

**APPENDIX C:
INFORMATION PROVIDED BY RIVER RIDGE DEVELOPMENT AUTHORITY
(WATER DEMAND, MAINTENANCE HISTORY, WATER QUALITY)**

Information Request

Well & Pump Construction/Installation Records – Binder at Treatment Plant

Well Pumping Rates – controlled to 650 - 750 gpm to match High Service Pump Rates

Well Operating Information:

- Water Levels – not monitored
- Well & Pump Maintenance Log (July 2011 to December 2019) Run
 - Well 1: Replace Split Drain Pipe – Feb 2015
 - Wells Nos 1, 2 & 3: Overboard Tests – Aug 2016
 - Replace Cooling Water Drain Lines – March 2019
 - Well 1, Overboard Test – May 2019
 - Well 1: Replace Failed Motor Starter - July 2019

Annual PM

- Grease motors
- Winterize vault and cooling water lines
- Well/Pump Run Times - see SCADA Display at Treatment Plant
 - Well – 7068 hours
 - Well 2 – 6072 hours
 - Well 3 – 8192 hours

Raw Water Quality – see attached summary and MORS

Finished Water Quality – see attached summary, MORs and Compliance Results

River Ridge Annual Water Sales

Niagara
Phase I

250.0

200.0

150.0

100.0

50.0

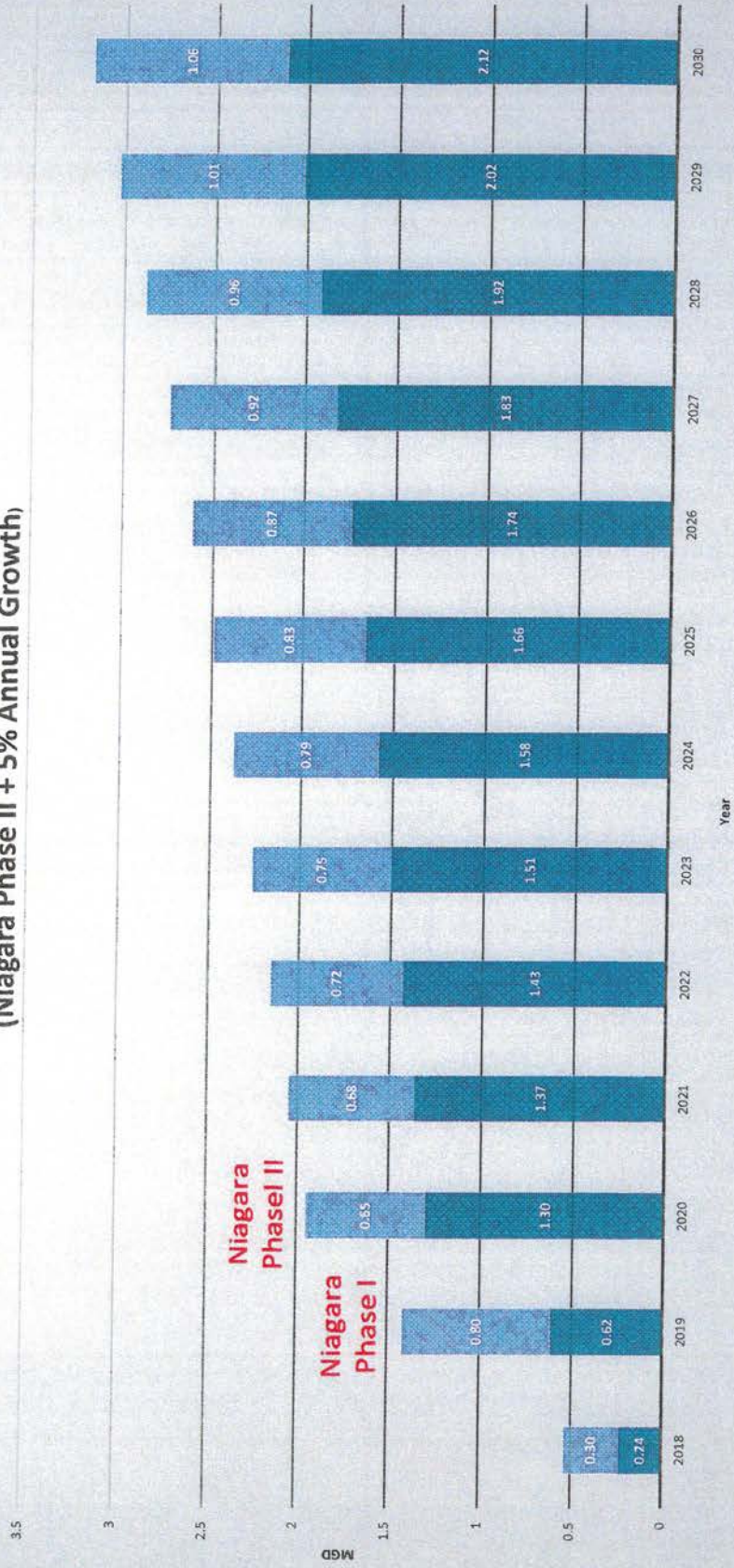
0.0

Million Gallons



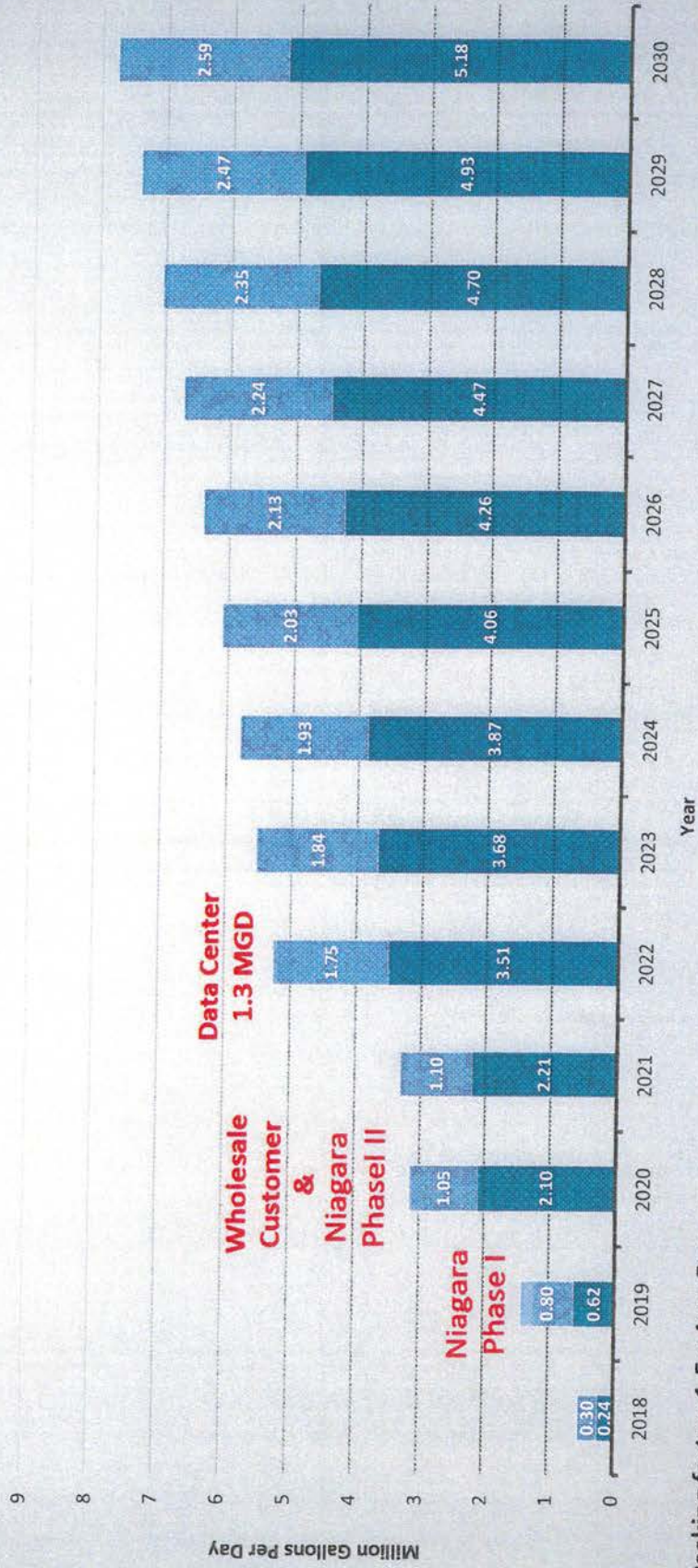
Year

River Ridge Growth Projections (Niagara Phase II + 5% Annual Growth)



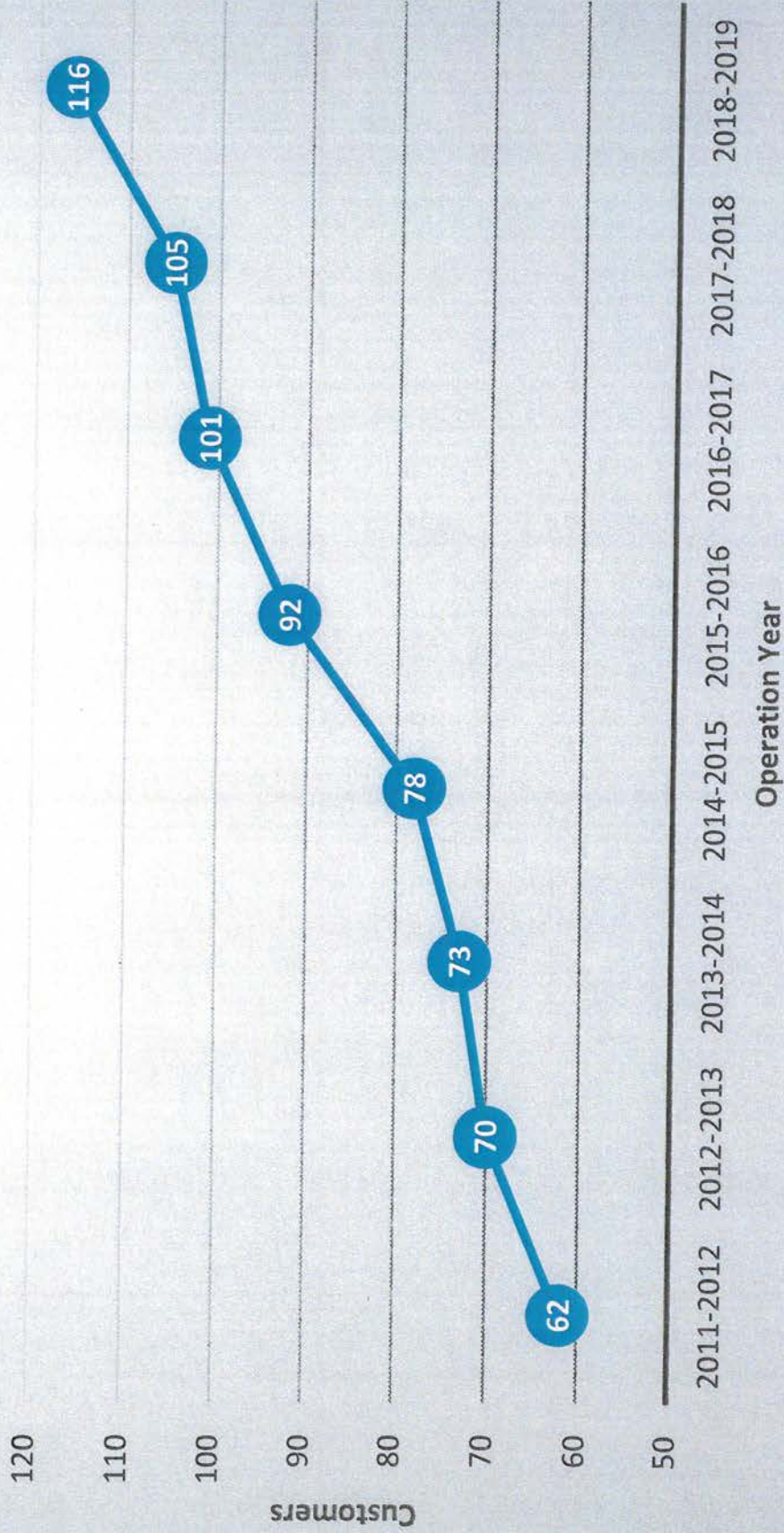
Peaking factor: 1.5 x Avg. Day

River Ridge Growth Projections (Niagara, Wholesale Customer & Data Center)



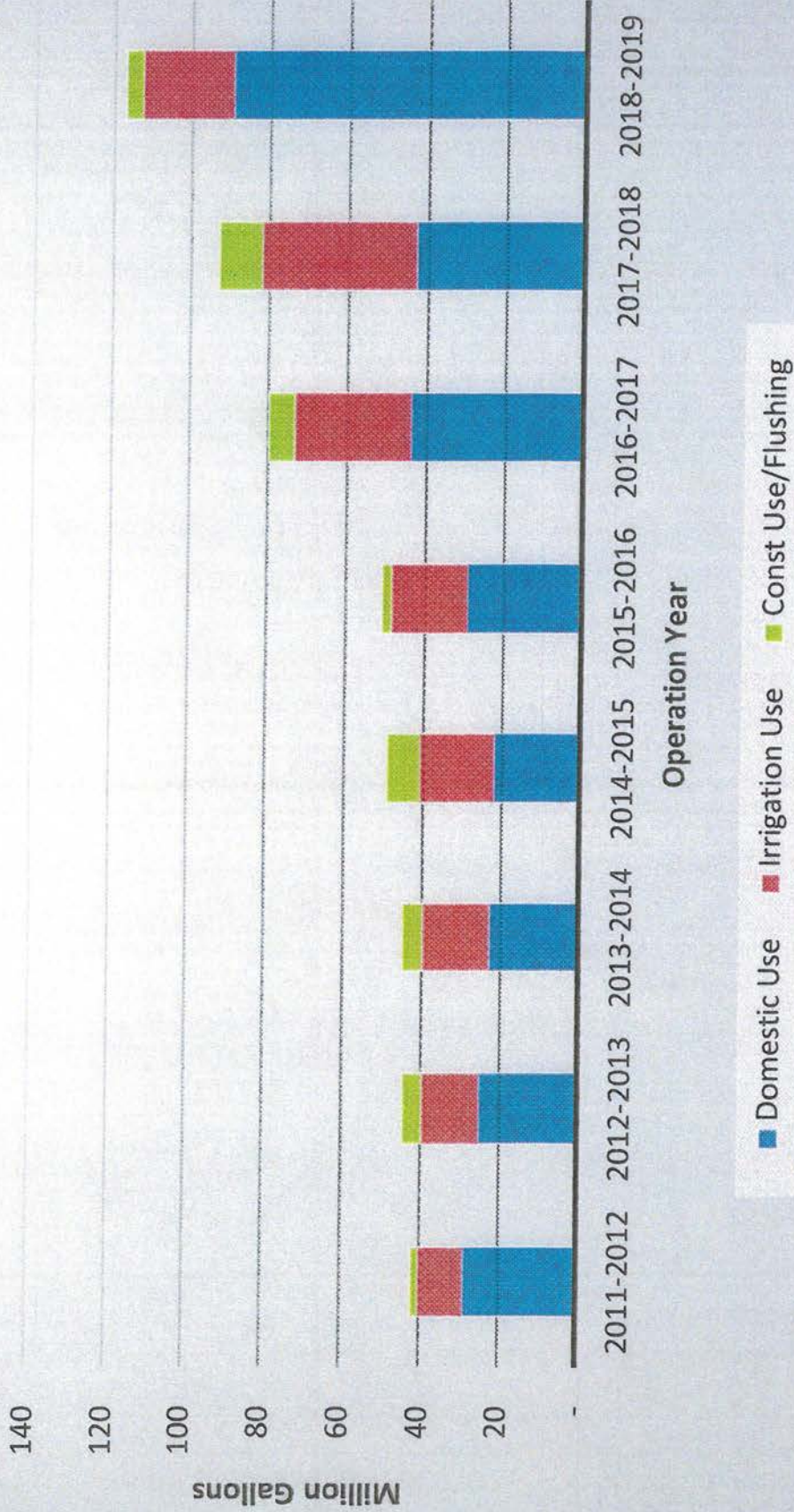
Peaking factor: 1.5 x Avg. Day

River Ridge Water System Water Customers per Year



River Ridge Water System Consumption 2011-2019

*IRWIS² from is big use
and source of revenue*



River Ridge Commerce Center

Water Quality Summary

Description of Source Water and Treatment System

The source water for the River Ridge water system comes from vertical wells located along the Ohio River. These wells extract high quality water from the sand and gravel aquifer in the Ohio River alluvium.

The well water is first treated by aeration and chlorination to oxidize iron and manganese and disinfect the water. The water is then filtered, chlorinated and fluoridated to produce a high quality, finished water. The finished water is pumped to a 750,000 gallon storage tank which provides water to a booster pump station. Pumps at the booster pump station supply water to the transmission mains, elevated storage tanks and distribution mains which deliver water to customer service lines.

Water Quality

Listed below are water quality results for raw, well water and treated finished water for 2017 through 2019. Results are compiled and summarized from routine operational laboratory testing and compliance monitoring required by Indiana Department of Environmental Management (IDEM). During the 2017 through 2019, the River Ridge water system remained in compliance with all drinking water regulations and water quality standards.

Raw Water Quality

- Alkalinity (mg/L): Average = 240, Range = 162 to 319
- Hardness (mg/L as calcium carbonate): Average = 264, Range = 190 to 316
- Iron (mg/L): Average = 0.179, Range = 0.01 to 0.47
- Manganese (mg/L): Average = 0.187, Range = 0.349 to 0.063

Treated, Finished Water Quality

- Alkalinity (mg/L): Average = 225, Range = 136 to 319
- Hardness (mg/L as calcium carbonate): Average = 258, Range = 190 to 300
- Iron (mg/L): Average = 0.005, Range = <0.001 to 0.02
- Manganese (mg/L): Average = 0.017, Range = <0.001 to 0.027
- Total Suspended Solids (mg/L): 5
- Total Dissolved Solids (mg/L): 300
- Chlorides (mg/L): 24
- Sulfate (mg/L): 43

- Sodium (mg/L): 19
- Nitrate (mg/L): 0.60
- Regulated Primary or Secondary Metals: No Detections
- Regulated Volatile Organic Contaminants: No Detections
- Regulated Synthetic Organic Contaminants: No Detections

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	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	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
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*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	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: Louisville Water Company

 Attn: Chris Bobay
 550 South 3rd Street
 Louisville, KY 40202

Report: 473456
 Priority: Standard Written
 Status: Final
 PWS ID: IN2100018

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4511438	RR Raw/Wells 1&3	331.0	12/11/19 10:40	Client	12/12/19 08:45
4511439	RR Raw/Wells 1&3	218.7	12/11/19 10:40	Client	12/12/19 08:45
4511440	RR Raw/Wells 1&3	300.0	12/11/19 10:40	Client	12/12/19 08:45
4511441	RR Raw/Wells 1&3	200.8	12/11/19 10:40	Client	12/12/19 08:45
4511441	RR Raw/Wells 1&3	245.1	12/11/19 10:40	Client	12/12/19 08:45
4511442	RR Raw/Wells 1&3	353.2	12/11/19 10:40	Client	12/12/19 08:45
4511442	RR Raw/Wells 1&3	353.2	12/11/19 10:40	Client	12/12/19 08:45
4511442	RR Raw/Wells 1&3	4500-F- C	12/11/19 10:40	Client	12/12/19 08:45
4511443	RR Raw/Wells 1&3	531.2	12/11/19 10:40	Client	12/12/19 08:45
4511444	RR Raw/Wells 1&3	524.2	12/11/19 10:40	Client	12/12/19 08:45
4511445	RR Raw/Wells 1&3	537.1	12/11/19 10:40	Client	12/12/19 08:45
4511446	RR Raw/Wells 1&3	335.4	12/11/19 10:40	Client	12/12/19 08:45
4511447	RR Raw/Wells 1&3	515.3	12/11/19 10:40	Client	12/12/19 08:45
4511448	RR Raw/Wells 1&3	549.2	12/11/19 10:40	Client	12/12/19 08:45
4511449	RR Raw/Wells 1&3	1613	12/11/19 10:40	Client	12/12/19 08:45
4511450	RR Raw/Wells 1&3	504.1	12/11/19 10:40	Client	12/12/19 08:45
4511451	RR Raw/Wells 1&3	548.1	12/11/19 10:40	Client	12/12/19 08:45
4511452	RR Raw/Wells 1&3	547	12/11/19 10:40	Client	12/12/19 08:45
4511453	RR Raw/Wells 1&3	525.2	12/11/19 10:40	Client	12/12/19 08:45
4511454	RR Raw/Wells 1&3	505	12/11/19 10:40	Client	12/12/19 08:45
4511455	RR Raw/Wells 1&3	200.8	12/11/19 10:40	Client	12/12/19 08:45

Report Summary

Note: Method 1613 analysis was performed by Eurofins Eaton Analytical, Monrovia, CA.

Note: In the Method 525.2 analysis, the Benzo(a)pyrene recovery in the LFB at 2.0 ug/L (59%) was outside the acceptance limits of 70-130%. Any result is potentially low biased.

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 Karen Fullmer at (574) 233-4777.

