

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

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## STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN035	New Jersey*	IN598
Colorado Radiochemistry	IN035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074-001
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-15-8
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA180008	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies

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

## Laboratory Report

Client: Cary/Apex WTP

Report: 408517

Attn: Rachel Monschein  
 1400 Wimberly Road  
 Apex, NC 27523

Priority: Standard Written

Status: Final

PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3868494	Raw Water Intake (Wet Well)	L402	02/08/18 11:40	Client	02/09/18 10:30
3868495	Filter Effluent	L402	02/08/18 09:15	Client	02/09/18 10:30
3868496	Biofiltration Filter #3	L402	02/08/18 09:32	Client	02/09/18 10:30
3868497	Biofiltration Filter #4	L402	02/08/18 09:40	Client	02/09/18 10:30
3868498	Biofiltration Filter #5	L402	02/08/18 09:42	Client	02/09/18 10:30

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

02/20/2018

Date

Client Name: Cary/Apex WTP

Report #: 408517

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	02/14/18 08:13	02/16/18 00:04	3868494
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	<b>4.6</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>5.8</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>26</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	<b>5.5</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>51</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	<b>7.1</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>74</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	<b>5.5</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	<b>26</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>24</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>55</b>	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:04	3868494

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	02/14/18 08:13	02/16/18 00:30	3868495
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	10	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	2.3	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	23	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	17	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	38	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	5.1	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	41	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:30	3868495

Sampling Point: Biofiltration Filter #3

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.3</b>	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>23</b>	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>15</b>	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>37</b>	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>4.8</b>	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>40</b>	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 00:56	3868496

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	02/14/18 08:13	02/16/18 01:22	3868497
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.3</b>	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>23</b>	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>14</b>	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>36</b>	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>4.6</b>	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>40</b>	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 01:22	3868497

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	02/14/18 08:13	02/16/18 02:14	3868498
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.6</b>	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>24</b>	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>19</b>	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>42</b>	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>6.5</b>	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>43</b>	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	02/14/18 08:13	02/16/18 02:14	3868498

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

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



## Lab Definitions

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

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

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

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

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

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

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

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

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

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

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



Eaton Analytical

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South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

Order # 335428  
Batch # 408517

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### 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#	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
Rachael Morschery 1460 W. Main Street Cary, NC 27513	<i>Em Thep</i>	NC0392000	NC	PFA's		2	DW SW	
BILL TO: Town of Cary Finance A.P. P.O. Box 8005 Cary, NC 27512-8005	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	> 100,000	Jordan Lake					
LAB Number	SAMPLING SITE	TEST NAME						
3568494	Raw Water Intake (Wetwell)	PFC - Quant < 402 PH 23						
495	Filter Effluent	0204 2018 AD						
496	Biofiltration Filter #3							
497	#4							
498	#5							
6								
7								
8								
9								
10								
11								
12								
13								
14								

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME	LAB COMMENTS
<i>Em Thep</i>	2/8/18	1:40	<i>Em Thep</i>	2/8/18	2:55	
<i>Em Thep</i>	2/8/18	4:00	<i>Em Thep</i>	2/8/18	10:30	
						LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT
						CONDITIONS UPON RECEIPT (check one): <input checked="" type="checkbox"/> Iced/Wet/Blue <input type="checkbox"/> Ambient <input type="checkbox"/> °C Upon Receipt <input type="checkbox"/> N/A

