTER EFFLUENT			
3		<u>9:49</u>	X		BIOFILTRATION FILTER #1			
4			X		BIOFILTRATION FILTER #3			
5		<u>9:52</u>	X		BIOFILTRATION FILTER #4			
6		<u>9:50</u>	X		BIOFILTRATION FILTER #5			
7								
8								
9								
10								
11								
12								
13								
14								

Cross Off on COC by Client

RELINQUISHED BY: (Signature)	DATE	TIME	AM	PM	RECEIVED BY: (Signature)	DATE	TIME	AM	PM	LAB COMMENTS
<i>Rhee</i>	<u>4/19/18</u>	<u>10:00</u>			<i>Rhee</i>	<u>4/19/18</u>	<u>2:35</u>			
<i>[Signature]</i>	<u>4/19/18</u>	<u>4:50</u>			<i>[Signature]</i>					
<i>[Signature]</i>					<i>[Signature]</i>	<u>4/20/18</u>	<u>10:00</u>			

MATRIX CODES:	TURN-AROUND TIME (TAT) - SURCHARGES	CONDITIONS UPON RECEIPT (check one):	°C Upon Receipt
DW-DRINKING WATER RW-REAGENT WATER GW-GROUND WATER EW-EXPOSURE WATER SW-SURFACE WATER PW-POOL WATER WW-WASTE WATER	SW = Standard Written: (15 working days) 0% RV* = Rush Verbal: (5 working days) 50% RW* = Rush Written: (5 working days) 75%	X Ice: <u>Blue</u> Ambient: <u>0.8</u>	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

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

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

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

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

06-LO-FO435 Issue 4.0 Effective Date: 2014-05-01

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

Eurofins Eaton Analytical

Run Log

Run ID: 242896 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	3925978		OS	FL	05/02/2018 20:56	050218L402a-PFCQuant-NTA.mdb
LRB	3925967		RW	FL	05/02/2018 21:22	050218L402a-PFCQuant-NTA.mdb
FBL	3925968		RW	FL	05/02/2018 21:48	050218L402a-PFCQuant-NTA.mdb
FS	3916945	Raw Water Intake(Wet Well)	DW	FL	05/02/2018 22:14	050218L402a-PFCQuant-NTA.mdb
FS	3916946	Filter Effluent	DW	FL	05/02/2018 22:40	050218L402a-PFCQuant-NTA.mdb
FS	3916947	Biofiltration Filter #1	DW	FL	05/02/2018 23:06	050218L402a-PFCQuant-NTA.mdb
FS	3916948	Biofiltration Filter #4	DW	FL	05/02/2018 23:32	050218L402a-PFCQuant-NTA.mdb
FS	3916949	Biofiltration Filter #5	DW	FL	05/02/2018 23:58	050218L402a-PFCQuant-NTA.mdb
CCM	3925980		OS	FL	05/03/2018 03:52	050218L402a-PFCQuant-NTA.mdb