Client Name: Louisville Water Company

Report #: 473456

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

Karen Fullmer ASM

Authorized Signature

Title

01/22/2020

Date

Client Name: Louisville Water Company

Report #: 473456

Sampling Point: RR Raw/Wells 1&3

PWS ID: IN2100018

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
18540-29-9	Chromium, Hexavalent	218.7	---	0.02	0.04	ug/L	---	12/18/19 17:40	4511439
24959-67-9	Bromide	300.0	---	0.010	0.038	mg/L	---	12/14/19 02:46	4511440
14866-68-3	Chlorate	300.0	---	10	< 10	ug/L	---	12/14/19 02:46	4511440
14797-73-0	Perchlorate	331.0	---	0.05	0.27	ug/L	---	12/19/19 01:55	4511438
57-12-5	Cyanide, Total	335.4	0.2 *	0.02	< 0.02	mg/L	12/20/19 16:37	12/20/19 18:21	4511446
14797-55-8	Nitrate	353.2	10 *	0.1	0.5	mg/L	---	12/12/19 16:25	4511442
14797-65-0	Nitrite	353.2	1 *	0.05	< 0.05	mg/L	---	12/12/19 17:09	4511442
16984-48-8	Fluoride	4500-F- C	4 *	0.2	< 0.2	mg/L	---	12/30/19 14:24	4511442

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
7429-90-5	Aluminum	200.8	200 *	20	< 20	ug/L	---	12/18/19 16:12	4511441
7440-36-0	Antimony	200.8	6 *	3.0	< 3.0	ug/L	---	12/18/19 16:12	4511441
7440-38-2	Arsenic	200.8	10 *	2.0	< 2.0	ug/L	---	12/18/19 16:12	4511441
7440-39-3	Barium	200.8	2000 *	100	< 100	ug/L	---	12/18/19 16:12	4511441
7440-41-7	Beryllium	200.8	4 *	0.3	< 0.3	ug/L	---	12/18/19 16:12	4511441
7440-42-8	Boron	200.8	---	5.0	32	ug/L	---	12/18/19 16:12	4511441
7440-43-9	Cadmium	200.8	5 *	1.0	< 1.0	ug/L	---	12/18/19 16:12	4511441
7440-47-3	Chromium	200.8	100 *	7.0	< 7.0	ug/L	---	12/18/19 16:12	4511441
7440-48-4	Cobalt	200.8	---	2.0	< 2.0	ug/L	---	12/18/19 16:12	4511441
7440-50-8	Copper	200.8	1300 !	25	< 25	ug/L	---	12/18/19 16:12	4511441
7440-56-4	Germanium	200.8	---	1.0	< 1.0	ug/L	12/26/19 14:25	12/27/19 15:43	4511455
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/18/19 16:12	4511441
7439-93-2	Lithium	200.8	---	2.0	3.3	ug/L	---	12/18/19 16:12	4511441
7439-96-5	Manganese	200.8	50 ^	5.0	140	ug/L	---	12/18/19 16:12	4511441
7439-98-7	Molybdenum	200.8	---	2.0	< 2.0	ug/L	---	12/18/19 16:12	4511441
7440-02-0	Nickel	200.8	---	5.0	< 5.0	ug/L	---	12/19/19 13:00	4511441
7782-49-2	Selenium	200.8	50 *	2.0	< 2.0	ug/L	---	12/18/19 16:12	4511441
7440-22-4	Silver	200.8	100 ^	2.0	< 2.0	ug/L	---	12/18/19 16:12	4511441
7440-24-6	Strontium	200.8	---	2.0	110	ug/L	---	12/18/19 16:12	4511441
7440-28-0	Thallium	200.8	2 *	0.7	< 0.7	ug/L	---	12/18/19 16:12	4511441
7440-29-1	Thorium	200.8	---	5.0	< 5.0	ug/L	---	12/18/19 16:12	4511441
7440-31-5	Tin	200.8	---	2.0	< 2.0	ug/L	---	12/18/19 16:12	4511441
7440-32-6	Titanium	200.8	---	5.0	< 5.0	ug/L	---	12/18/19 16:12	4511441
7440-61-1	Uranium	200.8	30 *	1.0	< 1.0	ug/L	---	12/18/19 16:12	4511441
7440-62-2	Vanadium	200.8	---	2.0	< 2.0	ug/L	---	12/18/19 16:12	4511441
7440-66-6	Zinc	200.8	5000 ^	5.0	< 5.0	ug/L	---	12/18/19 16:12	4511441
7439-97-6	Mercury	245.1	2 *	0.2	< 0.2	ug/L	12/16/19 16:05	12/17/19 14:21	4511441

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.2 *	0.01	< 0.01	ug/L	12/19/19 10:20	12/19/19 14:42	4511450
106-93-4	1,2-Dibromoethane (EDB)	504.1	0.05 *	0.01	< 0.01	ug/L	12/19/19 10:20	12/19/19 14:42	4511450
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	12/20/19 13:22	12/21/19 04:30	4511454

11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	12/20/19 13:22	12/21/19 04:30	4511454
94-75-7	2,4-D	515.3	70 *	0.1	< 0.1	ug/L	12/23/19 09:00	12/31/19 15:45	4511447
75-99-0	Dalapon	515.3	200 *	1.0	< 1.0	ug/L	12/23/19 09:00	12/31/19 15:45	4511447
1918-00-9	Dicamba	515.3	---	0.1	< 0.1	ug/L	12/23/19 09:00	12/31/19 15:45	4511447
88-85-7	Dinoseb	515.3	7 *	0.1	< 0.1	ug/L	12/23/19 09:00	12/31/19 15:45	4511447
87-86-5	Pentachlorophenol	515.3	1 *	0.04	< 0.04	ug/L	12/23/19 09:00	12/31/19 15:45	4511447
1918-02-1	Picloram	515.3	500 *	0.1	< 0.1	ug/L	12/23/19 09:00	12/31/19 15:45	4511447
93-72-1	2,4,5-TP (Silvex)	515.3	50 *	0.1	< 0.1	ug/L	12/23/19 09:00	12/31/19 15:45	4511447
15972-60-8	Alachlor	525.2	2 *	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
309-00-2	Aldrin	525.2	---	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
1912-24-9	Atrazine	525.2	3 *	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
58-89-9	gamma-BHC (Lindane)	525.2	0.2 *	0.02	< 0.02	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
23184-66-9	Butachlor	525.2	---	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
60-57-1	Dieldrin	525.2	---	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
103-23-1	Di(2-ethylhexyl)adipate	525.2	400 *	0.6	< 0.6	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
117-81-7	Di(2-ethylhexyl)phthalate	525.2	6 *	0.6	< 0.6	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
72-20-8	Endrin	525.2	2 *	0.01	< 0.01	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
76-44-8	Heptachlor	525.2	0.4 *	0.04	< 0.04	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
1024-57-3	Heptachlor epoxide	525.2	0.2 *	0.02	< 0.02	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
118-74-1	Hexachlorobenzene	525.2	1 *	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
77-47-4	Hexachlorocyclopentadiene	525.2	50 *	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
72-43-5	Methoxychlor	525.2	40 *	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
51218-45-2	Metolachlor	525.2	---	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
21087-64-9	Metribuzin	525.2	---	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
1918-16-7	Propachlor	525.2	---	0.1	< 0.1	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
122-34-9	Simazine	525.2	4 *	0.07	< 0.07	ug/L	12/19/19 08:49	01/11/20 21:04	4511453
116-06-3	Aldicarb	531.2	3 *	0.5	< 0.5	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
1646-88-4	Aldicarb sulfone	531.2	2 *	0.7	< 0.7	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
1646-87-3	Aldicarb sulfoxide	531.2	4 *	0.5	< 0.5	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
63-25-2	Carbaryl	531.2	---	0.5	< 0.5	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
1563-66-2	Carbofuran	531.2	40 *	0.9	< 0.9	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
16655-82-6	3-Hydroxycarbofuran	531.2	---	0.5	< 0.5	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
16752-77-5	Methomyl	531.2	---	0.5	< 0.5	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
90-15-3	1-Naphthol	531.2	---	1.0	< 1.0	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
23135-22-0	Oxamyl	531.2	200 *	1.0	< 1.0	ug/L	12/23/19 07:58	01/07/20 11:45	4511443
1071-83-6	Glyphosate	547	700 *	6.0	< 6.0	ug/L	12/18/19 12:33	12/19/19 02:01	4511452
145-73-3	Endothall	548.1	100 *	9.0	< 9.0	ug/L	12/13/19 08:20	12/16/19 20:41	4511451
85-00-7	Diquat	549.2	20 *	0.4	< 0.4	ug/L	12/16/19 08:30	12/16/19 19:22	4511448

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

Volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
71-43-2	Benzene	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
108-86-1	Bromobenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444

74-97-5	Bromochloromethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-27-4	Bromodichloromethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-25-2	Bromoform	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
74-83-9	Bromomethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
104-51-8	n-Butylbenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
135-98-8	sec-Butylbenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
98-06-6	tert-Butylbenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
56-23-5	Carbon tetrachloride	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
108-90-7	Chlorobenzene	524.2	100 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-00-3	Chloroethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
67-66-3	Chloroform	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
74-87-3	Chloromethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
95-49-8	2-Chlorotoluene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
106-43-4	4-Chlorotoluene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
124-48-1	Dibromochloromethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
---	Total Trihalomethanes	524.2	80 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	524.2	---	0.2	< 0.2	ug/L	---	12/18/19 11:28	4511444
106-93-4	1,2-Dibromoethane (EDB)	524.2	---	0.2	< 0.2	ug/L	---	12/18/19 11:28	4511444
74-95-3	Dibromomethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
95-50-1	1,2-Dichlorobenzene	524.2	600 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
541-73-1	1,3-Dichlorobenzene	524.2	100 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
106-46-7	1,4-Dichlorobenzene	524.2	75 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
25321-22-6	Total Dichlorobenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-71-8	Dichlorodifluoromethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-34-3	1,1-Dichloroethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
107-06-2	1,2-Dichloroethane	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-35-4	1,1-Dichloroethylene	524.2	7 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
156-59-2	cis-1,2-Dichloroethylene	524.2	70 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
156-60-5	trans-1,2-Dichloroethylene	524.2	100 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-09-2	Dichloromethane	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
78-87-5	1,2-Dichloropropane	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
142-28-9	1,3-Dichloropropane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
594-20-7	2,2-Dichloropropane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
563-58-6	1,1-Dichloropropylene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
10061-01-5	cis-1,3-Dichloropropylene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
10061-02-6	trans-1,3-Dichloropropylene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
542-75-6	1,3-Dichloropropylene, cis & trans	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
100-41-4	Ethylbenzene	524.2	700 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
87-68-3	Hexachlorobutadiene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
98-82-8	Isopropylbenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
99-87-6	4-Isopropyltoluene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
1634-04-4	Methyl-t-butyl ether (MTBE)	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
91-20-3	Naphthalene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
103-65-1	n-Propylbenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
100-42-5	Styrene	524.2	100 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
630-20-6	1,1,1,2-Tetrachloroethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
79-34-5	1,1,2,2-Tetrachloroethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
127-18-4	Tetrachloroethylene	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
108-88-3	Toluene	524.2	1000 *	0.5	1.4	ug/L	---	12/18/19 11:28	4511444
87-61-6	1,2,3-Trichlorobenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
120-82-1	1,2,4-Trichlorobenzene	524.2	70 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
71-55-6	1,1,1-Trichloroethane	524.2	200 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444

79-00-5	1,1,2-Trichloroethane	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
79-01-6	Trichloroethylene	524.2	5 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-69-4	Trichlorofluoromethane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
96-18-4	1,2,3-Trichloropropane	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
95-63-6	1,2,4-Trimethylbenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
108-67-8	1,3,5-Trimethylbenzene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
75-01-4	Vinyl chloride	524.2	2 *	0.2	< 0.2	ug/L	---	12/18/19 11:28	4511444
95-47-6	1,2-Xylene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
179601-23-1	1,3 + 1,4-Xylene	524.2	---	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444
1330-20-7	Xylenes, Total	524.2	10000 *	0.5	< 0.5	ug/L	---	12/18/19 11:28	4511444

Compliance monitoring for 1,2-Dibromo-3-chloropropane (DBCP) must be done using EPA method 504.1.

Compliance monitoring for 1,2-Dibromoethane (EDB) must be done using EPA method 504.1.

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
335-67-1	Perfluorooctanoic acid (PFOA)	537.1	---	2.0	4.5	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
375-85-9	Perfluoroheptanoic acid (PFHpA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
375-95-1	Perfluorononanoic acid (PFNA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
335-76-2	Perfluorodecanoic acid (PFDA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
307-24-4	Perfluorohexanoic acid (PFHxA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
307-55-1	Perfluorododecanoic acid (PFDoA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
2058-94-8	Perfluoroundecanoic acid (PFUnA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
13252-13-6	HFPO-DA/GenX	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
958445-44-8	ADONA	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
73606-19-6	9Cl-PF3ONS/F-53B Major	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
83329-89-9	11Cl-PF3OUdS/F-53B Minor	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	537.1	---	2.0	< 2.0	ng/L	12/18/19 08:23	12/19/19 11:45	4511445

Reference Lab Tests									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
1746-01-6	Dioxin	1613	30 *	11	< 11	pg/L	12/19/19 08:00	12/21/19 02:44	4511449

† 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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CHAIN OF CUSTODY RECORD

Page 1 of 1

REPORT TO: LOUISVILLE WATER COMPANY ATTN.: CHRIS BOBAY		SAMPLER (Signature) <i>Autumn Young</i>		PMS ID# 2100018		PROJECT NAME River Ridge Well Study		# OF CONTAINERS		MATRIX CODE		TURNAROUND TIME	
BILL TO: LOUISVILLE WATER COMPANY ATTN.: CHRIS BOBAY		COMPLIANCE MONITORING		LWC LIMS ID		TEST NAME		CHLORINATED		YES		NO	
LAB Number		COLLECTION		SAMPLING SITE		TEST NAME		YES		NO		PO#	
1	451148	12/11/2019	10:40 AM	RR Raw		Perchlorate	Wells 1 & 3			X		1	GW SW
2	439	12/11/2019	10:40 AM	RR Raw		Chromium (VI)	Wells 1 & 3			X		1	GW SW
3	440	12/11/2019	10:40 AM	RR Raw		Chlorate, Bromide	Wells 1 & 3			X		1	GW SW
4	441	12/11/2019	10:40 AM	RR Raw		Metals Scan	Wells 1 & 3			X		2	GW SW
5	442	12/11/2019	10:40 AM	RR Raw		IOC List, Nitrate/Nitrite	Wells 1 & 3			X		3	GW SW
6	443	12/11/2019	10:40 AM	RR Raw		SOC List 531	Wells 1 & 3			X		17	GW SW
7	444	12/11/2019	10:40 AM	RR Raw		VOC List	Wells 1 & 3			X		3	GW SW
8	445	12/11/2019	10:40 AM	RR Raw		PFC 537.1	Wells 1 & 3			X		2	GW SW
9	446					ON							
10	447					519							
11	448					549 PKR MW 12/12/19							
12	449					1613							
13	456	12/19/19		LTB		SOC Trip Blank						1	
14	457					VOC Trip Blank						2	

RELINQUISHED BY: (Signature) <i>Autumn Young</i>	DATE 12/11/2019	TIME 1700 AM	RECEIVED BY: (Signature)	DATE	TIME AM PM	LAB COMMENTS
RELINQUISHED BY: (Signature)	DATE	TIME AM PM	RECEIVED BY: (Signature)	DATE	TIME AM PM	LAB COMMENTS
RELINQUISHED BY: (Signature)	DATE	TIME AM PM	RECEIVED FOR LABORATORY BY: <i>Amortis</i>	DATE 12/19/19	TIME 0845 AM	CONDITIONS UPON RECEIPT (check one): Iced: <input type="checkbox"/> Well/Blue: <input checked="" type="checkbox"/> Ambient: <u>0.4</u> °C Upon Receipt

TURN-AROUND TIME (TAT) - SURCHARGES

SW = Standard Written: (15 working days) 0%
 RV* = Rush Written: (5 working days) 50%
 RW* = Rush Written: (5 working days) 75%
 IV* = Immediate Verbal: (3 working days) 100%
 IW* = Immediate Written: (3 working days) 125%
 SP* = Weekend, Holiday CALL
 STAT* = Less than 48 hours CALL

* Please call. Expedited service not available for all testing. UL-SBN-SHIP-F-002-09 Effective Date: 05/08/2009

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

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



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CHAIN OF CUSTODY RECORD

Page _____ of _____

REPORT TO: Louisville

LAB Number	COLLECTION		SAMPLER (Signature)	COMPLIANCE MONITORING		SAMPLING SITE	TEST NAME	STATE (sample origin)	PROJECT NAME	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME		AM	PM					POPULATION SERVED	Yes			
1	4511	450	RR Raw											
2	451													
3	452													
4	453													
5	454													
6	455													
7														
8														
9														
10														
11														
12														
13														
14														

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME	LAB COMMENTS
						See byrdm

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

CONDITIONS UPON RECEIPT (check one):
 Iced/Wet/Blue Ambient °C Upon Receipt N/A

0.4

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

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

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

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

08-LO-F0435 Issue 7.0 Effective Date: 2018-10-11

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



Eaton Analytical

Eurofins Eaton Analytical

Run Log

Run ID: 269441 Method: 1613

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
FS	4511449	RR Raw/Wells 1&3	DW	R L	12/21/2019 02:44	Ref Lab Dioxin

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 #
FS	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1613	11	RR Raw/Wells 1&3	<	11		pg/L	---	---	---	---	1.0	12/19/2019 08:00	12/21/2019 02:44	4511449

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Run Log

Run ID: **269124** Method: **200.8**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
QCS	4518396		RW	DS	12/18/2019 14:47	
ICV	4518397		RW	DS	12/18/2019 14:50	
ICB	4518398		RW	DS	12/18/2019 14:54	
LRB	4518400		RW	DS	12/18/2019 15:00	
LFB	4518402		RW	DS	12/18/2019 15:07	
CCV	4518403		RW	DS	12/18/2019 15:29	
CCB	4518404		RW	DS	12/18/2019 15:33	
FS	4511441	RR Raw/Wells 1&3	DW	DS	12/18/2019 16:12	
CCV	4518405		RW	DS	12/18/2019 16:15	
CCB	4518406		RW	DS	12/18/2019 16:18	

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 #
QCS	Aluminum	200.8	20	---		48.3440	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Antimony	200.8	3.0	---		47.6300	50.0	ug/L	95	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Arsenic	200.8	2.0	---		48.9560	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Barium	200.8	100	---		48.6840	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Beryllium	200.8	0.3	---		48.3890	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	IS-Bismuth	200.8	N/A	---		1.0128	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Boron	200.8	5.0	---		49.0760	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Cadmium	200.8	1.0	---		48.8390	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Chromium	200.8	7.0	---		48.8860	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Cobalt	200.8	2.0	---		49.1680	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Copper	200.8	25	---		48.1530	50.0	ug/L	96	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	IS-Indium	200.8	N/A	---		1.0072	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Lead	200.8	1.0	---		49.1580	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Lithium	200.8	2.0	---		48.3520	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Manganese	200.8	5.0	---		49.0950	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Molybdenum	200.8	2.0	---		48.6270	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	IS-Scandium	200.8	N/A	---		0.9840	1.0	N/A	98	60 - 125	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Selenium	200.8	2.0	---		48.5050	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Silver	200.8	2.0	---		48.8930	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Strontium	200.8	2.0	---		48.8600	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	IS-Terbium	200.8	N/A	---		1.0057	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Thallium	200.8	0.7	---		49.9810	50.0	ug/L	100	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Thorium	200.8	5.0	---		48.4110	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Tin	200.8	2.0	---		47.7410	50.0	ug/L	95	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Titanium	200.8	5.0	---		48.8380	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Uranium	200.8	1.0	---		48.3770	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Vanadium	200.8	2.0	---		49.2780	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	IS-Yttrium	200.8	N/A	---		1.0009	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 14:47	4518396
QCS	Zinc	200.8	5.0	---		48.1130	50.0	ug/L	96	90 - 110	---	---	1.0	---	12/18/2019 14:47	4518396
ICV	Aluminum	200.8	20	---		49.7510	50.0	ug/L	100	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Antimony	200.8	3.0	---		48.6320	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Arsenic	200.8	2.0	---		48.7960	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Barium	200.8	100	---		49.2820	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Beryllium	200.8	0.3	---		49.1560	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	IS-Bismuth	200.8	N/A	---		1.0172	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Boron	200.8	5.0	---		49.6930	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Cadmium	200.8	1.0	---		49.2690	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Chromium	200.8	7.0	---		49.6640	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Cobalt	200.8	2.0	---		50.0280	50.0	ug/L	100	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Copper	200.8	25	---		48.6300	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397