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

**TURN-AROUND TIME (TAT) - SURCHARGES**

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

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

**MATRIX CODES:**  
 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.

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



### Eurofins Eaton Analytical

#### Run Log

Run ID: 239824 Method: L402

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	3871495		OS	FL	02/15/2018 18:52	021518L402a-PFCQuant-NTA.mdb
LRB	3871462		RW	FL	02/15/2018 19:18	021518L402a-PFCQuant-NTA.mdb
FBL	3871464		RW	FL	02/15/2018 19:44	021518L402a-PFCQuant-NTA.mdb
CCM	3871496		OS	FL	02/15/2018 23:38	021518L402a-PFCQuant-NTA.mdb
FS	3868494	Raw Water Intake (Wet Well)	DW	FL	02/16/2018 00:04	021518L402a-PFCQuant-NTA.mdb
FS	3868495	Filter Effluent	DW	FL	02/16/2018 00:30	021518L402a-PFCQuant-NTA.mdb
FS	3868496	Biofiltration Filter #3	DW	FL	02/16/2018 00:56	021518L402a-PFCQuant-NTA.mdb
FS	3868497	Biofiltration Filter #4	DW	FL	02/16/2018 01:22	021518L402a-PFCQuant-NTA.mdb
FD	3871461	Biofiltration Filter #4	DW	FL	02/16/2018 01:48	021518L402a-PFCQuant-NTA.mdb
FS	3868498	Biofiltration Filter #5	DW	FL	02/16/2018 02:14	021518L402a-PFCQuant-NTA.mdb
CCH	3871830		OS	FL	02/16/2018 04:50	021518L402a-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	---		448128	488947	ng/L	92	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-6:2-FTS-13C2	L402	N/A	---		55151	53014	ng/L	104	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-8:2-FTS-13C2	L402	N/A	---		231093	228739	ng/L	101	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-GenX-13C3	L402	N/A	---		10976	10157	ng/L	108	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-NEFOSAA-d5	L402	N/A	---		326006	290692	ng/L	112	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-NEFOSE-d9	L402	N/A	---		81621	76895	ng/L	106	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-NMeFOSAA-d3	L402	N/A	---		388444	351305	ng/L	111	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-NMeFOSA-d3	L402	N/A	---		425249	381634	ng/L	111	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-NMeFOSE-d7	L402	N/A	---		88984	83806	ng/L	106	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFBA-13C4	L402	N/A	---		2726980	2705831	ng/L	101	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFBS-13C3	L402	N/A	---		730267	678289	ng/L	108	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFDA-13C2	L402	N/A	---		3249090	2755716	ng/L	118	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFDoA-13C2	L402	N/A	---		2399730	1982476	ng/L	121	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFHpa-13C4	L402	N/A	---		4084220	3794900	ng/L	108	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFHXA-13C2	L402	N/A	---		5611290	5244028	ng/L	107	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFOA-13C8	L402	N/A	---		882211	756621	ng/L	117	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-NEFOSA-d5	L402	N/A	---		344730	319120	ng/L	108	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFHXS-13C3	L402	N/A	---		539005	484488	ng/L	111	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFNA-13C9	L402	N/A	---		3658870	3151405	ng/L	116	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFOA-13C2	L402	N/A	---		4170230	3753236	ng/L	111	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFOS-13C4	L402	N/A	---		474754	402742	ng/L	118	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFPeA-13C5	L402	N/A	---		2014080	2012000	ng/L	100	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFTeDA-13C2	L402	N/A	---		1038580	1090412	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	IS-PFUaA-13C7	L402	N/A	---		2488650	2008466	ng/L	124	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		1.8909	2.0	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		2.3109	2.0	ng/L	116	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		1.9234	2.0	ng/L	96	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.3521	2.0	ng/L	118	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	ADONA	L402	2.0	---		1.9059	2.0	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	F-53B Major	L402	2.0	---		1.6700	2.0	ng/L	84	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	F-53B Minor	L402	2.0	---		2.4201	2.0	ng/L	121	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	GenX	L402	5.0	---		5.1974	5.0	ng/L	104	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		1.9029	2.0	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		2.0179	2.0	ng/L	101	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		1.8572	2.0	ng/L	93	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		2.0998	2.0	ng/L	105	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		1.9092	2.0	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorobutanoic acid (PFBA)	L402	5.0	---		4.6775	5.0	ng/L	94	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1.9083	2.0	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.9253	2.0	ng/L	96	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495