QC Summary Report

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCL	IS-4:2-FTS-13C2	L402	N/A	---		826807	951736	ng/L	87	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-6:2-FTS-13C2	L402	N/A	---		87158	91963	ng/L	95	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-8:2-FTS-13C2	L402	N/A	---		316862	344623	ng/L	92	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-GenX-13C3	L402	N/A	---		43413	35989	ng/L	121	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-NEFOSAA-d5	L402	N/A	---		889706	815789	ng/L	109	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-NEFOSE-d9	L402	N/A	---		88580	97486	ng/L	91	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-NMeFOSAA-d3	L402	N/A	---		1045540	1008283	ng/L	104	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-NMeFOSA-d3	L402	N/A	---		630504	676806	ng/L	93	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-NMeFOSE-d7	L402	N/A	---		109818	107938	ng/L	102	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFBA-13C4	L402	N/A	---		5568440	5548250	ng/L	100	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFBS-13C3	L402	N/A	---		1280660	1247120	ng/L	103	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFDA-13C2	L402	N/A	---		4601870	4221528	ng/L	109	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFDoA-13C2	L402	N/A	---		3065560	2967078	ng/L	103	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFHpa-13C4	L402	N/A	---		8609680	8420338	ng/L	102	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFHXA-13C2	L402	N/A	---		7633120	7504108	ng/L	102	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFOSA-13C8	L402	N/A	---		1470100	1503763	ng/L	98	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-NEFOSA-d5	L402	N/A	---		494173	539329	ng/L	92	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFHXS-13C3	L402	N/A	---		945073	929729	ng/L	102	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFNA-13C9	L402	N/A	---		5396940	5453575	ng/L	99	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFOA-13C2	L402	N/A	---		7934940	7896853	ng/L	100	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFOS-13C4	L402	N/A	---		649651	637474	ng/L	102	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFPeA-13C5	L402	N/A	---		5178170	5177203	ng/L	100	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFTeDA-13C2	L402	N/A	---		822711	1298040	ng/L	63	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	IS-PFUaA-13C7	L402	N/A	---		3829040	3425041	ng/L	112	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		1.9865	2.0	ng/L	99	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		2.2349	2.0	ng/L	112	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		1.9416	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.2643	2.0	ng/L	113	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	ADONA	L402	2.0	---		1.9143	2.0	ng/L	96	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	F-53B Major	L402	2.0	---		1.8123	2.0	ng/L	91	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	F-53B Minor	L402	2.0	---		1.9361	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	GenX	L402	5.0	---		4.4792	5.0	ng/L	90	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		1.8650	2.0	ng/L	93	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		2.0242	2.0	ng/L	101	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		1.8844	2.0	ng/L	94	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.9675	2.0	ng/L	98	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		1.8628	2.0	ng/L	93	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	---		4.6943	5.0	ng/L	94	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1.8245	2.0	ng/L	91	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.9203	2.0	ng/L	96	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978

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	---		1.8300	2.0	ng/L	91	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.9315	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorodecanoic acid (PFDoA)	L402	2.0	---		1.8486	2.0	ng/L	92	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.9407	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1.8561	2.0	ng/L	93	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2.0235	2.0	ng/L	101	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8298	2.0	ng/L	91	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorodecanesulfonic acid (PFDoS)	L402	2.0	---		1.9409	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorotridecanesulfonic acid (PFTrDA)	L402	2.0	---		2.0803	2.0	ng/L	104	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1.8639	2.0	ng/L	93	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		1.8991	2.0	ng/L	95	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		2.0804	2.0	ng/L	104	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.7220	2.0	ng/L	86	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.2759	2.0	ng/L	114	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		5.3737	5.0	ng/L	107	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		5.3274	5.0	ng/L	107	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.9176	5.0	ng/L	98	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		5.1374	5.0	ng/L	103	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		2.0959	2.0	ng/L	105	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.8697	2.0	ng/L	93	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.9325	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		1.7433	2.0	ng/L	87	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		1.9470	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/02/2018 20:56	3925978
LRB	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	ADONA	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	F-53B Major	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	F-53B Minor	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	GenX	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
LRB	Perfluorodecanoic acid (PFDoA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorooctanoic acid (PFOA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoropentanoic acid (PFPeA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
LRB	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 21:22	3925967
FBL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	1.9581	2.0	ng/L	98	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0999	2.0	ng/L	110	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.2593	2.0	ng/L	113	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.1399	2.0	ng/L	107	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	ADONA	L402	2.0	---	<	2.0247	2.0	ng/L	101	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	F-53B Major	L402	2.0	---	<	1.8340	2.0	ng/L	92	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	F-53B Minor	L402	2.0	---	<	2.3337	2.0	ng/L	117	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	GenX	L402	5.0	---	<	4.4501	5.0	ng/L	89	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---	<	1.7668	2.0	ng/L	88	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0932	2.0	ng/L	105	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---	<	1.9523	2.0	ng/L	98	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0464	2.0	ng/L	102	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	1.8774	2.0	ng/L	94	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorobutanoic acid (PFBA)	L402	5.0	---	<	4.7112	5.0	ng/L	94	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	1.8010	2.0	ng/L	90	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	1.9152	2.0	ng/L	96	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	1.8154	2.0	ng/L	91	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	1.9306	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorodecanoic acid (PFDoA)	L402	2.0	---	<	1.8924	2.0	ng/L	95	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	1.9311	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968