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 #
ICV	IS-Indium	200.8	N/A	---		1.0156	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Lead	200.8	1.0	---		49.3190	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Lithium	200.8	2.0	---		49.3060	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Manganese	200.8	5.0	---		50.3140	50.0	ug/L	101	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Molybdenum	200.8	2.0	---		48.7190	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	IS-Scandium	200.8	N/A	---		0.9927	1.0	N/A	99	60 - 125	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Selenium	200.8	2.0	---		49.4850	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Silver	200.8	2.0	---		49.2810	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Strontium	200.8	2.0	---		49.6480	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	IS-Terbium	200.8	N/A	---		1.0143	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Thallium	200.8	0.7	---		50.9550	50.0	ug/L	102	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Thorium	200.8	5.0	---		48.8720	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Tin	200.8	2.0	---		48.8070	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Titanium	200.8	5.0	---		48.8060	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Uranium	200.8	1.0	---		49.4490	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Vanadium	200.8	2.0	---		50.0110	50.0	ug/L	100	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	IS-Yttrium	200.8	N/A	---		1.0169	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 14:50	4518397
ICV	Zinc	200.8	5.0	---		48.8730	50.0	ug/L	98	90 - 110	---	---	1.0	---	12/18/2019 14:50	4518397
ICB	Aluminum	200.8	20	---	<	20		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Antimony	200.8	3.0	---	<	3.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Arsenic	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Barium	200.8	100	---	<	100		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Beryllium	200.8	0.3	---	<	0.3		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	IS-Bismuth	200.8	N/A	---		1.0220	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Boron	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Cadmium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Chromium	200.8	7.0	---	<	7.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Cobalt	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Copper	200.8	25	---	<	25		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	IS-Indium	200.8	N/A	---		1.0102	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Lead	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Lithium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Manganese	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Molybdenum	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	IS-Scandium	200.8	N/A	---		1.0037	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Selenium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Silver	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Strontium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	IS-Terbium	200.8	N/A	---		1.0092	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Thallium	200.8	0.7	---	<	0.7		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Thorium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398

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 #
ICB	Tin	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Titanium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Uranium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Vanadium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	IS-Yttrium	200.8	N/A	---		1.0170	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 14:54	4518398
ICB	Zinc	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 14:54	4518398
LRB	Aluminum	200.8	20	---	<	20		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Antimony	200.8	3.0	---	<	3.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Arsenic	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Barium	200.8	100	---	<	100		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Beryllium	200.8	0.3	---	<	0.3		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	IS-Bismuth	200.8	N/A	---		1.0107	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Boron	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Cadmium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Chromium	200.8	7.0	---	<	7.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Cobalt	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Copper	200.8	25	---	<	25		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	IS-Indium	200.8	N/A	---		1.0078	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Lead	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Lithium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Manganese	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Molybdenum	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	IS-Scandium	200.8	N/A	---		1.0111	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Selenium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Silver	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Strontium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	IS-Terbium	200.8	N/A	---		1.0015	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Thallium	200.8	0.7	---	<	0.7		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Thorium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Tin	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Titanium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Uranium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Vanadium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	IS-Yttrium	200.8	N/A	---		1.0130	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:00	4518400
LRB	Zinc	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:00	4518400
LFB	Aluminum	200.8	20	---		46.3990	50.0	ug/L	93	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Antimony	200.8	3.0	---		46.7580	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Arsenic	200.8	2.0	---		47.2090	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Barium	200.8	100	---		46.7850	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Beryllium	200.8	0.3	---		47.0970	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	IS-Bismuth	200.8	N/A	---		1.0068	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:07	4518402

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 #
LFB	Boron	200.8	5.0	---		46.4540	50.0	ug/L	93	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Cadmium	200.8	1.0	---		46.8850	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Chromium	200.8	7.0	---		47.5690	50.0	ug/L	95	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Cobalt	200.8	2.0	---		47.9480	50.0	ug/L	96	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Copper	200.8	25	---		47.3810	50.0	ug/L	95	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	IS-Indium	200.8	N/A	---		1.0068	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Lead	200.8	1.0	---		47.0080	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Lithium	200.8	2.0	---		46.9400	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Manganese	200.8	5.0	---		47.8830	50.0	ug/L	96	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Molybdenum	200.8	2.0	---		46.7730	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	IS-Scandium	200.8	N/A	---		0.9845	1.0	N/A	98	60 - 125	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Selenium	200.8	2.0	---		47.6020	50.0	ug/L	95	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Silver	200.8	2.0	---		46.6230	50.0	ug/L	93	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Strontium	200.8	2.0	---		47.5110	50.0	ug/L	95	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	IS-Terbitum	200.8	N/A	---		1.0057	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Thallium	200.8	0.7	---		47.9070	50.0	ug/L	96	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Thorium	200.8	5.0	---		47.0140	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Tin	200.8	2.0	---		46.5040	50.0	ug/L	93	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Titanium	200.8	5.0	---		47.7480	50.0	ug/L	95	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Uranium	200.8	1.0	---		47.0970	50.0	ug/L	94	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Vanadium	200.8	2.0	---		48.0630	50.0	ug/L	96	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	IS-Yttrium	200.8	N/A	---		1.0003	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 15:07	4518402
LFB	Zinc	200.8	5.0	---		47.3180	50.0	ug/L	95	85 - 115	---	---	1.0	---	12/18/2019 15:07	4518402
CCV	Aluminum	200.8	20	---		50.1200	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Antimony	200.8	3.0	---		49.1610	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Arsenic	200.8	2.0	---		50.2970	50.0	ug/L	101	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Barium	200.8	100	---		49.2490	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Beryllium	200.8	0.3	---		49.4040	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	IS-Bismuth	200.8	N/A	---		1.0202	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Boron	200.8	5.0	---		48.8270	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Cadmium	200.8	1.0	---		49.7460	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Chromium	200.8	7.0	---		49.8990	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Cobalt	200.8	2.0	---		49.8610	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Copper	200.8	25	---		50.1590	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	IS-Indium	200.8	N/A	---		1.0047	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Lead	200.8	1.0	---		49.3700	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Lithium	200.8	2.0	---		48.9110	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Manganese	200.8	5.0	---		49.7160	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Molybdenum	200.8	2.0	---		50.0380	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	IS-Scandium	200.8	N/A	---		0.9932	1.0	N/A	99	60 - 125	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Selenium	200.8	2.0	---		49.9510	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403

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 #
CCV	Silver	200.8	2.0	---		49.4620	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Strontium	200.8	2.0	---		50.3070	50.0	ug/L	101	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	IS-Terbium	200.8	N/A	---		1.0102	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Thallium	200.8	0.7	---		51.1500	50.0	ug/L	102	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Thorium	200.8	5.0	---		48.9510	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Tin	200.8	2.0	---		49.0110	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Titanium	200.8	5.0	---		50.2490	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Uranium	200.8	1.0	---		49.1410	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Vanadium	200.8	2.0	---		50.1990	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	IS-Yttrium	200.8	N/A	---		0.9903	1.0	N/A	99	60 - 125	---	---	1.0	---	12/18/2019 15:29	4518403
CCV	Zinc	200.8	5.0	---		50.0990	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 15:29	4518403
CCB	Aluminum	200.8	20	---	<	20		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Antimony	200.8	3.0	---	<	3.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Arsenic	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Barium	200.8	100	---	<	100		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Beryllium	200.8	0.3	---	<	0.3		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	IS-Bismuth	200.8	N/A	---		1.0158	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Boron	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Cadmium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Chromium	200.8	7.0	---	<	7.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Cobalt	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Copper	200.8	25	---	<	25		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	IS-Indium	200.8	N/A	---		1.0019	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Lead	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Lithium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Manganese	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Molybdenum	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	IS-Scandium	200.8	N/A	---		0.9901	1.0	N/A	99	60 - 125	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Selenium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Silver	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Strontium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	IS-Terbium	200.8	N/A	---		1.0114	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Thallium	200.8	0.7	---	<	0.7		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Thorium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Tin	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Titanium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Uranium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Vanadium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	IS-Yttrium	200.8	N/A	---		1.0019	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 15:33	4518404
CCB	Zinc	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 15:33	4518404
FS	Aluminum	200.8	20	RR Raw/Wells 1&3	<	20		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441

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	Antimony	200.8	3.0	RR Raw/Wells 1&3	<	3.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Arsenic	200.8	2.0	RR Raw/Wells 1&3	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Barium	200.8	100	RR Raw/Wells 1&3	<	100		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Beryllium	200.8	0.3	RR Raw/Wells 1&3	<	0.3		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	IS-Bismuth	200.8	N/A	RR Raw/Wells 1&3		1.0471	1.0	N/A	105	60 - 125	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Boron	200.8	5.0	RR Raw/Wells 1&3		32		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Cadmium	200.8	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Chromium	200.8	7.0	RR Raw/Wells 1&3	<	7.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Cobalt	200.8	2.0	RR Raw/Wells 1&3	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Copper	200.8	25	RR Raw/Wells 1&3	<	25		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	IS-Indium	200.8	N/A	RR Raw/Wells 1&3		1.0342	1.0	N/A	103	60 - 125	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Lead	200.8	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Lithium	200.8	2.0	RR Raw/Wells 1&3		3.3		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Manganese	200.8	5.0	RR Raw/Wells 1&3		140		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Molybdenum	200.8	2.0	RR Raw/Wells 1&3	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	IS-Scandium	200.8	N/A	RR Raw/Wells 1&3		1.0081	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Selenium	200.8	2.0	RR Raw/Wells 1&3	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Silver	200.8	2.0	RR Raw/Wells 1&3	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Strontium	200.8	2.0	RR Raw/Wells 1&3		110		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	IS-Terbium	200.8	N/A	RR Raw/Wells 1&3		1.0612	1.0	N/A	106	60 - 125	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Thallium	200.8	0.7	RR Raw/Wells 1&3	<	0.7		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Thorium	200.8	5.0	RR Raw/Wells 1&3	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Tin	200.8	2.0	RR Raw/Wells 1&3	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Titanium	200.8	5.0	RR Raw/Wells 1&3	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Uranium	200.8	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Vanadium	200.8	2.0	RR Raw/Wells 1&3	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
FS	IS-Yttrium	200.8	N/A	RR Raw/Wells 1&3		1.0123	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 16:12	4511441
FS	Zinc	200.8	5.0	RR Raw/Wells 1&3	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:12	4511441
CCV	Aluminum	200.8	20	---		50.1630	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Antimony	200.8	3.0	---		48.7520	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Arsenic	200.8	2.0	---		48.8460	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Barium	200.8	100	---		49.3490	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Beryllium	200.8	0.3	---		49.3830	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	IS-Bismuth	200.8	N/A	---		1.0764	1.0	N/A	108	60 - 125	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Boron	200.8	5.0	---		49.3060	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Cadmium	200.8	1.0	---		49.1050	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Chromium	200.8	7.0	---		49.4570	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Cobalt	200.8	2.0	---		49.7780	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Copper	200.8	25	---		49.1310	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	IS-Indium	200.8	N/A	---		1.0365	1.0	N/A	104	60 - 125	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Lead	200.8	1.0	---		48.6830	50.0	ug/L	97	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405

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 #
CCV	Lithium	200.8	2.0	---		49.0970	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Manganese	200.8	5.0	---		49.3290	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Molybdenum	200.8	2.0	---		48.7750	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	IS-Scandium	200.8	N/A	---		0.9985	1.0	N/A	100	60 - 125	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Selenium	200.8	2.0	---		49.6630	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Silver	200.8	2.0	---		48.5250	50.0	ug/L	97	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Strontium	200.8	2.0	---		49.9620	50.0	ug/L	100	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	IS-Terbium	200.8	N/A	---		1.0586	1.0	N/A	106	60 - 125	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Thallium	200.8	0.7	---		50.9290	50.0	ug/L	102	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Thorium	200.8	5.0	---		48.6630	50.0	ug/L	97	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Tin	200.8	2.0	---		48.5490	50.0	ug/L	97	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Titanium	200.8	5.0	---		49.0890	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Uranium	200.8	1.0	---		48.9560	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Vanadium	200.8	2.0	---		49.5910	50.0	ug/L	99	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	IS-Yttrium	200.8	N/A	---		1.0154	1.0	N/A	102	60 - 125	---	---	1.0	---	12/18/2019 16:15	4518405
CCV	Zinc	200.8	5.0	---		48.8340	50.0	ug/L	98	85 - 115	---	---	1.0	---	12/18/2019 16:15	4518405
CCB	Aluminum	200.8	20	---	<	20		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Antimony	200.8	3.0	---	<	3.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Arsenic	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Barium	200.8	100	---	<	100		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Beryllium	200.8	0.3	---	<	0.3		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	IS-Bismuth	200.8	N/A	---		1.0675	1.0	N/A	107	60 - 125	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Boron	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Cadmium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Chromium	200.8	7.0	---	<	7.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Cobalt	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Copper	200.8	25	---	<	25		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	IS-Indium	200.8	N/A	---		1.0324	1.0	N/A	103	60 - 125	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Lead	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Lithium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Manganese	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Molybdenum	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	IS-Scandium	200.8	N/A	---		0.9924	1.0	N/A	99	60 - 125	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Selenium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Silver	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Strontium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	IS-Terbium	200.8	N/A	---		1.0605	1.0	N/A	106	60 - 125	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Thallium	200.8	0.7	---	<	0.7		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Thorium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Tin	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Titanium	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406

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 #
CCB	Uranium	200.8	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Vanadium	200.8	2.0	---	<	2.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	IS-Yttrium	200.8	N/A	---		1.0142	1.0	N/A	101	60 - 125	---	---	1.0	---	12/18/2019 16:18	4518406
CCB	Zinc	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/18/2019 16:18	4518406

Eurofins Eaton Analytical

Run Log

Run ID: **269181** Method: **200.8**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
QCS	4519876		RW	DS	12/19/2019 12:30	
ICV	4519877		RW	DS	12/19/2019 12:33	
ICB	4519878		RW	DS	12/19/2019 12:36	
LRB	4519879		RW	DS	12/19/2019 12:40	
LFB	4519881		RW	DS	12/19/2019 12:49	
FS	4511441	RR Raw/Wells 1&3	DW	DS	12/19/2019 13:00	
CCV	4519884		RW	DS	12/19/2019 13:18	
CCB	4519885		RW	DS	12/19/2019 13:21	

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 #
QCS	Nickel	200.8	5.0	---		49.2590	50.0	ug/L	99	90 - 110	---	---	1.0	---	12/19/2019 12:30	4519876
ICV	Nickel	200.8	5.0	---		48.4460	50.0	ug/L	97	90 - 110	---	---	1.0	---	12/19/2019 12:33	4519877
ICB	Nickel	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/19/2019 12:36	4519878
LRB	Nickel	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/19/2019 12:40	4519879
LFB	Nickel	200.8	5.0	---		45.9050	50.0	ug/L	92	85 - 115	---	---	1.0	---	12/19/2019 12:49	4519881
FS	Nickel	200.8	5.0	RR Raw/Wells 1&3	<	5.0		ug/L	---	---	---	---	1.0	---	12/19/2019 13:00	4511441
CCV	Nickel	200.8	5.0	---	<	48.3240	50.0	ug/L	97	85 - 115	---	---	1.0	---	12/19/2019 13:18	4519884
CCB	Nickel	200.8	5.0	---	<	5.0		ug/L	---	---	---	---	1.0	---	12/19/2019 13:21	4519885

Eurofins Eaton Analytical

Run Log

Run ID: **269426** Method: **200.8**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
ICB	4524990		RW	DS	12/27/2019 14:19	
CCL	4524997		RW	DS	12/27/2019 14:49	
CCB	4524998		RW	DS	12/27/2019 14:53	
QCS	4524999		RW	DS	12/27/2019 14:57	
LDB	4523787		RW	DS	12/27/2019 15:01	
DFBL	4523788		RW	DS	12/27/2019 15:05	
FS	4511455	RR Raw/Wells 1&3	DW	DS	12/27/2019 15:43	
CCM	4525000		RW	DS	12/27/2019 15:52	
CCB	4525001		RW	DS	12/27/2019 15:56	
CCB	4525005		RW	DS	12/27/2019 16:54	

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 #
ICB	Germanium	200.8	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/27/2019 11:30	12/27/2019 14:19	4524990
ICB	IS-Indium	200.8	N/A	--		1.0000	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:19	4524990
ICB	IS-Scandium	200.8	N/A	--		1.0000	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:19	4524990
ICB	IS-Yttrium	200.8	N/A	--		1.0000	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:19	4524990
CCL	Germanium	200.8	1.0	--		0.3400	0.3	ug/L	113	50 - 150	---	---	1.0	12/27/2019 11:30	12/27/2019 14:49	4524997
CCL	IS-Indium	200.8	N/A	--		1.0046	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:49	4524997
CCL	IS-Scandium	200.8	N/A	--		0.9980	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:49	4524997
CCL	IS-Yttrium	200.8	N/A	--		0.9976	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:49	4524997
CCB	Germanium	200.8	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/27/2019 11:30	12/27/2019 14:53	4524998
CCB	IS-Indium	200.8	N/A	--		0.9992	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:53	4524998
CCB	IS-Scandium	200.8	N/A	--		0.9984	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:53	4524998
CCB	IS-Yttrium	200.8	N/A	--		0.9915	1.0	N/A	99	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:53	4524998
QCS	Germanium	200.8	1.0	--		48.6020	50.0	ug/L	97	90 - 110	---	---	1.0	12/27/2019 11:30	12/27/2019 14:57	4524999
QCS	IS-Indium	200.8	N/A	--		0.9942	1.0	N/A	99	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:57	4524999
QCS	IS-Scandium	200.8	N/A	--		0.9863	1.0	N/A	99	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:57	4524999
QCS	IS-Yttrium	200.8	N/A	--		0.9971	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 14:57	4524999
LDB	Germanium	200.8	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/26/2019 14:25	12/27/2019 15:01	4523787
LDB	IS-Indium	200.8	N/A	--		0.9950	1.0	N/A	99	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:01	4523787
LDB	IS-Scandium	200.8	N/A	--		0.9868	1.0	N/A	99	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:01	4523787
LDB	IS-Yttrium	200.8	N/A	--		0.9891	1.0	N/A	99	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:01	4523787
DFBL	Germanium	200.8	1.0	--		0.2830	0.3	ug/L	94	50 - 150	---	---	1.0	12/26/2019 14:25	12/27/2019 15:05	4523788
DFBL	IS-Indium	200.8	N/A	--		0.9925	1.0	N/A	99	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:05	4523788
DFBL	IS-Scandium	200.8	N/A	--		1.0009	1.0	N/A	100	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:05	4523788
DFBL	IS-Yttrium	200.8	N/A	--		0.9937	1.0	N/A	99	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:05	4523788
FS	Germanium	200.8	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	12/26/2019 14:25	12/27/2019 15:43	4511455
FS	IS-Indium	200.8	N/A	RR Raw/Wells 1&3		0.9612	1.0	N/A	96	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:43	4511455
FS	IS-Scandium	200.8	N/A	RR Raw/Wells 1&3		0.9679	1.0	N/A	97	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:43	4511455
FS	IS-Yttrium	200.8	N/A	RR Raw/Wells 1&3		0.9554	1.0	N/A	96	60 - 125	---	---	1.0	12/26/2019 14:25	12/27/2019 15:43	4511455
CCM	Germanium	200.8	1.0	--		48.9700	50.0	ug/L	98	85 - 115	---	---	1.0	12/27/2019 11:30	12/27/2019 15:52	4525000
CCM	IS-Indium	200.8	N/A	--		0.9791	1.0	N/A	98	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 15:52	4525000
CCM	IS-Scandium	200.8	N/A	--		0.9813	1.0	N/A	98	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 15:52	4525000
CCM	IS-Yttrium	200.8	N/A	--		0.9766	1.0	N/A	98	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 15:52	4525000
CCB	Germanium	200.8	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/27/2019 11:30	12/27/2019 15:56	4525001
CCB	IS-Indium	200.8	N/A	--		0.9798	1.0	N/A	98	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 15:56	4525001
CCB	IS-Scandium	200.8	N/A	--		0.9782	1.0	N/A	98	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 15:56	4525001
CCB	IS-Yttrium	200.8	N/A	--		0.9803	1.0	N/A	98	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 15:56	4525001
CCB	Germanium	200.8	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/27/2019 11:30	12/27/2019 16:54	4525005
CCB	IS-Indium	200.8	N/A	--		0.9974	1.0	N/A	100	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 16:54	4525005
CCB	IS-Scandium	200.8	N/A	--		0.9931	1.0	N/A	99	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 16:54	4525005
CCB	IS-Yttrium	200.8	N/A	--		0.9879	1.0	N/A	99	60 - 125	---	---	1.0	12/27/2019 11:30	12/27/2019 16:54	4525005

QC Summary Report (cont.)