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	---		1.7900	2.0	ng/L	89	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.9416	2.0	ng/L	97	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorodecanoic acid (PFDoA)	L402	2.0	---		1.9046	2.0	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.9314	2.0	ng/L	97	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1.8555	2.0	ng/L	93	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.9074	2.0	ng/L	95	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.8396	2.0	ng/L	92	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1.9455	2.0	ng/L	97	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		2.3586	2.0	ng/L	118	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1.8582	2.0	ng/L	93	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		2.6804	2.0	ng/L	134	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		2.2095	2.0	ng/L	110	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1.9164	2.0	ng/L	96	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		2.4278	2.0	ng/L	121	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		4.6815	5.0	ng/L	94	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		4.6919	5.0	ng/L	94	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.5617	5.0	ng/L	91	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		4.0959	5.0	ng/L	82	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---		1.8337	2.0	ng/L	92	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.8445	2.0	ng/L	92	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.9137	2.0	ng/L	96	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.7344	2.0	ng/L	87	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
CCL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		1.9116	2.0	ng/L	96	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 18:52	3871495
LRB	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	ADONA	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	F-53B Major	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	F-53B Minor	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	GenX	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorobutanoic acid (PFBA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorodecanoic acid (PFDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorohexanoic acid (PFHxA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
LRB	Perfluorodecanoic acid (PFDoA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorononanoic acid (PFNA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorooctanoic acid (PFOA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorotridecanoic acid (PFTDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---	<	5.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoronanesulfonic acid (PFNS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoropentanoic acid (PFPeA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
LRB	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	02/14/2018 08:13	02/15/2018 19:18	3871462
FBL	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		2.4580	2.0	ng/L	123	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		1.9952	2.0	ng/L	100	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		2.1994	2.0	ng/L	110	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		2.0731	2.0	ng/L	104	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	ADONA	L402	2.0	---		1.8535	2.0	ng/L	93	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	F-53B Major	L402	2.0	---		1.7053	2.0	ng/L	85	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	F-53B Minor	L402	2.0	---		1.8811	2.0	ng/L	94	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	GenX	L402	5.0	---		4.2360	5.0	ng/L	85	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		1.7730	2.0	ng/L	89	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		1.8728	2.0	ng/L	94	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		1.6889	2.0	ng/L	84	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		2.2115	2.0	ng/L	111	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		1.6710	2.0	ng/L	84	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorobutanoic acid (PFBA)	L402	5.0	---		4.2603	5.0	ng/L	85	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1.7173	2.0	ng/L	86	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		1.7356	2.0	ng/L	87	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		1.6475	2.0	ng/L	82	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		1.7565	2.0	ng/L	88	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		1.7812	2.0	ng/L	89	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorononanoic acid (PFNA)	L402	2.0	---		1.7463	2.0	ng/L	87	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464

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	---		1.6572	2.0	ng/L	83	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.7395	2.0	ng/L	87	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		1.6776	2.0	ng/L	84	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorodecane sulfonic acid (PFDA)	L402	2.0	---		2.3415	2.0	ng/L	117	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorododecane sulfonic acid (PFDoS)	L402	2.0	---		1.1701	2.0	ng/L	59	40 - 160	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoroundecane sulfonic acid (PFUnA)	L402	2.0	---		1.7597	2.0	ng/L	88	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorododecane sulfonic acid (PFDoS)	L402	2.0	---		0.7919	2.0	ng/L	40	40 - 160	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorodecane sulfonic acid (PFDS)	L402	2.0	---		1.7806	2.0	ng/L	89	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoroheptane sulfonic acid (PFHpS)	L402	2.0	---		1.6734	2.0	ng/L	84	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorohexadecane sulfonic acid (PFHxDA)	L402	2.0	---		2.1050	2.0	ng/L	105	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		4.5820	5.0	ng/L	92	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		4.4061	5.0	ng/L	88	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		4.4584	5.0	ng/L	89	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		4.1171	5.0	ng/L	82	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		1.4121	2.0	ng/L	71	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		1.7234	2.0	ng/L	86	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		1.7088	2.0	ng/L	85	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		1.6376	2.0	ng/L	82	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
FBL	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		2.0920	2.0	ng/L	105	50 - 150	---	---	1.0	02/14/2018 08:13	02/15/2018 19:44	3871464
CCM	IS-4-2-FTS-13C2	L402	N/A	---		386665	488947	ng/L	79	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-6-2-FTS-13C2	L402	N/A	---		42350	53014	ng/L	80	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-8-2-FTS-13C2	L402	N/A	---		165669	228739	ng/L	72	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-GenX-13C3	L402	N/A	---		10886	10157	ng/L	105	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-NEFOSAA-d5	L402	N/A	---		197632	290692	ng/L	68	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-NEFOSE-d9	L402	N/A	---		50733	76895	ng/L	66	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-NMeFOSAA-d3	L402	N/A	---		255922	351305	ng/L	73	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-NMeFOSA-d3	L402	N/A	---		232307	381634	ng/L	61	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-NMeFOSE-d7	L402	N/A	---		58852	83806	ng/L	70	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFBA-13C4	L402	N/A	---		2320400	2705831	ng/L	86	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFBS-13C3	L402	N/A	---		548255	678289	ng/L	81	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFDA-13C2	L402	N/A	---		2058880	2755716	ng/L	75	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFDoA-13C2	L402	N/A	---		1355380	1982476	ng/L	68	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFHpa-13C4	L402	N/A	---		3032180	3794900	ng/L	80	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFHXA-13C2	L402	N/A	---		4277660	5244028	ng/L	82	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFOA-13C8	L402	N/A	---		537648	756621	ng/L	71	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-NEFOSA-d5	L402	N/A	---		175316	319120	ng/L	55	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFHXS-13C3	L402	N/A	---		402471	484488	ng/L	83	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFNA-13C9	L402	N/A	---		2384860	3151405	ng/L	76	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFOA-13C2	L402	N/A	---		3002000	3753236	ng/L	80	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFOS-13C4	L402	N/A	---		314182	402742	ng/L	78	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFPeA-13C5	L402	N/A	---		1664110	2012000	ng/L	83	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496