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	---		1.8796	2.0	ng/L	94	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.9870	2.0	ng/L	99	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8497	2.0	ng/L	92	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		2.4958	2.0	ng/L	125	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorodecanoic acid (PFTrDA)	L402	2.0	---		2.5143	2.0	ng/L	126	40 - 160	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1.8489	2.0	ng/L	92	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		3.5084	2.0	ng/L	175	40 - 160	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		1.7680	2.0	ng/L	88	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorohexanesulfonic acid (PFHps)	L402	2.0	---		1.7208	2.0	ng/L	86	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.0705	2.0	ng/L	104	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		5.864	5.0	ng/L	112	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		5.1563	5.0	ng/L	103	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.7873	5.0	ng/L	96	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		5.0188	5.0	ng/L	100	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		1.8425	2.0	ng/L	92	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.8892	2.0	ng/L	94	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.9447	2.0	ng/L	97	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.7546	2.0	ng/L	88	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FBL	Perfluorotetradecanoic acid (PFTrDA)	L402	2.0	---		2.0253	2.0	ng/L	101	50 - 150	---	---	1.0	05/02/2018 08:15	05/02/2018 21:48	3925968
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	ADONA	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	F-53B Major	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	F-53B Minor	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	GenX	L402	5.0	Raw Water Intake(Wet Well)	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Raw Water Intake(Wet Well)	<	4.7		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Raw Water Intake(Wet Well)		20		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Raw Water Intake(Wet Well)		2.4		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Raw Water Intake(Wet Well)		26		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorohexanesulfonic acid (PFHXS)	L402	2.0	Raw Water Intake(Wet Well)		4.2		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorohexanoic acid (PFHXA)	L402	2.0	Raw Water Intake(Wet Well)		39		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Raw Water Intake(Wet Well)		3.3		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Raw Water Intake(Wet Well)		13		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake(Wet Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Raw Water Intake(Wet/Well)	<	16		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorotridecanoic acid (PFTDA)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Raw Water Intake(Wet/Well)	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Raw Water Intake(Wet/Well)	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Raw Water Intake(Wet/Well)	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Raw Water Intake(Wet/Well)	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Raw Water Intake(Wet/Well)	<	33		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluoropentanesulfonic acid (PFPS)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Raw Water Intake(Wet/Well)	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:14	3916945
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	ADONA	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	F-53B Major	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	F-53B Minor	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	GenX	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Filter Effluent	<	16		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	6.5		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	18		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Filter Effluent	<	2.3		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	Perfluorodecanoic acid (PFTrDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Filter Effluent	<	23		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.92	05/02/2018 08:15	05/02/2018 22:40	3916946
FS	10,2-Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	4,2-Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	6,2-Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	8,2-Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	ADONA	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	F-53B Major	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	F-53B Minor	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	GenX	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #1	<	4.5		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	Perfluorodecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #1	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #1	<	9.4		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #1	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:06	3916947
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	ADONA	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	F-53B Major	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	F-53B Minor	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	GenX	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #4	<	16		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #4	<	5.7		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	17		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #4	<	3.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorononanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4	<	23		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.94	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916948
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	ADONA	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	F-53B Major	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	F-53B Minor	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	GenX	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorobutanoic acid (PFBA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #5	<	17		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	6.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #5	<	18		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #5	<	2.4		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:32	3916949