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



Eurofins Eaton Analytical

Run Log

Run ID: 269138 Method: 218.7

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
LRB	4518752		RW	DP	12/18/2019 17:01	
QCS	4518753		RW	DP	12/18/2019 17:14	
CCL	4518755		RW	DP	12/18/2019 17:27	
FS	4511439	RR Raw/Wells 1&3	DW	DP	12/18/2019 17:40	
LFSMH	4518756	RR Raw/Wells 1&3	DW	DP	12/18/2019 17:54	
LFSMDH	4518757	RR Raw/Wells 1&3	DW	DP	12/18/2019 18:07	
CCM	4518758		RW	DP	12/18/2019 18:20	

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 #
LRB	Chromium, Hexavalent	218.7	0.02	--	<	0.02		ug/L	---	---	---	---	1.0	---	12/18/2019 17:01	4518752
QCS	Chromium, Hexavalent	218.7	0.02	--		1.0834	1.0	ug/L	108	85 - 115	---	---	1.0	---	12/18/2019 17:14	4518753
CCL	Chromium, Hexavalent	218.7	0.02	--		0.0148	0.02	ug/L	74	50 - 150	---	---	1.0	---	12/18/2019 17:27	4518755
FS	Chromium, Hexavalent	218.7	0.02	RR Raw/Wells 1&3		0.04		ug/L	---	---	---	---	1.0	---	12/18/2019 17:40	4511439
LFSMH	Chromium, Hexavalent	218.7	0.02	RR Raw/Wells 1&3		5.1271	5.0395	ug/L	102	85 - 115	---	---	1.0	---	12/18/2019 17:54	4518756
LFSMDH	Chromium, Hexavalent	218.7	0.02	RR Raw/Wells 1&3		5.3032	5.0395	ug/L	105	85 - 115	3.4	15	1.0	---	12/18/2019 18:07	4518757
CCM	Chromium, Hexavalent	218.7	0.02	--		1.0155	1.0	ug/L	102	85 - 115	---	---	1.0	---	12/18/2019 18:20	4518758

Eurofins Eaton Analytical

Run Log

Run ID: **269063** Method: **245.1**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
UQCSM	4516822		RW	DE	12/17/2019 13:50	
IPC	4516823		RW	DE	12/17/2019 13:53	
ICB	4516824		RW	DE	12/17/2019 13:56	
LRB	4516825		RW	DE	12/17/2019 13:58	
LFB	4516827		RW	DE	12/17/2019 14:02	
FS	4511441	RR Raw/Wells 1&3	DW	DE	12/17/2019 14:21	
CCC	4516831		RW	DE	12/17/2019 14:37	
CCB	4516832		RW	DE	12/17/2019 14:39	
CCB	4516836		RW	DE	12/17/2019 15:12	
LRB	4516838		RW	DE	12/17/2019 15:16	
LFB	4516840		RW	DE	12/17/2019 15:21	
CCB	4516845		RW	DE	12/17/2019 15:55	

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 #
UQCSM	Mercury	245.1	0.2	---		0.8970	1.0	ug/L	90	90 - 110	---	---	1.0	12/17/2019 12:30	12/17/2019 13:50	4516822
IPC	Mercury	245.1	0.2	---		0.9930	1.0	ug/L	99	95 - 105	---	---	1.0	---	12/17/2019 13:53	4516823
ICB	Mercury	245.1	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/17/2019 13:56	4516824
LRB	Mercury	245.1	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	12/16/2019 16:05	12/17/2019 13:58	4516825
LFB	Mercury	245.1	0.2	---		1.0600	1.0	ug/L	105	85 - 115	---	---	1.0	12/16/2019 16:05	12/17/2019 14:02	4516827
FS	Mercury	245.1	0.2	RR Raw/Wells 1&3	<	0.2		ug/L	---	---	---	---	1.0	12/16/2019 16:05	12/17/2019 14:21	4511441
CCC	Mercury	245.1	0.2	---		1.0000	1.0	ug/L	100	90 - 110	---	---	1.0	---	12/17/2019 14:37	4516831
CCB	Mercury	245.1	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/17/2019 14:39	4516832
CCB	Mercury	245.1	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/17/2019 15:12	4516836
LRB	Mercury	245.1	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	12/16/2019 16:05	12/17/2019 15:16	4516838
LFB	Mercury	245.1	0.2	---		1.0600	1.0	ug/L	106	85 - 115	---	---	1.0	12/16/2019 16:05	12/17/2019 15:21	4516840
CCB	Mercury	245.1	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/17/2019 15:55	4516845

Eurofins Eaton Analytical

Run Log

Run ID: **269034** Method: **300.0**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
ICB	4515690		RW	DT	12/09/2019 16:25	
LRB	4515698		RW	DT	12/13/2019 15:35	
LFB	4515699		RW	DT	12/13/2019 16:03	
IPC	4515701		RW	DT	12/13/2019 22:34	
CCB	4515702		RW	DT	12/13/2019 23:02	
FS	4511440	RR Raw/Wells 1&3	DW	DT	12/14/2019 02:46	
IPC	4515705		RW	DT	12/14/2019 05:33	
CCB	4515706		RW	DT	12/14/2019 06:01	

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 #
ICB	Bromide	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/09/2019 16:25	4515690
ICB	Chlorate	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/09/2019 16:25	4515690
LRB	Bromide	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/13/2019 15:35	4515698
LRB	Chlorate	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/13/2019 15:35	4515698
LFB	Bromide	300.0	10	---		246.7150	250	ug/L	99	90 - 110	---	---	1.0	---	12/13/2019 16:03	4515699
LFB	Chlorate	300.0	10	---		248.7960	250	ug/L	100	90 - 110	---	---	1.0	---	12/13/2019 16:03	4515699
IPC	Bromide	300.0	10	---		247.7310	250	ug/L	99	90 - 110	---	---	1.0	---	12/13/2019 22:34	4515701
IPC	Chlorate	300.0	10	---		249.4960	250	ug/L	100	90 - 110	---	---	1.0	---	12/13/2019 22:34	4515701
CCB	Bromide	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/13/2019 23:02	4515702
CCB	Chlorate	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/13/2019 23:02	4515702
FS	Bromide	300.0	10	RR Raw/Wells 1&3		38		ug/L	---	---	---	---	1.0	---	12/14/2019 02:46	4511440
FS	Chlorate	300.0	10	RR Raw/Wells 1&3	<	10		ug/L	---	---	---	---	1.0	---	12/14/2019 02:46	4511440
IPC	Bromide	300.0	10	---		247.7670	250	ug/L	99	90 - 110	---	---	1.0	---	12/14/2019 05:33	4515705
IPC	Chlorate	300.0	10	---		249.4340	250	ug/L	100	90 - 110	---	---	1.0	---	12/14/2019 05:33	4515705
CCB	Bromide	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/14/2019 06:01	4515706
CCB	Chlorate	300.0	10	---	<	10		ug/L	---	---	---	---	1.0	---	12/14/2019 06:01	4515706

Eurofins Eaton Analytical

Run Log

Run ID: 269158 Method: 331.0

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCL	4517869		RW	PW6	12/18/2019 21:55	121819M331a.mdb
CCM	4517871		RW	PW6	12/18/2019 22:17	121819M331a.mdb
LMB	4517873		RW	PW6	12/18/2019 22:39	121819M331a.mdb
FBL	4517874		RW	PW6	12/18/2019 23:01	121819M331a.mdb
FS	4511438	RR Raw/Wells 1&3	DW	PW6	12/19/2019 01:55	121819M331a.mdb
CCH	4517872		RW	PW6	12/19/2019 03:01	121819M331a.mdb
CCL	4517870		RW	PW6	12/19/2019 07:45	121819M331a.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	Perchlorate	331.0	0.05	--		0.0475	0.05	ug/L	95	50 - 150	---	---	1.0	---	12/18/2019 21:55	4517869
CCM	Perchlorate	331.0	0.05	--		4.8165	5.0	ug/L	96	80 - 120	---	---	1.0	---	12/18/2019 22:17	4517871
LMB	Perchlorate	331.0	0.05	--	<	0.05		ug/L	---	---	---	---	1.0	---	12/18/2019 22:39	4517873
FBL	Perchlorate	331.0	0.05	--		0.0533	0.05	ug/L	107	50 - 150	---	---	1.0	---	12/18/2019 23:01	4517874
FS	Perchlorate	331.0	0.05	RR Raw/Wells 1&3		0.27		ug/L	---	---	---	---	1.0	---	12/19/2019 01:55	4511438
CCH	Perchlorate	331.0	0.05	--		9.8217	10.0	ug/L	98	80 - 120	---	---	1.0	---	12/19/2019 03:01	4517872
CCL	Perchlorate	331.0	0.05	--		0.0503	0.05	ug/L	101	50 - 150	---	---	1.0	---	12/19/2019 07:45	4517870

Eurofins Eaton Analytical

Run Log

Run ID: 269272 Method: 335.4

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
QCS	4522302		RW	FG	12/20/2019 17:30	
CCB	4522304		RW	FG	12/20/2019 17:32	
LFB	4522305		RW	FG	12/20/2019 17:33	
FBL	4522306		RW	FG	12/20/2019 17:34	
LRB	4522307		RW	FG	12/20/2019 17:35	
CCB	4522311		RW	FG	12/20/2019 17:48	
CCC	4522314		RW	FG	12/20/2019 18:00	
CCB	4522315		RW	FG	12/20/2019 18:01	
LFB	4522316		RW	FG	12/20/2019 18:02	
FBL	4522317		RW	FG	12/20/2019 18:03	
LRB	4522318		RW	FG	12/20/2019 18:04	
CCC	4522322		RW	FG	12/20/2019 18:17	
CCB	4522323		RW	FG	12/20/2019 18:18	
FS	4511446	RR Raw/Wells 1&3	DW	FG	12/20/2019 18:21	
CCC	4522327		RW	FG	12/20/2019 18:31	
CCB	4522328		RW	FG	12/20/2019 18:32	

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 #
QCS	Cyanide, Total	335.4	0.02	---		0.1086	0.1	mg/L	109	90 - 110	---	---	1.0	12/20/2019 15:44	12/20/2019 17:30	4522302
CCB	Cyanide, Total	335.4	0.02	---	<	0.02		mg/L	---	---	---	---	1.0	---	12/20/2019 17:32	4522304
LFB	Cyanide, Total	335.4	0.02	---		0.1037	0.1	mg/L	104	90 - 110	---	---	1.0	12/20/2019 15:44	12/20/2019 17:33	4522305
FBL	Cyanide, Total	335.4	0.02	---		0.0190	0.02	mg/L	95	50 - 150	---	---	1.0	12/20/2019 15:44	12/20/2019 17:34	4522306
LRB	Cyanide, Total	335.4	0.02	---	<	0.02		mg/L	---	---	---	---	1.0	12/20/2019 15:44	12/20/2019 17:35	4522307
CCB	Cyanide, Total	335.4	0.02	---	<	0.02		mg/L	---	---	---	---	1.0	---	12/20/2019 17:48	4522311
CCC	Cyanide, Total	335.4	0.02	---		0.1085	0.1	mg/L	108	90 - 110	---	---	1.0	12/20/2019 18:00	12/20/2019 18:00	4522314
CCB	Cyanide, Total	335.4	0.02	---	<	0.02		mg/L	---	---	---	---	1.0	---	12/20/2019 18:01	4522315
LFB	Cyanide, Total	335.4	0.02	---		0.1048	0.1	mg/L	105	90 - 110	---	---	1.0	12/20/2019 16:37	12/20/2019 18:02	4522316
FBL	Cyanide, Total	335.4	0.02	---		0.0208	0.02	mg/L	104	50 - 150	---	---	1.0	12/20/2019 16:37	12/20/2019 18:03	4522317
LRB	Cyanide, Total	335.4	0.02	---	<	0.02		mg/L	---	---	---	---	1.0	12/20/2019 16:37	12/20/2019 18:04	4522318
CCC	Cyanide, Total	335.4	0.02	---		0.1092	0.1	mg/L	109	90 - 110	---	---	1.0	12/20/2019 18:17	12/20/2019 18:17	4522322
CCB	Cyanide, Total	335.4	0.02	---	<	0.02		mg/L	---	---	---	---	1.0	---	12/20/2019 18:18	4522323
FS	Cyanide, Total	335.4	0.02	RR Raw/Wells 1&3	<	0.02		mg/L	---	---	---	---	1.0	12/20/2019 16:37	12/20/2019 18:21	4511446
CCC	Cyanide, Total	335.4	0.02	---		0.1098	0.1	mg/L	110	90 - 110	---	---	1.0	---	12/20/2019 18:31	4522327
CCB	Cyanide, Total	335.4	0.02	---	<	0.02		mg/L	---	---	---	---	1.0	---	12/20/2019 18:32	4522328

Eurofins Eaton Analytical

Run Log

Run ID: 268875 Method: 353.2

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
QCS	4512619		RW	BH	12/12/2019 16:07	
CCC	4512620		RW	BH	12/12/2019 16:08	
CCB	4512621		RW	BH	12/12/2019 16:09	
LFB	4512622		RW	BH	12/12/2019 16:10	
NCC	4512623		RW	BH	12/12/2019 16:11	
LRB	4512625		RW	BH	12/12/2019 16:13	
FS	4511442	RR Raw/Wells 1&3	DW	BH	12/12/2019 16:25	
CCC	4512628		RW	BH	12/12/2019 16:29	
CCB	4512629		RW	BH	12/12/2019 16:30	
PFB	4477791		RW	BH	12/12/2019 16:31	
PRB	4477792		RW	BH	12/12/2019 16:32	
CCB	4512633		RW	BH	12/12/2019 16:41	

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 #
QCS	Nitrate	353.2	0.1	---		5.7839	6.0	mg/L	96	90 - 110	---	---	1.0	---	12/12/2019 16:07	4512619
CCC	Nitrate	353.2	0.1	---		3.9646	4.0	mg/L	99	90 - 110	---	---	1.0	---	12/12/2019 16:08	4512620
CCB	Nitrate	353.2	0.1	---	<	0.1		mg/L	---	---	---	---	1.0	---	12/12/2019 16:09	4512621
LFB	Nitrate	353.2	0.1	---		3.9104	4.0	mg/L	98	90 - 110	---	---	1.0	---	12/12/2019 16:10	4512622
NCC	Nitrate	353.2	0.1	---		3.9543	4.0	mg/L	99	90 - 110	---	---	1.0	---	12/12/2019 16:11	4512623
LRB	Nitrate	353.2	0.1	---	<	0.1		mg/L	---	---	---	---	1.0	---	12/12/2019 16:13	4512625
FS	Nitrate	353.2	0.1	RR Raw/Wells 1&3		0.5		mg/L	---	---	---	---	1.0	---	12/12/2019 16:25	4511442
CCC	Nitrate	353.2	0.1	---		3.9113	4.0	mg/L	98	90 - 110	---	---	1.0	---	12/12/2019 16:29	4512628
CCB	Nitrate	353.2	0.1	---	<	0.1		mg/L	---	---	---	---	1.0	---	12/12/2019 16:30	4512629
PFB	Nitrate	353.2	0.1	---		3.8626	4.0	mg/L	97	90 - 110	---	---	1.0	---	12/12/2019 16:31	4477791
PRB	Nitrate	353.2	0.1	---	<	0.1		mg/L	---	---	---	---	1.0	---	12/12/2019 16:32	4477792
CCB	Nitrate	353.2	0.1	---	<	0.1		mg/L	---	---	---	---	1.0	---	12/12/2019 16:41	4512633

Eurofins Eaton Analytical

Run Log

Run ID: 268876 Method: 353.2

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
QCS	4512639		RW	BH	12/12/2019 16:55	
CCC	4512640		RW	BH	12/12/2019 16:56	
CCB	4512641		RW	BH	12/12/2019 16:57	
LFB	4512642		RW	BH	12/12/2019 16:58	
LRB	4512644		RW	BH	12/12/2019 16:59	
FS	4511442	RR Raw/Wells 1&3	DW	BH	12/12/2019 17:09	
CCC	4512645		RW	BH	12/12/2019 17:11	
CCB	4512646		RW	BH	12/12/2019 17:12	
PFB	4512647		RW	BH	12/12/2019 17:12	
PRB	4512648		RW	BH	12/12/2019 17:13	
CCB	4512650		RW	BH	12/12/2019 17:19	

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 #
QCS	Nitrite	353.2	0.05	---		0.2373	0.25	mg/L	95	90 - 110	---	---	1.0	---	12/12/2019 16:55	4512639
CCC	Nitrite	353.2	0.05	---		0.2003	0.2	mg/L	100	90 - 110	---	---	1.0	---	12/12/2019 16:56	4512640
CCB	Nitrite	353.2	0.05	---	<	0.05		mg/L	---	---	---	---	1.0	---	12/12/2019 16:57	4512641
LFB	Nitrite	353.2	0.05	---		0.1948	0.2	mg/L	97	90 - 110	---	---	1.0	---	12/12/2019 16:58	4512642
LRB	Nitrite	353.2	0.05	---	<	0.05		mg/L	---	---	---	---	1.0	---	12/12/2019 16:59	4512644
FS	Nitrite	353.2	0.05	RR Raw/Wells 1&3	<	0.05		mg/L	---	---	---	---	1.0	---	12/12/2019 17:09	4511442
CCC	Nitrite	353.2	0.05	---		0.2003	0.2	mg/L	100	90 - 110	---	---	1.0	---	12/12/2019 17:11	4512645
CCB	Nitrite	353.2	0.05	---	<	0.05		mg/L	---	---	---	---	1.0	---	12/12/2019 17:12	4512646
PFB	Nitrite	353.2	0.05	---		0.2017	0.2	mg/L	101	90 - 110	---	---	1.0	---	12/12/2019 17:12	4512647
PRB	Nitrite	353.2	0.05	---	<	0.05		mg/L	---	---	---	---	1.0	---	12/12/2019 17:13	4512648
CCB	Nitrite	353.2	0.05	---	<	0.05		mg/L	---	---	---	---	1.0	---	12/12/2019 17:19	4512650

Eurofins Eaton Analytical

Run Log

Run ID: 269494 Method: 4500-F-C

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
QCS	4521312		RW	BB	12/30/2019 13:47	
CCC	4525826		RW	BB	12/30/2019 13:50	
CCB	4525827		RW	BB	12/30/2019 13:54	
LFB	4521314		RW	BB	12/30/2019 13:58	
LRB	4525829		RW	BB	12/30/2019 14:04	
FS	4511442	RR Raw/Wells 1&3	DW	BB	12/30/2019 14:24	
CCC	4525830		RW	BB	12/30/2019 14:51	
CCB	4525831		RW	BB	12/30/2019 14:55	
CCB	4525833		RW	BB	12/30/2019 15:43	

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 #
QCS	Fluoride	4500-F-C	0.2	---		1.9354	2.0	mg/L	97	90 - 110	---	---	1.0	---	12/30/2019 13:47	4521312
CCC	Fluoride	4500-F-C	0.2	---		1.9742	2.0	mg/L	99	90 - 110	---	---	1.0	---	12/30/2019 13:50	4525826
CCB	Fluoride	4500-F-C	0.2	---	<	0.2		mg/L	---	---	---	---	1.0	---	12/30/2019 13:54	4525827
LFB	Fluoride	4500-F-C	0.2	---		2.0558	2.0	mg/L	103	90 - 110	---	---	1.0	---	12/30/2019 13:58	4521314
LRB	Fluoride	4500-F-C	0.2	---	<	0.2		mg/L	---	---	---	---	1.0	---	12/30/2019 14:04	4525829
FS	Fluoride	4500-F-C	0.2	RR Raw/Wells 1&3	<	0.2		mg/L	---	---	---	---	1.0	---	12/30/2019 14:24	4511442
CCC	Fluoride	4500-F-C	0.2	---		2.0146	2.0	mg/L	101	90 - 110	---	---	1.0	---	12/30/2019 14:51	4525890
CCB	Fluoride	4500-F-C	0.2	---	<	0.2		mg/L	---	---	---	---	1.0	---	12/30/2019 14:55	4525831
CCB	Fluoride	4500-F-C	0.2	---	<	0.2		mg/L	---	---	---	---	1.0	---	12/30/2019 15:43	4525833

Eurofins Eaton Analytical

Run Log

Run ID: 269255 Method: 504.1

Type	Sample Id	Sample Site	Matrix	Instrument ID	Analysis Date	Calibration File
CCL	4518836		RW	BN	12/19/2019 12:40	m 504.1 120419BN
CCC	4518834		RW	BN	12/19/2019 13:05	m 504.1 120419BN
LFB	4518832		RW	BN	12/19/2019 13:29	m 504.1 120419BN
LMB	4518831		RW	BN	12/19/2019 13:53	m 504.1 120419BN
FS	4511450	RR Raw/Wells 1&3	DW	BN	12/19/2019 14:42	m 504.1 120419BN
LFB	4518833		RW	BN	12/19/2019 18:46	m 504.1 120419BN
CCC	4518835		RW	BN	12/20/2019 00:04	m 504.1 120419BN