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-PFTeA-13C2	L402	N/A	---		646020	1090412	ng/L	59	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	IS-PFUnA-13C7	L402	N/A	---		1417610	2008466	ng/L	71	50 - 150	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		94.2032	100	ng/L	94	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		108.3710	100	ng/L	108	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		100.1320	100	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		106.1220	100	ng/L	106	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	ADONA	L402	2.0	---		104.7920	100	ng/L	105	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	F-53B Major	L402	2.0	---		96.7669	100	ng/L	97	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	F-53B Minor	L402	2.0	---		113.6080	100	ng/L	114	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	GenX	L402	5.0	---		230.0610	250	ng/L	92	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		103.1390	100	ng/L	103	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		102.0630	100	ng/L	102	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		101.1560	100	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		101.4770	100	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		98.7107	100	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorobutanoic acid (PFBA)	L402	5.0	---		246.1430	250	ng/L	98	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorodecanoic acid (PFDA)	L402	2.0	---		97.3225	100	ng/L	97	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		98.8838	100	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		97.1703	100	ng/L	97	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		98.8105	100	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		99.8566	100	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorononanoic acid (PFNA)	L402	2.0	---		96.5365	100	ng/L	97	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		97.9470	100	ng/L	98	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		100.9550	100	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		97.6243	100	ng/L	98	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorooctanoic acid (PFOA)	L402	2.0	---		99.1876	100	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	---		100.5440	100	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		100.0370	100	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorododecane sulfonic acid (PFDoS)	L402	2.0	---		118.3750	100	ng/L	118	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorododecane sulfonic acid (PFDS)	L402	2.0	---		122.6170	100	ng/L	123	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		101.9590	100	ng/L	102	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		99.8315	100	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		279.1480	250	ng/L	112	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		256.1700	250	ng/L	102	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		251.4130	250	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		248.8070	250	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		99.9095	100	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		100.8900	100	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		99.2612	100	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		104.7930	100	ng/L	105	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496
CCM	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		100.8250	100	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/15/2018 23:38	3871496



QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
FS	10:2 Fluorotoluene sulfonic acid (10:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	4:2 Fluorotoluene sulfonic acid (4:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	6:2 Fluorotoluene sulfonic acid (6:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	4.6		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	8:2 Fluorotoluene sulfonic acid (8:2 FTS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	ADONA	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	F-53B Major	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	F-53B Minor	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	GenX	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Raw Water Intake (Wet Well)	<	5.8		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Raw Water Intake (Wet Well)	<	26		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Raw Water Intake (Wet Well)	<	5.5		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Raw Water Intake (Wet Well)	<	51		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorohexanesulfonic acid (PFHS)	L402	2.0	Raw Water Intake (Wet Well)	<	7.1		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Raw Water Intake (Wet Well)	<	74		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Raw Water Intake (Wet Well)	<	5.5		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake (Wet Well)	<	26		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Raw Water Intake (Wet Well)	<	24		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorotridecanoic acid (PFTrDA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorododecenesulfonic acid (PFDoS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorodecenesulfonic acid (PFDS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Raw Water Intake (Wet Well)	<	5.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Raw Water Intake (Wet Well)	<	55		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluoropentanesulfonic acid (PFPS)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Raw Water Intake (Wet Well)	<	2.0		ng/L	---	---	---	---	0.91	02/14/2018 08:13	02/16/2018 00:04	3868494
FS	10:2 Fluorotoluene sulfonic acid (10:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	4:2 Fluorotoluene sulfonic acid (4:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495