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.93	05/02/2018 08:15	05/02/2018 23:58	3916949
CCM	IS-4:2-FTS-13C2	L402	N/A	---		736605	951736	ng/L	77	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-6:2-FTS-13C2	L402	N/A	---		69497	91963	ng/L	76	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-8:2-FTS-13C2	L402	N/A	---		244047	344623	ng/L	71	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-GenX-13C3	L402	N/A	---		51978	36989	ng/L	144	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-NEIFOSAA-d5	L402	N/A	---		716379	815789	ng/L	88	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-NEIFOSE-d9	L402	N/A	---		81801	97496	ng/L	84	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-NMeFOSAA-d3	L402	N/A	---		884372	1008283	ng/L	88	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-NMeFOSA-d3	L402	N/A	---		618892	676806	ng/L	91	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-NMeFOSE-d7	L402	N/A	---		92852	107938	ng/L	86	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFBA-13C4	L402	N/A	---		5744230	5548250	ng/L	104	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFBS-13C3	L402	N/A	---		1228990	1247120	ng/L	99	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFDA-13C2	L402	N/A	---		4455630	4221528	ng/L	106	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFDaA-13C2	L402	N/A	---		2688610	2967078	ng/L	91	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFHpa-13C4	L402	N/A	---		8216800	8420338	ng/L	98	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFHXA-13C2	L402	N/A	---		7576020	7504108	ng/L	101	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFOSA-13C8	L402	N/A	---		1436570	1503763	ng/L	96	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-NEIFOSA-d5	L402	N/A	---		485078	539329	ng/L	90	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFHXS-13C3	L402	N/A	---		898420	929729	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFNA-13C9	L402	N/A	---		5288270	5453575	ng/L	97	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFOA-13C2	L402	N/A	---		7598160	7896853	ng/L	96	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFOS-13C4	L402	N/A	---		596046	637474	ng/L	94	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFPeA-13C5	L402	N/A	---		5270280	5177203	ng/L	102	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFTeDA-13C2	L402	N/A	---		971186	1298040	ng/L	75	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	IS-PFUnA-13C7	L402	N/A	---		3072210	3425041	ng/L	90	50 - 150	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		76.1516	100	ng/L	76	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		104.5320	100	ng/L	105	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		97.1376	100	ng/L	97	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		107.0990	100	ng/L	107	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	ADONA	L402	2.0	---		101.6270	100	ng/L	102	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	F-53B Major	L402	2.0	---		83.3289	100	ng/L	83	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	F-53B Minor	L402	2.0	---		100.5350	100	ng/L	101	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	GenX	L402	5.0	---		236.3160	250	ng/L	95	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
CCM	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		94.9982	100	ng/L	95	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		101.2500	100	ng/L	101	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		96.8865	100	ng/L	97	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		95.4719	100	ng/L	95	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		96.3236	100	ng/L	96	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		240.8390	250	ng/L	96	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		96.4547	100	ng/L	96	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		97.7151	100	ng/L	98	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		93.8700	100	ng/L	94	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		96.5604	100	ng/L	97	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		97.1351	100	ng/L	97	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorononanoic acid (PFNA)	L402	2.0	---		97.7004	100	ng/L	98	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		95.6994	100	ng/L	96	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		99.4593	100	ng/L	99	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		95.9134	100	ng/L	96	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		97.5346	100	ng/L	98	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		105.0690	100	ng/L	105	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		97.2880	100	ng/L	97	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	---		94.8079	100	ng/L	95	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		103.6660	100	ng/L	104	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		92.8797	100	ng/L	93	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		98.0904	100	ng/L	98	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		299.1620	250	ng/L	120	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		263.9020	250	ng/L	106	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		251.1790	250	ng/L	100	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		242.5780	250	ng/L	97	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		114.7020	100	ng/L	115	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		97.6704	100	ng/L	98	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		96.9939	100	ng/L	97	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		93.6310	100	ng/L	94	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		98.3167	100	ng/L	98	70 - 130	---	---	1.0	05/02/2018 16:00	05/03/2018 03:52	3925980

Sample Type Key

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

END OF REPORT