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	4-Bromofluorobenzene	504.1	N/A	---		579	646	ug/L	90	50 - 150	---	---	1.0	12/19/2019 10:20	12/19/2019 12:40	4518836
CCL	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.01	---		0.0217	0.02	ug/L	108	60 - 140	---	---	1.0	12/19/2019 10:20	12/19/2019 12:40	4518836
CCL	1,2-Dibromoethane (EDB)	504.1	0.01	---		0.0226	0.02	ug/L	113	60 - 140	---	---	1.0	12/19/2019 10:20	12/19/2019 12:40	4518836
CCC	4-Bromofluorobenzene	504.1	N/A	---		627	646	ug/L	97	50 - 150	---	---	1.0	12/19/2019 10:20	12/19/2019 13:05	4518834
CCC	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.01	---		0.1064	0.1	ug/L	106	70 - 130	---	---	1.0	12/19/2019 10:20	12/19/2019 13:05	4518834
CCC	1,2-Dibromoethane (EDB)	504.1	0.01	---		0.1179	0.1	ug/L	118	70 - 130	---	---	1.0	12/19/2019 10:20	12/19/2019 13:05	4518834
LFB	4-Bromofluorobenzene	504.1	N/A	---		604	646	ug/L	93	50 - 150	---	---	1.0	12/19/2019 10:20	12/19/2019 13:29	4518832
LFB	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.01	---		0.2719	0.25	ug/L	109	70 - 130	---	---	1.0	12/19/2019 10:20	12/19/2019 13:29	4518832
LFB	1,2-Dibromoethane (EDB)	504.1	0.01	---		0.2938	0.25	ug/L	118	70 - 130	---	---	1.0	12/19/2019 10:20	12/19/2019 13:29	4518832
LMB	4-Bromofluorobenzene	504.1	N/A	---		626	646	ug/L	97	50 - 150	---	---	1.0	12/19/2019 10:20	12/19/2019 13:53	4518831
LMB	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.01	---	<	0.01		ug/L	---	---	---	---	1.0	12/19/2019 10:20	12/19/2019 13:53	4518831
LMB	1,2-Dibromoethane (EDB)	504.1	0.01	---	<	0.01		ug/L	---	---	---	---	1.0	12/19/2019 10:20	12/19/2019 13:53	4518831
FS	4-Bromofluorobenzene	504.1	N/A	RR Raw/Wells 1&3		612	646	ug/L	95	50 - 150	---	---	1.02	12/19/2019 10:20	12/19/2019 14:42	4511450
FS	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.01	RR Raw/Wells 1&3	<	0.01		ug/L	---	---	---	---	1.02	12/19/2019 10:20	12/19/2019 14:42	4511450
FS	1,2-Dibromoethane (EDB)	504.1	0.01	RR Raw/Wells 1&3	<	0.01		ug/L	---	---	---	---	1.02	12/19/2019 10:20	12/19/2019 14:42	4511450
LFB	4-Bromofluorobenzene	504.1	N/A	---		667	646	ug/L	103	50 - 150	---	---	1.0	12/19/2019 10:20	12/19/2019 18:46	4518833
LFB	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.01	---		0.2845	0.25	ug/L	114	70 - 130	---	---	1.0	12/19/2019 10:20	12/19/2019 18:46	4518833
LFB	1,2-Dibromoethane (EDB)	504.1	0.01	---		0.3052	0.25	ug/L	122	70 - 130	---	---	1.0	12/19/2019 10:20	12/19/2019 18:46	4518833
CCC	4-Bromofluorobenzene	504.1	N/A	---		611	646	ug/L	95	50 - 150	---	---	1.0	12/19/2019 10:20	12/20/2019 00:04	4518835
CCC	1,2-Dibromo-3-chloropropane (DBCP)	504.1	0.01	---		0.1094	0.1	ug/L	109	70 - 130	---	---	1.0	12/19/2019 10:20	12/20/2019 00:04	4518835
CCC	1,2-Dibromoethane (EDB)	504.1	0.01	---		0.1218	0.1	ug/L	122	70 - 130	---	---	1.0	12/19/2019 10:20	12/20/2019 00:04	4518835

Eurofins Eaton Analytical

Run Log

Run ID: 269350 Method: 505

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4521237		RW	CP	12/20/2019 19:29	m 505 122019CP
LMB	4521229		RW	CP	12/20/2019 19:54	m 505 122019CP
CCC	4521238		RW	CP	12/20/2019 23:59	m 505 122019CP
FS	4511454	RR Raw/Wells 1&3	DW	CP	12/21/2019 04:30	m 505 122019CP
CCC	4521239		RW	CP	12/21/2019 06:57	m 505 122019CP

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 #
CCC	Chlordane	505	0.1	---		0.8463	1.0	ug/L	85	70 - 130	---	---	1.0	12/20/2019 13:22	12/20/2019 19:29	4521237
CCC	Decachlorobiphenyl	505	N/A	---		3961	3657	ug/L	108	50 - 150	---	---	1.0	12/20/2019 13:22	12/20/2019 19:29	4521237
LMB	Aroclor 1016	505	0.08	---	<	0.08		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Aroclor 1221	505	0.19	---	<	0.19		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Aroclor 1232	505	0.23	---	<	0.23		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Aroclor 1242	505	0.26	---	<	0.26		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Aroclor 1248	505	0.1	---	<	0.1		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Aroclor 1254	505	0.1	---	<	0.1		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Aroclor 1260	505	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Chlordane	505	0.1	---	<	0.1		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Decachlorobiphenyl	505	N/A	---		3689	3657	ug/L	101	50 - 150	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
LMB	Toxaphene	505	1.0	---	<	1.0		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/20/2019 19:54	4521229
CCC	Decachlorobiphenyl	505	N/A	---		3358	3657	ug/L	92	50 - 150	---	---	1.0	12/20/2019 13:22	12/20/2019 23:59	4521238
CCC	Toxaphene	505	1.0	---		2.7801	3.0	ug/L	93	70 - 130	---	---	1.0	12/20/2019 13:22	12/20/2019 23:59	4521238
FS	Aroclor 1016	505	0.08	RR Raw/Wells 1&3	<	0.08		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Aroclor 1221	505	0.19	RR Raw/Wells 1&3	<	0.19		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Aroclor 1232	505	0.23	RR Raw/Wells 1&3	<	0.23		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Aroclor 1242	505	0.26	RR Raw/Wells 1&3	<	0.26		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Aroclor 1248	505	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Aroclor 1254	505	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Aroclor 1260	505	0.2	RR Raw/Wells 1&3	<	0.2		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Chlordane	505	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Decachlorobiphenyl	505	N/A	RR Raw/Wells 1&3		3672	3657	ug/L	100	50 - 150	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	PCBs, Total	505	0.26	RR Raw/Wells 1&3	<	0.26		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
FS	Toxaphene	505	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	12/20/2019 13:22	12/21/2019 04:30	4511454
CCC	Aroclor 1248	505	0.1	---		0.9033	1.0	ug/L	90	70 - 130	---	---	1.0	12/20/2019 13:22	12/21/2019 06:57	4521239
CCC	Decachlorobiphenyl	505	N/A	---		4121	3657	ug/L	113	50 - 150	---	---	1.0	12/20/2019 13:22	12/21/2019 06:57	4521239



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Run Log

Run ID: 269574 Method: 515.3

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4522810		RW	BS	01/01/2020 00:33	m 515.3 112619BS
CCC	4522809		RW	BS	12/31/2019 11:46	m 515.3 112619BS
LMB	4522807		RW	BS	12/31/2019 12:33	m 515.3 112619BS
FS	4511447	RR Raw/Wells 1&3	DW	BS	12/31/2019 15:45	m 515.3 112619BS

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 #
CCC	IS-4,4'-Dibromooctafluorobiphenyl	515.3	N/A	--		19605	20539	ug/L	95	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	SS-2,4-Dichlorophenylacetic acid	515.3	N/A	--		26.0586	25.0	ug/L	104	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	2,4-D	515.3	0.1	--		3.4082	3.0	ug/L	114	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	Dalapon	515.3	1.0	--		3.4425	3.0	ug/L	115	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	Dicamba	515.3	0.1	--		3.6937	3.0	ug/L	123	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	Dinoseb	515.3	0.1	--		3.5892	3.0	ug/L	120	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	Pentachlorophenol	515.3	0.04	--		0.7568	0.6	ug/L	126	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	Picloram	515.3	0.1	--		1.5696	1.5	ug/L	105	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	2,4,5-TP (Silvex)	515.3	0.1	--		1.7962	1.5	ug/L	120	70 - 130	---	---	1.0	12/23/2019 09:00	01/01/2020 00:33	4522810
CCC	IS-4,4'-Dibromooctafluorobiphenyl	515.3	N/A	--		18997	20539	ug/L	92	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	SS-2,4-Dichlorophenylacetic acid	515.3	N/A	--		26.0206	25.0	ug/L	104	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	2,4-D	515.3	0.1	--		1.0527	1.0	ug/L	105	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	Dalapon	515.3	1.0	--		1.2339	1.0	ug/L	123	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	Dicamba	515.3	0.1	--		1.2929	1.0	ug/L	129	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	Dinoseb	515.3	0.1	--		1.2116	1.0	ug/L	121	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	Pentachlorophenol	515.3	0.04	--		0.2542	0.2	ug/L	127	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	Picloram	515.3	0.1	--		0.4450	0.5	ug/L	89	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
CCC	2,4,5-TP (Silvex)	515.3	0.1	--		0.6161	0.5	ug/L	123	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 11:46	4522809
LMB	IS-4,4'-Dibromooctafluorobiphenyl	515.3	N/A	--		19432	20539	ug/L	95	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	SS-2,4-Dichlorophenylacetic acid	515.3	N/A	--		25.8542	25.0	ug/L	103	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	2,4-D	515.3	0.1	--	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	Dalapon	515.3	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	Dicamba	515.3	0.1	--	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	Dinoseb	515.3	0.1	--	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	Pentachlorophenol	515.3	0.04	--	<	0.04		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	Picloram	515.3	0.1	--	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
LMB	2,4,5-TP (Silvex)	515.3	0.1	--	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 12:33	4522807
FS	IS-4,4'-Dibromooctafluorobiphenyl	515.3	N/A	RR Raw/Wells 1&3		18538	20539	ug/L	90	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	SS-2,4-Dichlorophenylacetic acid	515.3	N/A	RR Raw/Wells 1&3		22.6103	25.0	ug/L	90	70 - 130	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	2,4-D	515.3	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	Dalapon	515.3	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	Dicamba	515.3	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	Dinoseb	515.3	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	Pentachlorophenol	515.3	0.04	RR Raw/Wells 1&3	<	0.04		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	Picloram	515.3	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447
FS	2,4,5-TP (Silvex)	515.3	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	1.0	12/23/2019 09:00	12/31/2019 15:45	4511447



Eaton Analytical

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Run Log

Run ID: 269577 Method: 515.3

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4522809		RW	CC	01/02/2020 09:20	515 3-110719CC-MS.mth
CCC	4522810		RW	CC	01/02/2020 11:46	515 3-110719CC-MS.mth

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 #
CCC	IS-4,4'-Dibromooctafluorobiphenyl	515.3	N/A	---		44435	45071	ug/L	99	70 - 130	---	---	1.0	12/23/2019 09:00	01/02/2020 09:20	4522809
CCC	SS-2,4-Dichlorophenylacetic acid	515.3	N/A	---		25.1120	25.0	ug/L	100	70 - 130	---	---	1.0	12/23/2019 09:00	01/02/2020 09:20	4522809
CCC	IS-4,4'-Dibromooctafluorobiphenyl	515.3	N/A	---		39666	45071	ug/L	88	70 - 130	---	---	1.0	12/23/2019 09:00	01/02/2020 11:46	4522810
CCC	SS-2,4-Dichlorophenylacetic acid	515.3	N/A	---		23.8020	25.0	ug/L	95	70 - 130	---	---	1.0	12/23/2019 09:00	01/02/2020 11:46	4522810

Eurofins Eaton Analytical Run Log

Run ID: 269146 Method: 524.2

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4517020		RW	PW2	12/18/2019 09:27	524 2-120219-PW2.mth
CCL	4517024		RW	PW2	12/18/2019 10:10	524 2-120219-PW2.mth
LMB	4517025		RW	PW2	12/18/2019 10:55	524 2-120219-PW2.mth
FS	4511444	RR Raw/Wells 1&3	DW	PW2	12/18/2019 11:28	524 2-120219-PW2.mth
LTB	4511457	LTB-12/9/19	RW	PW2	12/18/2019 15:22	524 2-120219-PW2.mth
MS	4518367	RR Raw/Wells 1&3	DW	PW2	12/18/2019 17:47	524 2-120219-PW2.mth
MSD	4518368	RR Raw/Wells 1&3	DW	PW2	12/18/2019 18:20	524 2-120219-PW2.mth
CCC	4517021		RW	PW2	12/18/2019 18:54	524 2-120219-PW2.mth
LMB	4517026		RW	PW2	12/18/2019 20:34	524 2-120219-PW2.mth

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 #
CCC	IS-1,4-Difluorobenzene	524.2	N/A	---		361254	361254	ug/L	100	50 - 150	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	SS-Bromofluorobenzene	524.2	N/A	---		5.0870	5.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	SS-1,2-Dichlorobenzene-d4	524.2	N/A	---		9.9190	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	SS-1,2-Dichloroethane-d4	524.2	N/A	---		9.6160	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	SS-Toluene-d8	524.2	N/A	---		10.0540	10.0	ug/L	101	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Benzene	524.2	0.5	---		4.8520	5.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Bromobenzene	524.2	0.5	---		4.8910	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Bromochloromethane	524.2	0.5	---		4.5470	5.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Bromodichloromethane	524.2	0.5	---		4.8180	5.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Bromoform	524.2	0.5	---		5.3150	5.0	ug/L	106	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Bromomethane	524.2	0.5	---		4.9850	5.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	n-Butylbenzene	524.2	0.5	---		4.7160	5.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	sec-Butylbenzene	524.2	0.5	---		4.8240	5.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	tert-Butylbenzene	524.2	0.5	---		5.0440	5.0	ug/L	101	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Carbon tetrachloride	524.2	0.5	---		4.7160	5.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Chlorobenzene	524.2	0.5	---		4.9650	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Chloroethane	524.2	0.5	---		4.3940	5.0	ug/L	88	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Chloroform	524.2	0.5	---		4.2390	5.0	ug/L	85	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Chloromethane	524.2	0.5	---		4.2300	5.0	ug/L	85	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	2-Chlorotoluene	524.2	0.5	---		4.8930	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	4-Chlorotoluene	524.2	0.5	---		4.9910	5.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Dibromochloromethane	524.2	0.5	---		5.1050	5.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	---		4.9370	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2-Dibromoethane (EDB)	524.2	0.2	---		5.0020	5.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Dibromomethane	524.2	0.5	---		4.8630	5.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2-Dichlorobenzene	524.2	0.5	---		4.9810	5.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,3-Dichlorobenzene	524.2	0.5	---		5.0780	5.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,4-Dichlorobenzene	524.2	0.5	---		4.9670	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Dichlorodifluoromethane	524.2	0.5	---		3.7320	5.0	ug/L	75	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,1-Dichloroethane	524.2	0.5	---		4.7630	5.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2-Dichloroethane	524.2	0.5	---		4.7080	5.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,1-Dichloroethylene	524.2	0.5	---		4.6940	5.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	cis-1,2-Dichloroethylene	524.2	0.5	---		4.9450	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	trans-1,2-Dichloroethylene	524.2	0.5	---		4.5560	5.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Dichloromethane	524.2	0.5	---		4.2680	5.0	ug/L	85	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2-Dichloropropane	524.2	0.5	---		4.7730	5.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,3-Dichloropropane	524.2	0.5	---		4.9590	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	2,2-Dichloropropane	524.2	0.5	---		5.3120	5.0	ug/L	106	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,1-Dichloropropylene	524.2	0.5	---		4.7240	5.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	cis-1,3-Dichloropropylene	524.2	0.5	---		4.8810	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020

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 #
CCC	trans-1,3-Dichloropropylene	524.2	0.5	---		4.9540	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Ethylbenzene	524.2	0.5	---		4.9100	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Hexachlorobutadiene	524.2	0.5	---		5.1030	5.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Isopropylbenzene	524.2	0.5	---		4.7950	5.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	4-Isopropyltoluene	524.2	0.5	---		4.8270	5.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Methyl-t-butyl ether (MTBE)	524.2	0.5	---		4.9520	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Naphthalene	524.2	0.5	---		4.7420	5.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	n-Propylbenzene	524.2	0.5	---		4.8030	5.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Styrene	524.2	0.5	---		4.9140	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,1,1,2-Tetrachloroethane	524.2	0.5	---		5.1210	5.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,1,2,2-Tetrachloroethane	524.2	0.5	---		4.5350	5.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Tetrachloroethylene	524.2	0.5	---		5.0970	5.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Toluene	524.2	0.5	---		4.8820	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2,3-Trichlorobenzene	524.2	0.5	---		5.1150	5.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2,4-Trichlorobenzene	524.2	0.5	---		4.9860	5.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,1,1-Trichloroethane	524.2	0.5	---		4.7570	5.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,1,2-Trichloroethane	524.2	0.5	---		4.8980	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Trichloroethylene	524.2	0.5	---		4.8170	5.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Trichlorofluoromethane	524.2	0.5	---		4.3430	5.0	ug/L	87	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2,3-Trichloropropane	524.2	0.5	---		4.9850	5.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2,4-Trimethylbenzene	524.2	0.5	---		4.9380	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,3,5-Trimethylbenzene	524.2	0.5	---		5.0220	5.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	Vinyl chloride	524.2	0.2	---		4.1950	5.0	ug/L	84	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,2-Xylene	524.2	0.5	---		4.9280	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCC	1,3 + 1,4-Xylene	524.2	0.5	---		9.9020	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 09:27	4517020
CCL	IS-1,4-Difluorobenzene	524.2	N/A	---		359346	359346	ug/L	100	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	SS-Bromofluorobenzene	524.2	N/A	---		4.8690	5.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	SS-1,2-Dichlorobenzene-d4	524.2	N/A	---		9.5870	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	SS-1,2-Dichloroethane-d4	524.2	N/A	---		9.3570	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	SS-Toluene-d8	524.2	N/A	---		10.0100	10.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Benzene	524.2	0.5	---		0.5050	0.5	ug/L	101	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Bromodichloromethane	524.2	0.5	---		0.4380	0.5	ug/L	88	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Bromoform	524.2	0.5	---		0.4770	0.5	ug/L	95	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Carbon tetrachloride	524.2	0.5	---		0.3920	0.5	ug/L	78	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Chlorobenzene	524.2	0.5	---		0.5160	0.5	ug/L	103	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Chloroform	524.2	0.5	---		0.4400	0.5	ug/L	88	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Dibromochloromethane	524.2	0.5	---		0.4340	0.5	ug/L	87	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,2-Dichlorobenzene	524.2	0.5	---		0.5410	0.5	ug/L	108	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,4-Dichlorobenzene	524.2	0.5	---		0.5270	0.5	ug/L	105	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,2-Dichloroethane	524.2	0.5	---		0.4410	0.5	ug/L	88	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,1-Dichloroethylene	524.2	0.5	---		0.4650	0.5	ug/L	93	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024

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	cis-1,2-Dichloroethylene	524.2	0.5	---		0.4990	0.5	ug/L	100	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	trans-1,2-Dichloroethylene	524.2	0.5	---		0.4320	0.5	ug/L	86	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Dichloromethane	524.2	0.5	---		0.4620	0.5	ug/L	92	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,2-Dichloropropane	524.2	0.5	---		0.4490	0.5	ug/L	90	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Ethylbenzene	524.2	0.5	---		0.4820	0.5	ug/L	96	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Styrene	524.2	0.5	---		0.4620	0.5	ug/L	92	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Tetrachloroethylene	524.2	0.5	---		0.4560	0.5	ug/L	91	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Toluene	524.2	0.5	---		0.4930	0.5	ug/L	99	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,2,4-Trichlorobenzene	524.2	0.5	---		0.5780	0.5	ug/L	116	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,1,1-Trichloroethane	524.2	0.5	---		0.4490	0.5	ug/L	90	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,1,2-Trichloroethane	524.2	0.5	---		0.4540	0.5	ug/L	91	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Trichloroethylene	524.2	0.5	---		0.4660	0.5	ug/L	93	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	Vinyl chloride	524.2	0.2	---		0.3960	0.5	ug/L	79	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,2-Xylene	524.2	0.5	---		0.5060	0.5	ug/L	101	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
CCL	1,3 + 1,4-Xylene	524.2	0.5	---		1.0010	1.0	ug/L	100	50 - 150	---	---	1.0	---	12/18/2019 10:10	4517024
LMB	IS-1,4-Difluorobenzene	524.2	N/A	---		363335	359346	ug/L	101	70 - 130	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	SS-Bromofluorobenzene	524.2	N/A	---		4.8950	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	SS-1,2-Dichlorobenzene-d4	524.2	N/A	---		9.4390	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	SS-1,2-Dichloroethane-d4	524.2	N/A	---		9.3170	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	SS-Toluene-d8	524.2	N/A	---		9.8300	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Benzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Bromobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Bromochloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Bromodichloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Bromoform	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Bromomethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	n-Butylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	sec-Butylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	tert-Butylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Carbon tetrachloride	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Chlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Chloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Chloroform	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Chloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	2-Chlorotoluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	4-Chlorotoluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Dibromochloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2-Dibromoethane (EDB)	524.2	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Dibromomethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2-Dichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025

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 #
LMB	1,3-Dichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,4-Dichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Dichlorodifluoromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,1-Dichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2-Dichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,1-Dichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	cis-1,2-Dichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	trans-1,2-Dichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Dichloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2-Dichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,3-Dichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	2,2-Dichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,1-Dichloropropylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	cis-1,3-Dichloropropylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	trans-1,3-Dichloropropylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Ethylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Hexachlorobutadiene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Isopropylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	4-isopropyltoluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Methyl-t-butyl ether (MTBE)	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Naphthalene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	n-Propylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Styrene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,1,1,2-Tetrachloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,1,2,2-Tetrachloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Tetrachloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Toluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2,3-Trichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2,4-Trichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,1,1-Trichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,1,2-Trichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Trichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Trichlorofluoromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2,3-Trichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2,4-Trimethylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,3,5-Trimethylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	Vinyl chloride	524.2	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,2-Xylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
LMB	1,3 + 1,4-Xylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 10:55	4517025
FS	IS-1,4-Difluorobenzene	524.2	N/A	RR Raw/Wells 1&3		364012	359346	ug/L	101	70 - 130	---	---	1.0	---	12/18/2019 11:28	4511444
FS	SS-Bromofluorobenzene	524.2	N/A	RR Raw/Wells 1&3		4.9280	5.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 11:28	4511444