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	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Filter Effluent		10		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	ADONA	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	F-53B Major	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	F-53B Minor	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	GenX	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Filter Effluent	<	2.3		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Filter Effluent	<	23		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Filter Effluent	<	17		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorohexanesulfonic acid (PFHS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Filter Effluent	<	38		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorodecanoic acid (PFDoA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Filter Effluent	<	5.1		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorodecanoic acid (PFTDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorododecanesulfonic acid (PFHxS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoroheptadecanoic acid (PFHxDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Filter Effluent	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Filter Effluent	<	41		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Filter Effluent	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:30	3868495
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	DII Factor	Extracted	Analyzed	EEA ID #
FS	ADONA	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	F-53B Major	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	F-53B Minor	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	GenX	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	N-methylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #3	<	2.3		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #3	<	23		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #3	<	15		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #3	<	37		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorodecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #3	<	4.8		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorodecanoic acid (PFTDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoroundecanoic acid (PFUNA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorododecanoic acid (PFDoS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #3	<	5.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #3	<	40		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #3	<	2.0		ng/L	---	---	---	---	0.9	02/14/2018 08:13	02/16/2018 00:56	3868496
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	ADONA	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	F-53B Major	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497

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	F-53B Minor	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	GenX	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	N-ethylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	N-methylperfluorooctane sulfonamideethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #4	<	2.3		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #4	<	23		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #4	<	14		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	36		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #4	<	4.6		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorotridecanoic acid (PFTfDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4	<	40		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluoropentanesulfonic acid (PFPS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 01:22	3868497
FD	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	ADONA	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	F-53B Major	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	F-53B Minor	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	GenX	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461

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	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #4	<	2.34		ng/L	---	---	0.3	50	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #4	<	22.9		ng/L	---	---	0.8	50	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #4	<	14.6		ng/L	---	---	2.1	50	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #4	<	36.8		ng/L	---	---	1.0	50	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #4	<	4.56		ng/L	---	---	0.3	50	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorodecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoro-2-methoxyethoxyacetic acid	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #4	<	5.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #4	<	40.1		ng/L	---	---	0.3	50	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FD	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #4	<	2.0		ng/L	---	---	---	---	0.87	02/14/2018 08:13	02/16/2018 01:48	3871461
FS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	ADONA	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	F-53B Major	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	F-53B Minor	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	GenX	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498

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-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	Biofiltration Filter #5	<	2.6		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorobutanoic acid (PFBA)	L402	5.0	Biofiltration Filter #5	<	24		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorodecanoic acid (PFDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoroheptanoic acid (PFHpA)	L402	2.0	Biofiltration Filter #5	<	19		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorohexanoic acid (PFHxA)	L402	2.0	Biofiltration Filter #5	<	42		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorododecanoic acid (PFDoA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorononanoic acid (PFNA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorooctanoic acid (PFOA)	L402	2.0	Biofiltration Filter #5	<	6.5		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorodecanoic acid (PFTrDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoroundecanoic acid (PFUnA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorododecanesulfonic acid (PFDS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	Biofiltration Filter #5	<	5.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoronanesulfonic acid (PFNS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoropentanoic acid (PFPeA)	L402	2.0	Biofiltration Filter #5	<	43		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
FS	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	Biofiltration Filter #5	<	2.0		ng/L	---	---	---	---	0.89	02/14/2018 08:13	02/16/2018 02:14	3868498
CCH	IS-4-2-FTS-13C2	L402	N/A	---		414150	488947	ng/L	85	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-6-2-FTS-13C2	L402	N/A	---		38425	53014	ng/L	72	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-8-2-FTS-13C2	L402	N/A	---		158335	228739	ng/L	69	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-GenX-13C3	L402	N/A	---		10450	10157	ng/L	103	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-NEIFOSAA-d5	L402	N/A	---		179006	290692	ng/L	62	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-NEIFOSE-d9	L402	N/A	---		48555	76895	ng/L	63	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-NMeFOSAA-d3	L402	N/A	---		220517	351305	ng/L	63	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-NMeFOSA-d3	L402	N/A	---		237388	381634	ng/L	62	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-NMeFOSE-d7	L402	N/A	---		57160	83806	ng/L	68	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFBA-13C4	L402	N/A	---		2291070	2705831	ng/L	85	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFBS-13C3	L402	N/A	---		485972	678289	ng/L	72	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFDA-13C2	L402	N/A	---		1836740	2755716	ng/L	67	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830

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 #
CCH	IS-PFDoA-13C2	L402	N/A	---		1186470	1982476	ng/L	60	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFHpa-13C4	L402	N/A	---		2931620	3794900	ng/L	77	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFHXA-13C2	L402	N/A	---		4152410	5244028	ng/L	79	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFOsa-13C8	L402	N/A	---		492275	756621	ng/L	65	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-NEFOSA-d5	L402	N/A	---		190223	319120	ng/L	60	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFHXS-13C3	L402	N/A	---		369297	484488	ng/L	76	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFNA-13C9	L402	N/A	---		2201780	3151405	ng/L	70	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFOA-13C2	L402	N/A	---		2815370	3753236	ng/L	75	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFOS-13C4	L402	N/A	---		279974	402742	ng/L	70	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFPeA-13C5	L402	N/A	---		1675650	2012000	ng/L	83	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFTeDA-13C2	L402	N/A	---		629789	1090412	ng/L	58	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	IS-PFUaA-13C7	L402	N/A	---		1211550	2008466	ng/L	60	50 - 150	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	2.0	---		1876430	200	ng/L	94	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	2.0	---		1979400	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	2.0	---		2035000	200	ng/L	102	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	2.0	---		1979970	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	ADONA	L402	2.0	---		1970240	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	F-53B Major	L402	2.0	---		1951090	200	ng/L	98	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	F-53B Minor	L402	2.0	---		2069300	200	ng/L	103	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	GenX	L402	5.0	---		4729810	500	ng/L	95	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	N-ethylperfluorooctane sulfonamide (NEFOSA)	L402	2.0	---		1973760	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	N-ethylperfluorooctane sulfonamidoethanol	L402	2.0	---		2001900	200	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	2.0	---		2044190	200	ng/L	102	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	N-methylperfluorooctane sulfonamidoethanol	L402	2.0	---		1950190	200	ng/L	98	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorobutanesulfonic acid (PFBS)	L402	2.0	---		2002180	200	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorobutanoic acid (PFBA)	L402	5.0	---		4972380	500	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorodecanoic acid (PFDA)	L402	2.0	---		1994440	200	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoroheptanoic acid (PFHpA)	L402	2.0	---		2002320	200	ng/L	100	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorohexanesulfonic acid (PFHxS)	L402	2.0	---		2015610	200	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorohexanoic acid (PFHxA)	L402	2.0	---		2017350	200	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorododecanoic acid (PFDoA)	L402	2.0	---		1977810	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoromanoic acid (PFNA)	L402	2.0	---		1943890	200	ng/L	97	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorooctanesulfonic acid (PFOS)	L402	2.0	---		1987910	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2060700	200	ng/L	103	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	2.0	---		2013020	200	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorooctanoic acid (PFOA)	L402	2.0	---		1989840	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorodecanoic acid (PFTrDA)	L402	2.0	---		1731510	200	ng/L	87	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoroundecanoic acid (PFUnA)	L402	2.0	---		1943350	200	ng/L	97	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorododecanesulfonic acid (PFDoS)	L402	2.0	---		2082420	200	ng/L	104	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorodecanesulfonic acid (PFDS)	L402	2.0	---		2351580	200	ng/L	118	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoroheptanesulfonic acid (PFHpS)	L402	2.0	---		1935430	200	ng/L	97	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830

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 #
CCH	Perfluorohexadecanoic acid (PFHxDA)	L402	2.0	---		203.3000	200	ng/L	102	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoro-2-methoxyethoxyacetic acid	L402	5.0	---		627.1710	500	ng/L	125	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoro-4-isopropoxybutanoic acid	L402	5.0	---		522.3750	500	ng/L	104	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	5.0	---		546.0230	500	ng/L	109	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoro-3-methoxypropanoic acid (PFMOPRA)	L402	5.0	---		534.9130	500	ng/L	107	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorononanesulfonic acid (PFNS)	L402	2.0	---		197.1320	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorooctane sulfonamide (PFOSA)	L402	2.0	---		198.0610	200	ng/L	99	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoropentanoic acid (PFPeA)	L402	2.0	---		201.1510	200	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluoropentanesulfonic acid (PFPeS)	L402	2.0	---		213.2370	200	ng/L	107	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830
CCH	Perfluorotetradecanoic acid (PFTeDA)	L402	2.0	---		201.9410	200	ng/L	101	70 - 130	---	---	1.0	02/08/2018 15:03	02/16/2018 04:50	3871830



## Sample Type Key

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

END OF REPORT