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	SS-1,2-Dichlorobenzene-d4	524.2	N/A	RR Raw/Wells 1&3		9.6350	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 11:28	4511444
FS	SS-1,2-Dichloroethane-d4	524.2	N/A	RR Raw/Wells 1&3		9.5670	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 11:28	4511444
FS	SS-Toluene-d8	524.2	N/A	RR Raw/Wells 1&3		10.1710	10.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Benzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Bromobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Bromochloromethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Bromodichloromethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Bromoform	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Bromomethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	n-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	sec-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	tert-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Carbon tetrachloride	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Chlorobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Chloroethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Chloroform	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Chloromethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	2-Chlorotoluene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	4-Chlorotoluene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Dibromochloromethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	RR Raw/Wells 1&3	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2-Dibromomethane (EDB)	524.2	0.2	RR Raw/Wells 1&3	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Dibromomethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,3-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,4-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Total Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Dichlorodifluoromethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,1-Dichloroethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2-Dichloroethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,1-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	cis-1,2-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	trans-1,2-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Dichloromethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,3-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	2,2-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,1-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,3-Dichloropropylene, cis & trans	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	cis-1,3-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	trans-1,3-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444

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	Ethylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Hexachlorobutadiene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Isopropylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	4-Isopropyltoluene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Methyl-t-butyl ether (MTBE)	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Naphthalene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	n-Propylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Styrene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,1,1,2-Tetrachloroethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,1,2,2-Tetrachloroethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Tetrachloroethylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Toluene	524.2	0.5	RR Raw/Wells 1&3		1.4		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Total Trihalomethanes	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2,3-Trichlorobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2,4-Trichlorobenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,1,1-Trichloroethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,1,2-Trichloroethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Trichloroethylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Trichlorofluoromethane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2,3-Trichloropropane	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2,4-Trimethylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,3,5-Trimethylbenzene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Vinyl chloride	524.2	0.2	RR Raw/Wells 1&3	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,2-Xylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	1,3 + 1,4-Xylene	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
FS	Xylenes, Total	524.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 11:28	4511444
LTB	IS-1,4-Difluorobenzene	524.2	N/A	LTB-12/9/19		368425	359346	ug/L	103	70 - 130	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	SS-Bromofluorobenzene	524.2	N/A	LTB-12/9/19		4.9140	5.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	SS-1,2-Dichlorobenzene-d4	524.2	N/A	LTB-12/9/19		9.5820	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	SS-1,2-Dichloroethane-d4	524.2	N/A	LTB-12/9/19		9.2740	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	SS-Toluene-d8	524.2	N/A	LTB-12/9/19		9.7830	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Benzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Bromobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Bromochloromethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Bromodichloromethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Bromoform	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Bromomethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	n-Butylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	sec-Butylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	tert-Butylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Carbon tetrachloride	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457

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 #
LTB	Chlorobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Chloroethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Chloroform	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Chloromethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	2-Chlorotoluene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	4-Chlorotoluene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Dibromochloromethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	LTB-12/9/19	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2-Dibromoethane (EDB)	524.2	0.2	LTB-12/9/19	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Dibromomethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2-Dichlorobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,3-Dichlorobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,4-Dichlorobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Total Dichlorobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Dichlorodifluoromethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,1-Dichloroethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2-Dichloroethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,1-Dichloroethylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	cis-1,2-Dichloroethylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	trans-1,2-Dichloroethylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Dichloromethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2-Dichloropropane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,3-Dichloropropane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	2,2-Dichloropropane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,1-Dichloropropylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,3-Dichloropropylene, cis & trans	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	cis-1,3-Dichloropropylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	trans-1,3-Dichloropropylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Ethylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Hexachlorobutadiene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Isopropylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	4-Isopropyltoluene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Methyl-t-butyl ether (MTBE)	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Naphthalene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	n-Propylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Styrene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,1,1,2-Tetrachloroethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,1,2,2-Tetrachloroethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Tetrachloroethylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Toluene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Total Trihalomethanes	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457

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 #
LTB	1,2,3-Trichlorobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2,4-Trichlorobenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,1,1-Trichloroethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,1,2-Trichloroethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Trichloroethylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Trichlorofluoromethane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2,3-Trichloropropane	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2,4-Trimethylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,3,5-Trimethylbenzene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Vinyl chloride	524.2	0.2	LTB-12/9/19	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,2-Xylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	1,3 + 1,4-Xylene	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
LTB	Xylenes, Total	524.2	0.5	LTB-12/9/19	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 15:22	4511457
MS	IS-1,4-Difluorobenzene	524.2	N/A	RR Raw/Wells 1&3		360063	359346	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	SS-Bromofluorobenzene	524.2	N/A	RR Raw/Wells 1&3		5.1360	5.0	ug/L	103	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	SS-1,2-Dichlorobenzene-d4	524.2	N/A	RR Raw/Wells 1&3		9.6770	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	SS-1,2-Dichloroethane-d4	524.2	N/A	RR Raw/Wells 1&3		9.2620	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	SS-Toluene-d8	524.2	N/A	RR Raw/Wells 1&3		9.8790	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Benzene	524.2	0.5	RR Raw/Wells 1&3		9.4060	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Bromobenzene	524.2	0.5	RR Raw/Wells 1&3		9.3400	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Bromochloromethane	524.2	0.5	RR Raw/Wells 1&3		8.8270	10.0	ug/L	88	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Bromodichloromethane	524.2	0.5	RR Raw/Wells 1&3		9.0240	10.0	ug/L	90	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Bromoform	524.2	0.5	RR Raw/Wells 1&3		9.9080	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Bromomethane	524.2	0.5	RR Raw/Wells 1&3		9.7150	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	n-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.4600	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	sec-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.6560	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	tert-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.6870	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Carbon tetrachloride	524.2	0.5	RR Raw/Wells 1&3		9.2060	10.0	ug/L	92	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Chlorobenzene	524.2	0.5	RR Raw/Wells 1&3		9.4590	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Chloroethane	524.2	0.5	RR Raw/Wells 1&3		8.6370	10.0	ug/L	86	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Chloroform	524.2	0.5	RR Raw/Wells 1&3		8.5090	10.0	ug/L	85	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Chloromethane	524.2	0.5	RR Raw/Wells 1&3		8.1350	10.0	ug/L	81	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	2-Chlorotoluene	524.2	0.5	RR Raw/Wells 1&3		9.4210	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	4-Chlorotoluene	524.2	0.5	RR Raw/Wells 1&3		9.6810	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Dibromochloromethane	524.2	0.5	RR Raw/Wells 1&3		9.6570	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	RR Raw/Wells 1&3		9.7970	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2-Dibromoethane (EDB)	524.2	0.2	RR Raw/Wells 1&3		9.2790	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Dibromomethane	524.2	0.5	RR Raw/Wells 1&3		9.2170	10.0	ug/L	92	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		9.7200	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,3-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		9.8400	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,4-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		9.5930	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367

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 #
MS	Dichlorodifluoromethane	524.2	0.5	RR Raw/Wells 1&3		8.3460	10.0	ug/L	83	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,1-Dichloroethane	524.2	0.5	RR Raw/Wells 1&3		8.9790	10.0	ug/L	90	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2-Dichloroethane	524.2	0.5	RR Raw/Wells 1&3		8.7190	10.0	ug/L	87	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,1-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3		9.4680	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	cis-1,2-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3		9.3020	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	trans-1,2-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3		8.8770	10.0	ug/L	89	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Dichloromethane	524.2	0.5	RR Raw/Wells 1&3		8.2780	10.0	ug/L	83	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3		8.7660	10.0	ug/L	88	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,3-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3		9.4350	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	2,2-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3		9.8990	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,1-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3		9.1260	10.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	cis-1,3-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3		9.0910	10.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	trans-1,3-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3		9.1540	10.0	ug/L	92	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Ethylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.6000	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Hexachlorobutadiene	524.2	0.5	RR Raw/Wells 1&3		10.0350	10.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Isopropylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.3800	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	4-Isopropyltoluene	524.2	0.5	RR Raw/Wells 1&3		9.6510	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Methyl-t-butyl ether (MTBE)	524.2	0.5	RR Raw/Wells 1&3		9.1090	10.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Naphthalene	524.2	0.5	RR Raw/Wells 1&3		9.8570	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	n-Propylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.5180	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Styrene	524.2	0.5	RR Raw/Wells 1&3		9.2570	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,1,1,2-Tetrachloroethane	524.2	0.5	RR Raw/Wells 1&3		9.7880	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,1,2,2-Tetrachloroethane	524.2	0.5	RR Raw/Wells 1&3		8.5560	10.0	ug/L	86	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Tetrachloroethylene	524.2	0.5	RR Raw/Wells 1&3		10.0650	10.0	ug/L	101	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Toluene	524.2	0.5	RR Raw/Wells 1&3		10.5630	11.403	ug/L	92	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2,3-Trichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		10.0090	10.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2,4-Trichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		10.1700	10.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,1,1-Trichloroethane	524.2	0.5	RR Raw/Wells 1&3		9.3570	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,1,2-Trichloroethane	524.2	0.5	RR Raw/Wells 1&3		8.9390	10.0	ug/L	89	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Trichloroethylene	524.2	0.5	RR Raw/Wells 1&3		9.4310	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Trichlorofluoromethane	524.2	0.5	RR Raw/Wells 1&3		9.1370	10.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2,3-Trichloropropane	524.2	0.5	RR Raw/Wells 1&3		9.6000	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2,4-Trimethylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.8170	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,3,5-Trimethylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.7220	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	Vinyl chloride	524.2	0.2	RR Raw/Wells 1&3		8.4100	10.0	ug/L	84	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,2-Xylene	524.2	0.5	RR Raw/Wells 1&3		9.5600	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MS	1,3 + 1,4-Xylene	524.2	0.5	RR Raw/Wells 1&3		19.1790	20.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 17:47	4518367
MSD	IS-1,4-Difluorobenzene	524.2	N/A	RR Raw/Wells 1&3		353242	359346	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:20	4518368
MSD	SS-Bromofluorobenzene	524.2	N/A	RR Raw/Wells 1&3		5.2190	5.0	ug/L	104	70 - 130	---	---	1.0	---	12/18/2019 18:20	4518368
MSD	SS-1,2-Dichlorobenzene-d4	524.2	N/A	RR Raw/Wells 1&3		9.9230	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:20	4518368
MSD	SS-1,2-Dichloroethane-d4	524.2	N/A	RR Raw/Wells 1&3		9.7330	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 18:20	4518368

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 #
MSD	SS-Toluene-d8	524.2	N/A	RR Raw/Wells 1&3		10.1590	10.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 18:20	4518368
MSD	Benzene	524.2	0.5	RR Raw/Wells 1&3		10.1350	10.0	ug/L	101	70 - 130	7.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	Bromobenzene	524.2	0.5	RR Raw/Wells 1&3		10.1600	10.0	ug/L	102	70 - 130	8.4	20	1.0	---	12/18/2019 18:20	4518368
MSD	Bromochloromethane	524.2	0.5	RR Raw/Wells 1&3		9.3150	10.0	ug/L	93	70 - 130	5.4	20	1.0	---	12/18/2019 18:20	4518368
MSD	Bromodichloromethane	524.2	0.5	RR Raw/Wells 1&3		9.6300	10.0	ug/L	96	70 - 130	6.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	Bromoform	524.2	0.5	RR Raw/Wells 1&3		10.7330	10.0	ug/L	107	70 - 130	8.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	Bromomethane	524.2	0.5	RR Raw/Wells 1&3		10.7480	10.0	ug/L	107	70 - 130	10	20	1.0	---	12/18/2019 18:20	4518368
MSD	n-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3		10.0340	10.0	ug/L	100	70 - 130	5.9	20	1.0	---	12/18/2019 18:20	4518368
MSD	sec-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3		10.3760	10.0	ug/L	104	70 - 130	7.2	20	1.0	---	12/18/2019 18:20	4518368
MSD	tert-Butylbenzene	524.2	0.5	RR Raw/Wells 1&3		10.3660	10.0	ug/L	104	70 - 130	6.8	20	1.0	---	12/18/2019 18:20	4518368
MSD	Carbon tetrachloride	524.2	0.5	RR Raw/Wells 1&3		9.9720	10.0	ug/L	100	70 - 130	8.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	Chlorobenzene	524.2	0.5	RR Raw/Wells 1&3		10.2770	10.0	ug/L	103	70 - 130	8.3	20	1.0	---	12/18/2019 18:20	4518368
MSD	Chloroethane	524.2	0.5	RR Raw/Wells 1&3		9.4330	10.0	ug/L	94	70 - 130	8.8	20	1.0	---	12/18/2019 18:20	4518368
MSD	Chloroform	524.2	0.5	RR Raw/Wells 1&3		9.0460	10.0	ug/L	90	70 - 130	6.1	20	1.0	---	12/18/2019 18:20	4518368
MSD	Chloromethane	524.2	0.5	RR Raw/Wells 1&3		7.6810	10.0	ug/L	77	70 - 130	5.7	20	1.0	---	12/18/2019 18:20	4518368
MSD	2-Chlorotoluene	524.2	0.5	RR Raw/Wells 1&3		10.0380	10.0	ug/L	100	70 - 130	6.3	20	1.0	---	12/18/2019 18:20	4518368
MSD	4-Chlorotoluene	524.2	0.5	RR Raw/Wells 1&3		10.0250	10.0	ug/L	100	70 - 130	3.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	Dibromochloromethane	524.2	0.5	RR Raw/Wells 1&3		10.3920	10.0	ug/L	104	70 - 130	7.3	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	RR Raw/Wells 1&3		10.2850	10.0	ug/L	103	70 - 130	4.9	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2-Dibromoethane (EDB)	524.2	0.2	RR Raw/Wells 1&3		9.9990	10.0	ug/L	100	70 - 130	7.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	Dibromomethane	524.2	0.5	RR Raw/Wells 1&3		9.9300	10.0	ug/L	99	70 - 130	7.4	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		10.3410	10.0	ug/L	103	70 - 130	6.2	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,3-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		10.6720	10.0	ug/L	107	70 - 130	8.1	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,4-Dichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		10.4740	10.0	ug/L	105	70 - 130	8.8	20	1.0	---	12/18/2019 18:20	4518368
MSD	Dichlorodifluoromethane	524.2	0.5	RR Raw/Wells 1&3		8.6750	10.0	ug/L	87	70 - 130	3.9	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,1-Dichloroethane	524.2	0.5	RR Raw/Wells 1&3		9.5170	10.0	ug/L	95	70 - 130	5.8	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2-Dichloroethane	524.2	0.5	RR Raw/Wells 1&3		9.2710	10.0	ug/L	93	70 - 130	6.1	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,1-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3		9.9890	10.0	ug/L	100	70 - 130	5.4	20	1.0	---	12/18/2019 18:20	4518368
MSD	cis-1,2-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3		9.9790	10.0	ug/L	100	70 - 130	7.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	trans-1,2-Dichloroethylene	524.2	0.5	RR Raw/Wells 1&3		9.3710	10.0	ug/L	94	70 - 130	5.4	20	1.0	---	12/18/2019 18:20	4518368
MSD	Dichloromethane	524.2	0.5	RR Raw/Wells 1&3		8.7740	10.0	ug/L	88	70 - 130	5.8	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3		9.4450	10.0	ug/L	94	70 - 130	7.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,3-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3		9.8940	10.0	ug/L	99	70 - 130	4.7	20	1.0	---	12/18/2019 18:20	4518368
MSD	2,2-Dichloropropane	524.2	0.5	RR Raw/Wells 1&3		10.4170	10.0	ug/L	104	70 - 130	5.1	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,1-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3		9.8280	10.0	ug/L	98	70 - 130	7.4	20	1.0	---	12/18/2019 18:20	4518368
MSD	cis-1,3-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3		9.8810	10.0	ug/L	99	70 - 130	8.3	20	1.0	---	12/18/2019 18:20	4518368
MSD	trans-1,3-Dichloropropylene	524.2	0.5	RR Raw/Wells 1&3		9.8150	10.0	ug/L	98	70 - 130	7.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	Ethylbenzene	524.2	0.5	RR Raw/Wells 1&3		10.2960	10.0	ug/L	103	70 - 130	7.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	Hexachlorobutadiene	524.2	0.5	RR Raw/Wells 1&3		10.8460	10.0	ug/L	108	70 - 130	7.8	20	1.0	---	12/18/2019 18:20	4518368
MSD	Isopropylbenzene	524.2	0.5	RR Raw/Wells 1&3		10.2550	10.0	ug/L	103	70 - 130	8.9	20	1.0	---	12/18/2019 18:20	4518368
MSD	4-Isopropyltoluene	524.2	0.5	RR Raw/Wells 1&3		10.2920	10.0	ug/L	103	70 - 130	6.4	20	1.0	---	12/18/2019 18:20	4518368

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 #
MSD	Methyl-t-butyl ether (MTBE)	524.2	0.5	RR Raw/Wells 1&3		9.8160	10.0	ug/L	98	70 - 130	7.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	Naphthalene	524.2	0.5	RR Raw/Wells 1&3		10.5450	10.0	ug/L	105	70 - 130	6.7	20	1.0	---	12/18/2019 18:20	4518368
MSD	n-Propylbenzene	524.2	0.5	RR Raw/Wells 1&3		10.1860	10.0	ug/L	102	70 - 130	6.8	20	1.0	---	12/18/2019 18:20	4518368
MSD	Styrene	524.2	0.5	RR Raw/Wells 1&3		9.9900	10.0	ug/L	100	70 - 130	7.6	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,1,1,2-Tetrachloroethane	524.2	0.5	RR Raw/Wells 1&3		10.4990	10.0	ug/L	105	70 - 130	7.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,1,2,2-Tetrachloroethane	524.2	0.5	RR Raw/Wells 1&3		9.3670	10.0	ug/L	94	70 - 130	9.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	Tetrachloroethylene	524.2	0.5	RR Raw/Wells 1&3		10.7600	10.0	ug/L	108	70 - 130	6.7	20	1.0	---	12/18/2019 18:20	4518368
MSD	Toluene	524.2	0.5	RR Raw/Wells 1&3		11.1680	11.403	ug/L	98	70 - 130	5.6	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2,3-Trichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		10.7330	10.0	ug/L	107	70 - 130	7.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2,4-Trichlorobenzene	524.2	0.5	RR Raw/Wells 1&3		11.0920	10.0	ug/L	111	70 - 130	8.7	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,1,1-Trichloroethane	524.2	0.5	RR Raw/Wells 1&3		9.7850	10.0	ug/L	98	70 - 130	4.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,1,2-Trichloroethane	524.2	0.5	RR Raw/Wells 1&3		9.8270	10.0	ug/L	98	70 - 130	9.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	Trichloroethylene	524.2	0.5	RR Raw/Wells 1&3		9.7550	10.0	ug/L	98	70 - 130	3.4	20	1.0	---	12/18/2019 18:20	4518368
MSD	Trichlorofluoromethane	524.2	0.5	RR Raw/Wells 1&3		9.6500	10.0	ug/L	96	70 - 130	5.5	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2,3-Trichloropropane	524.2	0.5	RR Raw/Wells 1&3		10.5220	10.0	ug/L	105	70 - 130	9.2	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2,4-Trimethylbenzene	524.2	0.5	RR Raw/Wells 1&3		9.9870	10.0	ug/L	100	70 - 130	1.7	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,3,5-Trimethylbenzene	524.2	0.5	RR Raw/Wells 1&3		10.4590	10.0	ug/L	105	70 - 130	7.3	20	1.0	---	12/18/2019 18:20	4518368
MSD	Vinyl chloride	524.2	0.2	RR Raw/Wells 1&3		8.6660	10.0	ug/L	87	70 - 130	3.0	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,2-Xylene	524.2	0.5	RR Raw/Wells 1&3		10.0090	10.0	ug/L	100	70 - 130	4.6	20	1.0	---	12/18/2019 18:20	4518368
MSD	1,3 + 1,4-Xylene	524.2	0.5	RR Raw/Wells 1&3		20.2750	20.0	ug/L	101	70 - 130	5.6	20	1.0	---	12/18/2019 18:20	4518368
CCC	IS-1,4-Difluorobenzene	524.2	N/A	---		344983	344983	ug/L	100	50 - 150	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	SS-Bromofluorobenzene	524.2	N/A	---		5.2260	5.0	ug/L	105	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	SS-1,2-Dichlorobenzene-d4	524.2	N/A	---		9.8900	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	SS-1,2-Dichloroethane-d4	524.2	N/A	---		9.6440	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	SS-Toluene-d8	524.2	N/A	---		10.1290	10.0	ug/L	101	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Benzene	524.2	0.5	---		9.8680	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Bromobenzene	524.2	0.5	---		9.8600	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Bromochloromethane	524.2	0.5	---		9.2430	10.0	ug/L	92	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Bromodichloromethane	524.2	0.5	---		9.4480	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Bromoform	524.2	0.5	---		10.9240	10.0	ug/L	109	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Bromomethane	524.2	0.5	---		10.1760	10.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	n-Butylbenzene	524.2	0.5	---		8.9680	10.0	ug/L	90	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	sec-Butylbenzene	524.2	0.5	---		9.6380	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	tert-Butylbenzene	524.2	0.5	---		9.8920	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Carbon tetrachloride	524.2	0.5	---		9.2550	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Chlorobenzene	524.2	0.5	---		9.8890	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Chloroethane	524.2	0.5	---		8.6990	10.0	ug/L	87	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Chloroform	524.2	0.5	---		8.6940	10.0	ug/L	87	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Chloromethane	524.2	0.5	---		7.4630	10.0	ug/L	75	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	2-Chlorotoluene	524.2	0.5	---		9.8200	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	4-Chlorotoluene	524.2	0.5	---		9.7990	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021

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 #
CCC	Dibromochloromethane	524.2	0.5	---		10.3210	10.0	ug/L	103	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	---		10.8220	10.0	ug/L	108	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2-Dibromoethane (EDB)	524.2	0.2	---		10.0110	10.0	ug/L	100	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Dibromomethane	524.2	0.5	---		9.6840	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2-Dichlorobenzene	524.2	0.5	---		10.2200	10.0	ug/L	102	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,3-Dichlorobenzene	524.2	0.5	---		10.2960	10.0	ug/L	103	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,4-Dichlorobenzene	524.2	0.5	---		10.1250	10.0	ug/L	101	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Dichlorodifluoromethane	524.2	0.5	---		7.4840	10.0	ug/L	75	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,1-Dichloroethane	524.2	0.5	---		9.6100	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2-Dichloroethane	524.2	0.5	---		9.3590	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,1-Dichloroethylene	524.2	0.5	---		9.6500	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	cis-1,2-Dichloroethylene	524.2	0.5	---		9.8020	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	trans-1,2-Dichloroethylene	524.2	0.5	---		9.0790	10.0	ug/L	91	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Dichloromethane	524.2	0.5	---		8.7610	10.0	ug/L	88	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2-Dichloropropane	524.2	0.5	---		9.3240	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,3-Dichloropropane	524.2	0.5	---		9.8050	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	2,2-Dichloropropane	524.2	0.5	---		8.5530	10.0	ug/L	86	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,1-Dichloropropylene	524.2	0.5	---		9.3100	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	cis-1,3-Dichloropropylene	524.2	0.5	---		9.3650	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	trans-1,3-Dichloropropylene	524.2	0.5	---		9.6180	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Ethylbenzene	524.2	0.5	---		9.9440	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Hexachlorobutadiene	524.2	0.5	---		9.5450	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Isopropylbenzene	524.2	0.5	---		9.5350	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	4-Isopropyltoluene	524.2	0.5	---		9.3240	10.0	ug/L	93	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Methyl-t-butyl ether (MTBE)	524.2	0.5	---		9.8930	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Naphthalene	524.2	0.5	---		10.8180	10.0	ug/L	108	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	n-Propylbenzene	524.2	0.5	---		9.5370	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Styrene	524.2	0.5	---		9.7200	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,1,1,2-Tetrachloroethane	524.2	0.5	---		10.4010	10.0	ug/L	104	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,1,2,2-Tetrachloroethane	524.2	0.5	---		9.1690	10.0	ug/L	92	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Tetrachloroethylene	524.2	0.5	---		9.7030	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Toluene	524.2	0.5	---		9.8910	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2,3-Trichlorobenzene	524.2	0.5	---		10.3870	10.0	ug/L	104	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2,4-Trichlorobenzene	524.2	0.5	---		10.5240	10.0	ug/L	105	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,1,1-Trichloroethane	524.2	0.5	---		9.4060	10.0	ug/L	94	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,1,2-Trichloroethane	524.2	0.5	---		9.6900	10.0	ug/L	97	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Trichloroethylene	524.2	0.5	---		9.5590	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	Trichlorofluoromethane	524.2	0.5	---		8.8590	10.0	ug/L	89	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2,3-Trichloropropane	524.2	0.5	---		10.3940	10.0	ug/L	104	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2,4-Trimethylbenzene	524.2	0.5	---		9.7890	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,3,5-Trimethylbenzene	524.2	0.5	---		9.9330	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021

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 #
CCC	Vinyl chloride	524.2	0.2	---		8.1240	10.0	ug/L	81	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,2-Xylene	524.2	0.5	---		9.7620	10.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
CCC	1,3 + 1,4-Xylene	524.2	0.5	---		19.6090	20.0	ug/L	98	70 - 130	---	---	1.0	---	12/18/2019 18:54	4517021
LMB	IS-1,4-Difluorobenzene	524.2	N/A	---		363737	344983	ug/L	105	70 - 130	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	SS-Bromofluorobenzene	524.2	N/A	---		5.1310	5.0	ug/L	103	70 - 130	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	SS-1,2-Dichlorobenzene-d4	524.2	N/A	---		9.5990	10.0	ug/L	96	70 - 130	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	SS-1,2-Dichloroethane-d4	524.2	N/A	---		9.4890	10.0	ug/L	95	70 - 130	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	SS-Toluene-d8	524.2	N/A	---		9.9210	10.0	ug/L	99	70 - 130	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Benzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Bromobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Bromochloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Bromodichloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Bromoform	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Bromomethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	n-Butylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	sec-Butylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	tert-Butylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Carbon tetrachloride	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Chlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Chloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Chloroform	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Chloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	2-Chlorotoluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	4-Chlorotoluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Dibromochloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2-Dibromo-3-chloropropane (DBCP)	524.2	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2-Dibromoethane (EDB)	524.2	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Dibromomethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2-Dichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,3-Dichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,4-Dichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Dichlorodifluoromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,1-Dichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2-Dichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,1-Dichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	cis-1,2-Dichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	trans-1,2-Dichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Dichloromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2-Dichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,3-Dichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	2,2-Dichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026

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 #
LMB	1,1-Dichloropropylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	cis-1,3-Dichloropropylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	trans-1,3-Dichloropropylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Ethylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Hexachlorobutadiene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Isopropylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	4-Isopropyltoluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Methyl-t-butyl ether (MTBE)	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Naphthalene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	n-Propylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Styrene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,1,1,2-Tetrachloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,1,2,2-Tetrachloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Tetrachloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Toluene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2,3-Trichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2,4-Trichlorobenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,1,1-Trichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,1,2-Trichloroethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Trichloroethylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Trichlorofluoromethane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2,3-Trichloropropane	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2,4-Trimethylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,3,5-Trimethylbenzene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	Vinyl chloride	524.2	0.2	---	<	0.2		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,2-Xylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026
LMB	1,3 + 1,4-Xylene	524.2	0.5	---	<	0.5		ug/L	---	---	---	---	1.0	---	12/18/2019 20:34	4517026



Eaton Analytical

Eurofins Eaton Analytical

Run Log

Run ID: 270112 Method: 525.2

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4518781		OS	DO	01/09/2020 18:32	525 2-DO-121119a.mth
LFB	4518779		RW	DO	01/09/2020 19:57	525 2-DO-121119a.mth
CCC	4518782		OS	DO	01/10/2020 06:29	525 2-DO-121119a.mth
CCC	4518783		OS	DO	01/10/2020 17:00	525 2-DO-121119a.mth

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 #
CCC	IS-Chrysene-d12	525.2	N/A	--		385438	385438	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	IS-Phenanthrene-d10	525.2	N/A	--		590356	590356	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	SS-Triphenylphosphate	525.2	N/A	--		5.3050	5.0	ug/L	106	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	IS-Acenaphthene-d10	525.2	N/A	--		752974	752974	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	IS-p-Terphenyl-d14	525.2	N/A	--		491012	491012	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	--		4.9330	5.0	ug/L	99	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	SS-Perylene-d12	525.2	N/A	--		4.7290	5.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Atachlor	525.2	0.1	--		1.8760	2.0	ug/L	94	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Aldrin	525.2	0.1	--		1.8860	2.0	ug/L	94	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Atrazine	525.2	0.1	--		1.9210	2.0	ug/L	96	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Benzo(a)pyrene	525.2	0.02	--		1.7840	2.0	ug/L	89	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	gamma-BHC (Lindane)	525.2	0.02	--		1.7080	2.0	ug/L	85	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Butachlor	525.2	0.1	--		2.1370	2.0	ug/L	107	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Dieldrin	525.2	0.1	--		1.9510	2.0	ug/L	98	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	--		2.0780	2.0	ug/L	104	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	--		2.0650	2.0	ug/L	103	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Endrin	525.2	0.01	--		2.0680	2.0	ug/L	103	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Heptachlor	525.2	0.04	--		1.9110	2.0	ug/L	96	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Heptachlor epoxide	525.2	0.02	--		2.1050	2.0	ug/L	105	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Hexachlorobenzene	525.2	0.1	--		1.7940	2.0	ug/L	90	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Hexachlorocyclopentadiene	525.2	0.1	--		1.6200	2.0	ug/L	81	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Methoxychlor	525.2	0.1	--		1.8960	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Metolachlor	525.2	0.1	--		1.9090	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Metribuzin	525.2	0.1	--		1.7100	2.0	ug/L	86	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Propachlor	525.2	0.1	--		1.9320	2.0	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
CCC	Simazine	525.2	0.07	--		1.8330	2.0	ug/L	92	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 18:32	4518781
LFB	IS-Chrysene-d12	525.2	N/A	--		298464	385438	ug/L	77	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	IS-Phenanthrene-d10	525.2	N/A	--		468278	590356	ug/L	79	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	SS-Triphenylphosphate	525.2	N/A	--		5.5940	5.0	ug/L	112	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	IS-Acenaphthene-d10	525.2	N/A	--		623045	752974	ug/L	83	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	IS-p-Terphenyl-d14	525.2	N/A	--		475032	491012	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	--		4.6890	5.0	ug/L	94	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	SS-Perylene-d12	525.2	N/A	--		4.6910	5.0	ug/L	94	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Atachlor	525.2	0.1	--		2.0660	2.0	ug/L	103	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Aldrin	525.2	0.1	--		1.9310	2.0	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Atrazine	525.2	0.1	--		2.1140	2.0	ug/L	106	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Benzo(a)pyrene	525.2	0.02	--		1.1760	2.0	ug/L	59	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	gamma-BHC (Lindane)	525.2	0.02	--		1.9890	2.0	ug/L	99	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Butachlor	525.2	0.1	--		2.5440	2.0	ug/L	127	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Dieldrin	525.2	0.1	--		2.2570	2.0	ug/L	113	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779

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 #
LFB	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.3790	2.0	ug/L	119	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.3310	2.0	ug/L	117	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Endrin	525.2	0.01	---		2.3260	2.0	ug/L	116	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Heptachlor	525.2	0.04	---		2.1150	2.0	ug/L	106	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Heptachlor epoxide	525.2	0.02	---		2.5720	2.0	ug/L	129	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Hexachlorobenzene	525.2	0.1	---		1.7810	2.0	ug/L	89	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Hexachlorocyclopentadiene	525.2	0.1	---		1.5470	2.0	ug/L	77	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Methoxychlor	525.2	0.1	---		2.1810	2.0	ug/L	109	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Metolachlor	525.2	0.1	---		2.1410	2.0	ug/L	107	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Metribuzin	525.2	0.1	---		2.1540	2.0	ug/L	108	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Propachlor	525.2	0.1	---		2.0340	2.0	ug/L	102	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
LFB	Simazine	525.2	0.07	---		2.0140	2.0	ug/L	101	70 - 130	---	---	1.0	12/19/2019 08:49	01/09/2020 19:57	4518779
CCC	IS-Chrysene-d12	525.2	N/A	---		384187	384187	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	IS-Phenanthrene-d10	525.2	N/A	---		563781	563781	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	SS-Triphenylphosphate	525.2	N/A	---		5.1570	5.0	ug/L	103	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	IS-Acenaphthene-d10	525.2	N/A	---		729765	729765	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	IS-p-Terphenyl-d14	525.2	N/A	---		506471	506471	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		4.6370	5.0	ug/L	93	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	SS-Perylene-d12	525.2	N/A	---		5.0100	5.0	ug/L	100	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Alachlor	525.2	0.1	---		1.8900	2.0	ug/L	94	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Aldrin	525.2	0.1	---		1.8600	2.0	ug/L	93	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Atrazine	525.2	0.1	---		1.9080	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Benzo(a)pyrene	525.2	0.02	---		1.7700	2.0	ug/L	88	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	gamma-BHC (Lindane)	525.2	0.02	---		1.8930	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Butachlor	525.2	0.1	---		2.1320	2.0	ug/L	107	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Dieldrin	525.2	0.1	---		1.9800	2.0	ug/L	99	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.0440	2.0	ug/L	102	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.0370	2.0	ug/L	102	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Endrin	525.2	0.01	---		1.9040	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Heptachlor	525.2	0.04	---		2.0630	2.0	ug/L	103	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Heptachlor epoxide	525.2	0.02	---		2.1300	2.0	ug/L	106	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Hexachlorobenzene	525.2	0.1	---		1.8490	2.0	ug/L	92	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Hexachlorocyclopentadiene	525.2	0.1	---		1.7190	2.0	ug/L	86	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Methoxychlor	525.2	0.1	---		1.9340	2.0	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Metolachlor	525.2	0.1	---		1.9750	2.0	ug/L	99	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Metribuzin	525.2	0.1	---		1.7450	2.0	ug/L	87	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Propachlor	525.2	0.1	---		1.9700	2.0	ug/L	98	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	Simazine	525.2	0.07	---		1.8400	2.0	ug/L	92	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 06:29	4518782
CCC	IS-Chrysene-d12	525.2	N/A	---		385974	385974	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	IS-Phenanthrene-d10	525.2	N/A	---		556520	556520	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	SS-Triphenylphosphate	525.2	N/A	---		5.2340	5.0	ug/L	105	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783

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 #
CCC	IS-Acenaphthene-d10	525.2	N/A	---		712603	712603	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	IS-p-Terphenyl-d14	525.2	N/A	---		497805	497805	ug/L	100	50 - 150	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		4.8140	5.0	ug/L	96	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	SS-Perylene-d12	525.2	N/A	---		4.8460	5.0	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Alachlor	525.2	0.1	---		1.8530	2.0	ug/L	93	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Aldrin	525.2	0.1	---		1.8910	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Atrazine	525.2	0.1	---		1.9350	2.0	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Benzo(a)pyrene	525.2	0.02	---		1.7330	2.0	ug/L	87	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	gamma-BHC (Lindane)	525.2	0.02	---		1.8820	2.0	ug/L	94	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Butachlor	525.2	0.1	---		2.1940	2.0	ug/L	110	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Dieldrin	525.2	0.1	---		1.9110	2.0	ug/L	96	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.0610	2.0	ug/L	103	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.0450	2.0	ug/L	102	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Endrin	525.2	0.01	---		1.8720	2.0	ug/L	94	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Heptachlor	525.2	0.04	---		1.9340	2.0	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Heptachlor epoxide	525.2	0.02	---		2.0920	2.0	ug/L	105	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Hexachlorobenzene	525.2	0.1	---		1.9040	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Hexachlorocyclopentadiene	525.2	0.1	---		1.7310	2.0	ug/L	87	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Methoxychlor	525.2	0.1	---		1.9710	2.0	ug/L	99	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Metolachlor	525.2	0.1	---		1.9500	2.0	ug/L	98	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Metribuzin	525.2	0.1	---		1.9030	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Propachlor	525.2	0.1	---		1.9430	2.0	ug/L	97	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783
CCC	Simazine	525.2	0.07	---		1.9030	2.0	ug/L	95	70 - 130	---	---	1.0	12/19/2019 08:49	01/10/2020 17:00	4518783



Eurofins Eaton Analytical

Run Log

Run ID: 270227 Method: 525.2

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4535601		OS	DO	01/11/2020 06:21	525 2-DO-011020a.mth
LMB	4518777		RW	DO	01/11/2020 08:27	525 2-DO-011020a.mth
CCC	4535602		OS	DO	01/11/2020 18:16	525 2-DO-011020a.mth
FS	4511453	RR Raw/Wells 1&3	DW	DO	01/11/2020 21:04	525 2-DO-011020a.mth
CCC	4535603		OS	DO	01/12/2020 02:41	525 2-DO-011020a.mth

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 #
CCC	IS-Chrysene-d12	525.2	N/A	--		311917	311917	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	IS-Phenanthrene-d10	525.2	N/A	--		491497	491497	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	SS-Triphenylphosphate	525.2	N/A	--		5.1640	5.0	ug/L	103	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	IS-Acenaphthene-d10	525.2	N/A	--		633720	633720	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	IS-p-Terphenyl-d14	525.2	N/A	--		387666	387666	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	--		5.1570	5.0	ug/L	103	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	SS-Perylene-d12	525.2	N/A	--		4.7490	5.0	ug/L	95	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Atachlor	525.2	0.1	--		1.9730	2.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Aldrin	525.2	0.1	--		1.9810	2.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Atrazine	525.2	0.1	--		1.9910	2.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Benzo(a)pyrene	525.2	0.02	--		1.8550	2.0	ug/L	93	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	gamma-BHC (Lindane)	525.2	0.02	--		2.0020	2.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Butachlor	525.2	0.1	--		2.0840	2.0	ug/L	104	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Dieldrin	525.2	0.1	--		1.8990	2.0	ug/L	95	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	--		2.0410	2.0	ug/L	102	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	--		2.0330	2.0	ug/L	102	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Endrin	525.2	0.01	--		2.0180	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Heptachlor	525.2	0.04	--		2.0940	2.0	ug/L	105	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Heptachlor epoxide	525.2	0.02	--		1.9930	2.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Hexachlorobenzene	525.2	0.1	--		1.9180	2.0	ug/L	96	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Hexachlorocyclopentadiene	525.2	0.1	--		1.8970	2.0	ug/L	95	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Methoxychlor	525.2	0.1	--		1.9640	2.0	ug/L	98	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Metolachlor	525.2	0.1	--		1.9850	2.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Metribuzin	525.2	0.1	--		2.0550	2.0	ug/L	103	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Propachlor	525.2	0.1	--		1.9990	2.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
CCC	Simazine	525.2	0.07	--		1.9030	2.0	ug/L	95	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 06:21	4535601
LMB	IS-Chrysene-d12	525.2	N/A	--		249087	311917	ug/L	80	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	IS-Phenanthrene-d10	525.2	N/A	--		385927	491497	ug/L	79	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	SS-Triphenylphosphate	525.2	N/A	--		5.5120	5.0	ug/L	114	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	IS-Acenaphthene-d10	525.2	N/A	--		526396	633720	ug/L	83	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	IS-p-Terphenyl-d14	525.2	N/A	--		384444	387666	ug/L	99	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	--		5.0970	5.0	ug/L	105	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	SS-Perylene-d12	525.2	N/A	--		4.8200	5.0	ug/L	99	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Atachlor	525.2	0.1	--	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Aldrin	525.2	0.1	--	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Atrazine	525.2	0.1	--	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Benzo(a)pyrene	525.2	0.02	--	<	0.02		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	gamma-BHC (Lindane)	525.2	0.02	--	<	0.02		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Butachlor	525.2	0.1	--	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Dieldrin	525.2	0.1	--	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777

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 #
LMB	Di(2-ethylhexyl)adipate	525.2	0.6	---	<	0.6		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Di(2-ethylhexyl)phthalate	525.2	0.6	---	<	0.6		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Endrin	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Heptachlor	525.2	0.04	---	<	0.04		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Heptachlor epoxide	525.2	0.02	---	<	0.02		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Hexachlorobenzene	525.2	0.1	---	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Hexachlorocyclopentadiene	525.2	0.1	---	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Methoxychlor	525.2	0.1	---	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Metolachlor	525.2	0.1	---	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Metribuzin	525.2	0.1	---	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Propachlor	525.2	0.1	---	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
LMB	Simazine	525.2	0.07	---	<	0.07		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 08:27	4518777
CCC	IS-Chrysene-d12	525.2	N/A	---		318927	318927	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	IS-Phenanthrene-d10	525.2	N/A	---		481283	481283	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	SS-Triphenylphosphate	525.2	N/A	---		4.9830	5.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	IS-Acenaphthene-d10	525.2	N/A	---		622199	622199	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	IS-p-Terphenyl-d14	525.2	N/A	---		402416	402416	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		5.2310	5.0	ug/L	105	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	SS-Perylene-d12	525.2	N/A	---		5.0980	5.0	ug/L	102	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Alachlor	525.2	0.1	---		2.0090	2.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Aldrin	525.2	0.1	---		2.0040	2.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Atrazine	525.2	0.1	---		2.0060	2.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Benzo(a)pyrene	525.2	0.02	---		1.9320	2.0	ug/L	97	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	gamma-BHC (Lindane)	525.2	0.02	---		1.9600	2.0	ug/L	98	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Butachlor	525.2	0.1	---		2.0240	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Dieldrin	525.2	0.1	---		1.8040	2.0	ug/L	90	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.0130	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.0600	2.0	ug/L	103	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Endrin	525.2	0.01	---		1.9590	2.0	ug/L	98	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Heptachlor	525.2	0.04	---		1.9780	2.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Heptachlor epoxide	525.2	0.02	---		1.9610	2.0	ug/L	98	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Hexachlorobenzene	525.2	0.1	---		1.9650	2.0	ug/L	98	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Hexachlorocyclopentadiene	525.2	0.1	---		1.9870	2.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Methoxychlor	525.2	0.1	---		1.9690	2.0	ug/L	98	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Metolachlor	525.2	0.1	---		2.0550	2.0	ug/L	103	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Metribuzin	525.2	0.1	---		2.0700	2.0	ug/L	104	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Propachlor	525.2	0.1	---		2.0290	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
CCC	Simazine	525.2	0.07	---		2.1580	2.0	ug/L	108	70 - 130	---	---	1.0	12/31/2019 08:30	01/11/2020 18:16	4535602
FS	IS-Chrysene-d12	525.2	N/A	RR Raw/Wells 1&3		246124	318927	ug/L	77	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	IS-Phenanthrene-d10	525.2	N/A	RR Raw/Wells 1&3		367303	481283	ug/L	76	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	SS-Triphenylphosphate	525.2	N/A	RR Raw/Wells 1&3		5.3820	5.0	ug/L	111	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453

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	IS-Acenaphthene-d10	525.2	N/A	RR Raw/Wells 1&3		478599	622199	ug/L	77	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	IS-p-Terphenyl-d14	525.2	N/A	RR Raw/Wells 1&3		380613	402416	ug/L	95	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	RR Raw/Wells 1&3		4.9320	5.0	ug/L	102	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	SS-Perylene-d12	525.2	N/A	RR Raw/Wells 1&3		4.5110	5.0	ug/L	93	70 - 130	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Alachlor	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Aldrin	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Atrazine	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Benzo(a)pyrene	525.2	0.02	RR Raw/Wells 1&3	<	0.02		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	gamma-BHC (Lindane)	525.2	0.02	RR Raw/Wells 1&3	<	0.02		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Butachlor	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Dieldrin	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Di(2-ethylhexyl)adipate	525.2	0.6	RR Raw/Wells 1&3	<	0.6		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Di(2-ethylhexyl)phthalate	525.2	0.6	RR Raw/Wells 1&3	<	0.6		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Endrin	525.2	0.01	RR Raw/Wells 1&3	<	0.01		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Heptachlor	525.2	0.04	RR Raw/Wells 1&3	<	0.04		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Heptachlor epoxide	525.2	0.02	RR Raw/Wells 1&3	<	0.02		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Hexachlorobenzene	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Hexachlorocyclopentadiene	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Methoxychlor	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Metolachlor	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Metribuzin	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Propachlor	525.2	0.1	RR Raw/Wells 1&3	<	0.1		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
FS	Simazine	525.2	0.07	RR Raw/Wells 1&3	<	0.07		ug/L	---	---	---	---	0.97	12/19/2019 08:49	01/11/2020 21:04	4511453
CCC	IS-Chrysene-d12	525.2	N/A	---		311504	311504	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	IS-Phenanthrene-d10	525.2	N/A	---		470276	470276	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	SS-Triphenylphosphate	525.2	N/A	---		5.0860	5.0	ug/L	102	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	IS-Acenaphthene-d10	525.2	N/A	---		624589	624589	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	IS-p-Terphenyl-d14	525.2	N/A	---		389063	389063	ug/L	100	50 - 150	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		5.1140	5.0	ug/L	102	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	SS-Perylene-d12	525.2	N/A	---		4.9380	5.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Alachlor	525.2	0.1	---		2.0780	2.0	ug/L	104	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Aldrin	525.2	0.1	---		2.0620	2.0	ug/L	103	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Atrazine	525.2	0.1	---		2.0660	2.0	ug/L	103	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Benzo(a)pyrene	525.2	0.02	---		1.8990	2.0	ug/L	95	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	gamma-BHC (Lindane)	525.2	0.02	---		1.9990	2.0	ug/L	100	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Butachlor	525.2	0.1	---		2.0160	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Dieldrin	525.2	0.1	---		1.8750	2.0	ug/L	94	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.0780	2.0	ug/L	104	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.0910	2.0	ug/L	105	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Endrin	525.2	0.01	---		2.0240	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Heptachlor	525.2	0.04	---		2.1060	2.0	ug/L	105	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603

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 #
CCC	Heptachlor epoxide	525.2	0.02	---		1.9870	2.0	ug/L	99	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Hexachlorobenzene	525.2	0.1	---		2.0220	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Hexachlorocyclopentadiene	525.2	0.1	---		1.9440	2.0	ug/L	97	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Methoxychlor	525.2	0.1	---		1.9370	2.0	ug/L	97	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Metolachlor	525.2	0.1	---		2.0790	2.0	ug/L	104	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Metribuzin	525.2	0.1	---		2.1140	2.0	ug/L	106	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Propachlor	525.2	0.1	---		2.0190	2.0	ug/L	101	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603
CCC	Simazine	525.2	0.07	---		2.0740	2.0	ug/L	104	70 - 130	---	---	1.0	12/31/2019 08:30	01/12/2020 02:41	4535603

Eurofins Eaton Analytical**Run Log**

Run ID: 269788 Method: 531.2

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCL	4522873		RW	DR	01/07/2020 10:12	531_2_010220DR
LMB	4522871		RW	DR	01/07/2020 10:43	531_2_010220DR
FS	4511443	RR Raw/Wells 1&3	DW	DR	01/07/2020 11:45	531_2_010220DR
CCM	4522874		RW	DR	01/07/2020 16:24	531_2_010220DR

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	SS-BDMC	531.2	N/A	--		1.8060	2.0	ug/L	90	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	Aldicarb	531.2	0.5	--		0.4450	0.5	ug/L	89	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	Aldicarb sulfone	531.2	0.7	--		0.4640	0.5	ug/L	93	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	Aldicarb sulfioxide	531.2	0.5	--		0.4790	0.5	ug/L	96	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	Carbaryl	531.2	0.5	--		0.4720	0.5	ug/L	94	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	Carbofuran	531.2	0.9	--		0.4090	0.5	ug/L	82	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	3-Hydroxycarbofuran	531.2	0.5	--		0.4540	0.5	ug/L	91	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	Methomyl	531.2	0.5	--		0.5270	0.5	ug/L	105	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	1-Naphthol	531.2	1.0	--		0.5310	0.5	ug/L	106	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
CCL	Oxamyl	531.2	1.0	--		0.4970	0.5	ug/L	99	50 - 150	---	---	1.0	12/23/2019 07:58	01/07/2020 10:12	4522873
LMB	SS-BDMC	531.2	N/A	--		1.8190	2.0	ug/L	91	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	Aldicarb	531.2	0.5	--	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	Aldicarb sulfone	531.2	0.7	--	<	0.7		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	Aldicarb sulfioxide	531.2	0.5	--	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	Carbaryl	531.2	0.5	--	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	Carbofuran	531.2	0.9	--	<	0.9		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	3-Hydroxycarbofuran	531.2	0.5	--	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	Methomyl	531.2	0.5	--	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	1-Naphthol	531.2	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
LMB	Oxamyl	531.2	1.0	--	<	1.0		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 10:43	4522871
FS	SS-BDMC	531.2	N/A	RR Raw/Wells 1&3		1.4930	2.0	ug/L	75	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	Aldicarb	531.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	Aldicarb sulfone	531.2	0.7	RR Raw/Wells 1&3	<	0.7		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	Aldicarb sulfioxide	531.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	Carbaryl	531.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	Carbofuran	531.2	0.9	RR Raw/Wells 1&3	<	0.9		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	3-Hydroxycarbofuran	531.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	Methomyl	531.2	0.5	RR Raw/Wells 1&3	<	0.5		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	1-Naphthol	531.2	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
FS	Oxamyl	531.2	1.0	RR Raw/Wells 1&3	<	1.0		ug/L	---	---	---	---	1.0	12/23/2019 07:58	01/07/2020 11:45	4511443
CCM	SS-BDMC	531.2	N/A	--		1.8170	2.0	ug/L	91	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	Aldicarb	531.2	0.5	--		1.6890	2.0	ug/L	84	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	Aldicarb sulfone	531.2	0.7	--		1.7940	2.0	ug/L	90	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	Aldicarb sulfioxide	531.2	0.5	--		1.8290	2.0	ug/L	91	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	Carbaryl	531.2	0.5	--		1.8400	2.0	ug/L	92	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	Carbofuran	531.2	0.9	--		1.7330	2.0	ug/L	87	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	3-Hydroxycarbofuran	531.2	0.5	--		1.7830	2.0	ug/L	89	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	Methomyl	531.2	0.5	--		1.7830	2.0	ug/L	89	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	1-Naphthol	531.2	1.0	--		1.8350	2.0	ug/L	92	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874
CCM	Oxamyl	531.2	1.0	--		1.7890	2.0	ug/L	89	70 - 130	---	---	1.0	12/23/2019 07:58	01/07/2020 16:24	4522874

QC Summary Report (cont.)

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

Eurofins Eaton Analytical

Run Log

Run ID: 269236 Method: 537.1

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCL	4517993		OS	GA	12/18/2019 21:16	121819M537.1a.wiff
LRB	4517967		RW	GA	12/18/2019 21:37	121819M537.1a.wiff
FBL	4517969		RW	GA	12/18/2019 21:48	121819M537.1a.wiff
FBM	4517970		RW	GA	12/18/2019 21:58	121819M537.1a.wiff
CCM	4517994		OS	GA	12/19/2019 00:48	121819M537.1a.wiff
CCH	4517995		OS	GA	12/19/2019 03:48	121819M537.1a.wiff
CCM	4518826		OS	GA	12/19/2019 11:09	121819M537.1a.wiff
FS	4511445	RR Raw/Wells 1&3	DW	GA	12/19/2019 11:45	121819M537.1a.wiff
CCH	4518827		OS	GA	12/19/2019 12:17	121819M537.1a.wiff

QC Summary Report

Sample Type	Analyte	Method	MDA95	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCL	Perfluorooctanoic acid (PFOA)	537.1	2.0	--		1.9632	2.0	ng/L	98	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	--		1.9320	2.0	ng/L	97	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	IS-NMeFOSAA-d3	537.1	N/A	--		640189.94	640189.94	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	IS-PFOA-13C2	537.1	N/A	--		791811.16	791811.16	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	IS-PFOS-13C4	537.1	N/A	--		2880716.73	2880716.73	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	SS-NEFOSAA-d5	537.1	N/A	--		154.5516	160	ng/L	97	70 - 130	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	SS-PFDA-13C2	537.1	N/A	--		38.7326	40.0	ng/L	97	70 - 130	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	SS-PFHXA-13C2	537.1	N/A	--		39.2626	40.0	ng/L	98	70 - 130	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	--		1.8986	2.0	ng/L	95	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorheptanoic acid (PFHpA)	537.1	2.0	--		1.8324	2.0	ng/L	92	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	--		1.8649	2.0	ng/L	93	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorononanoic acid (PFNA)	537.1	2.0	--		1.7932	2.0	ng/L	90	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorodecanoic acid (PFDA)	537.1	2.0	--		1.7905	2.0	ng/L	90	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorohexanoic acid (PFHxA)	537.1	2.0	--		1.9419	2.0	ng/L	97	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorododecanoic acid (PFDoA)	537.1	2.0	--		1.7040	2.0	ng/L	85	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorotridecanoic acid (PFTtDA)	537.1	2.0	--		1.8172	2.0	ng/L	91	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	--		1.8630	2.0	ng/L	93	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	--		2.0600	2.0	ng/L	103	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	--		1.7458	2.0	ng/L	87	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	HFPO-DA/GenX	537.1	2.0	--		1.8860	2.0	ng/L	94	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	ADONA	537.1	2.0	--		1.8524	2.0	ng/L	93	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	9CI-PF3ONS/F-53B Major	537.1	2.0	--		1.9280	2.0	ng/L	96	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	11CI-PF3OUdS/F-53B Minor	537.1	2.0	--		1.9084	2.0	ng/L	95	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	Perfluorotetradecanoic acid (PFTeDA)	537.1	2.0	--		1.8015	2.0	ng/L	90	50 - 150	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
CCL	SS-HFO-DA-13C3	537.1	N/A	--		39.8025	40.0	ng/L	100	70 - 130	---	---	1.0	12/16/2019 15:33	12/18/2019 21:16	4517993
LRB	Perfluorooctanoic acid (PFOA)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	IS-NMeFOSAA-d3	537.1	N/A	--		655906	640189.94	ng/L	102	50 - 150	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	IS-PFOA-13C2	537.1	N/A	--		788186	791811.16	ng/L	100	50 - 150	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	IS-PFOS-13C4	537.1	N/A	--		3024332	2880716.73	ng/L	105	50 - 150	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	SS-NEFOSAA-d5	537.1	N/A	--		125.3511	160	ng/L	85	70 - 130	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	SS-PFDA-13C2	537.1	N/A	--		34.1051	40.0	ng/L	93	70 - 130	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	SS-PFHXA-13C2	537.1	N/A	--		35.8800	40.0	ng/L	97	70 - 130	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorheptanoic acid (PFHpA)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorononanoic acid (PFNA)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorodecanoic acid (PFDA)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorohexanoic acid (PFHxA)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorododecanoic acid (PFDoA)	537.1	2.0	--	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967

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	Perfluorotridecanoic acid (PFTrDA)	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	HFPO-DA/GenX	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	ADONA	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	9CI-PF3ONS/F-53B Major	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	11CI-PF3OUdS/F-53B Minor	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	Perfluorotetradecanoic acid (PFTeDA)	537.1	2.0	---	<	2.0		ng/L	---	---	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
LRB	SS-HFPO-DA-13C3	537.1	N/A	---		34.5946	40.0	ng/L	94	70 - 130	---	---	0.92	12/18/2019 08:23	12/18/2019 21:37	4517967
FBL	Perfluorooctanoic acid (PFOA)	537.1	2.0	---		1.7890	2.0	ng/L	89	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	---		1.7037	2.0	ng/L	85	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	IS-NMeFOSAA-d3	537.1	N/A	---		660135	640189.94	ng/L	103	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	IS-PFOA-13C2	537.1	N/A	---		834342	791811.16	ng/L	105	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	IS-PFOS-13C4	537.1	N/A	---		3052955	2880716.73	ng/L	106	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	SS-NEFOSAA-d5	537.1	N/A	---		124.7770	160	ng/L	78	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	SS-PFDA-13C2	537.1	N/A	---		33.3888	40.0	ng/L	83	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	SS-PFHXA-13C2	537.1	N/A	---		33.9289	40.0	ng/L	85	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	---		1.7527	2.0	ng/L	88	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		1.6751	2.0	ng/L	84	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	---		1.6792	2.0	ng/L	84	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorononanoic acid (PFNA)	537.1	2.0	---		1.6051	2.0	ng/L	80	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorodecanoic acid (PFDA)	537.1	2.0	---		1.7407	2.0	ng/L	87	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		1.7030	2.0	ng/L	85	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorododecanoic acid (PFDoA)	537.1	2.0	---		1.4132	2.0	ng/L	71	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorotridecanoic acid (PFTrDA)	537.1	2.0	---		1.3720	2.0	ng/L	69	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	---		1.4643	2.0	ng/L	73	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		1.5750	2.0	ng/L	79	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		1.6038	2.0	ng/L	80	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	HFPO-DA/GenX	537.1	2.0	---		1.4873	2.0	ng/L	74	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	ADONA	537.1	2.0	---		1.5706	2.0	ng/L	79	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	9CI-PF3ONS/F-53B Major	537.1	2.0	---		1.5116	2.0	ng/L	76	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	11CI-PF3OUdS/F-53B Minor	537.1	2.0	---		1.4830	2.0	ng/L	74	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	Perfluorotetradecanoic acid (PFTeDA)	537.1	2.0	---		1.3620	2.0	ng/L	68	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBL	SS-HFPO-DA-13C3	537.1	N/A	---		31.8200	40.0	ng/L	80	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:48	4517969
FBM	Perfluorooctanoic acid (PFOA)	537.1	2.0	---		89.4893	100	ng/L	89	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	---		85.4983	100	ng/L	85	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	IS-NMeFOSAA-d3	537.1	N/A	---		731397	640189.94	ng/L	114	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	IS-PFOA-13C2	537.1	N/A	---		882871	791811.16	ng/L	112	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	IS-PFOS-13C4	537.1	N/A	---		3242552	2880716.73	ng/L	113	50 - 150	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	SS-NEFOSAA-d5	537.1	N/A	---		124.9369	160	ng/L	78	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970

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 #
FBM	SS-PFDA-13C2	537.1	N/A	---		33.3102	40.0	ng/L	83	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	SS-PFHXA-13C2	537.1	N/A	---		34.8248	40.0	ng/L	87	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	---		89.8941	100	ng/L	90	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluoroheptanoic acid (PFHpA)	537.1	2.0	---		83.8363	100	ng/L	84	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	---		90.4303	100	ng/L	90	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorononanoic acid (PFNA)	537.1	2.0	---		85.1479	100	ng/L	85	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorodecanoic acid (PFDA)	537.1	2.0	---		84.2871	100	ng/L	84	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		82.8390	100	ng/L	83	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorododecanoic acid (PFDoA)	537.1	2.0	---		78.0867	100	ng/L	78	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorotridecanoic acid (PFTtDA)	537.1	2.0	---		78.2303	100	ng/L	78	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	---		81.1296	100	ng/L	81	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		75.7468	100	ng/L	76	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		80.4787	100	ng/L	80	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	HFPO-DA/GenX	537.1	2.0	---		80.5275	100	ng/L	81	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	ADONA	537.1	2.0	---		83.4912	100	ng/L	83	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	9C+PF3ONS/F-53B Major	537.1	2.0	---		82.9315	100	ng/L	83	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	11C+PF3OUs/F-53B Minor	537.1	2.0	---		80.8325	100	ng/L	81	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	Perfluorotetradecanoic acid (PFTtDA)	537.1	2.0	---		75.8336	100	ng/L	76	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
FBM	SS-HFPO-DA-13C3	537.1	N/A	---		33.1106	40.0	ng/L	83	70 - 130	---	---	1.0	12/18/2019 08:23	12/18/2019 21:58	4517970
CCM	Perfluorooctanoic acid (PFOA)	537.1	2.0	---		96.7216	100	ng/L	97	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	---		95.8962	100	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	IS-NMeFOSAA-d3	537.1	N/A	---		598803	598803.22	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	IS-PFOA-13C2	537.1	N/A	---		828798	828798.11	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	IS-PFOS-13C4	537.1	N/A	---		2787286	2787285.74	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	SS-NEFOSAA-d5	537.1	N/A	---		163.0982	160	ng/L	102	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	SS-PFDA-13C2	537.1	N/A	---		34.5137	40.0	ng/L	86	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	SS-PFHXA-13C2	537.1	N/A	---		36.9047	40.0	ng/L	92	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	---		101.4053	100	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluoroheptanoic acid (PFHpA)	537.1	2.0	---		87.2296	100	ng/L	87	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	---		95.9829	100	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorononanoic acid (PFNA)	537.1	2.0	---		88.6687	100	ng/L	89	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorodecanoic acid (PFDA)	537.1	2.0	---		86.0184	100	ng/L	86	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		85.9057	100	ng/L	86	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorododecanoic acid (PFDoA)	537.1	2.0	---		84.7078	100	ng/L	85	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorotridecanoic acid (PFTtDA)	537.1	2.0	---		85.6741	100	ng/L	86	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	---		87.3612	100	ng/L	87	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		96.5171	100	ng/L	97	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		97.3586	100	ng/L	97	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	HFPO-DA/GenX	537.1	2.0	---		87.5385	100	ng/L	88	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	ADONA	537.1	2.0	---		89.0733	100	ng/L	89	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	9C+PF3ONS/F-53B Major	537.1	2.0	---		91.7298	100	ng/L	92	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994

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	11Cl-PF3OUdSf-53B Minor	537.1	2.0	---		100.6242	100	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	Perfluorotetradecanoic acid (PFTeDA)	537.1	2.0	---		84.9650	100	ng/L	85	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCM	SS-HFPO-DA-13C3	537.1	N/A	---		36.4779	40.0	ng/L	91	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 00:48	4517994
CCH	Perfluorooctanoic acid (PFOA)	537.1	2.0	---		213.6120	200	ng/L	107	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	---		202.0749	200	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	IS-NMeFOSAA-d3	537.1	N/A	---		594521	594520.91	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	IS-PFOA-13C2	537.1	N/A	---		835652	835651.58	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	IS-PFOS-13C4	537.1	N/A	---		2926093	2926092.66	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	SS-NEFOSAA-d5	537.1	N/A	---		168.3640	160	ng/L	105	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	SS-PFDA-13C2	537.1	N/A	---		37.0506	40.0	ng/L	93	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	SS-PFHXA-13C2	537.1	N/A	---		37.0521	40.0	ng/L	93	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	---		206.2849	200	ng/L	103	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		191.2726	200	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	---		204.6545	200	ng/L	102	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorononanoic acid (PFNA)	537.1	2.0	---		188.1190	200	ng/L	94	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorodecanoic acid (PFDA)	537.1	2.0	---		177.7333	200	ng/L	89	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		191.4619	200	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorododecanoic acid (PFDDA)	537.1	2.0	---		192.4849	200	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorotridecanoic acid (PFTDA)	537.1	2.0	---		185.2025	200	ng/L	92	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	---		183.3110	200	ng/L	93	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		209.2738	200	ng/L	105	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		209.0314	200	ng/L	105	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	HFPO-DA/GenX	537.1	2.0	---		193.7042	200	ng/L	97	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	ADONA	537.1	2.0	---		188.8723	200	ng/L	94	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	9Cl-PF3ONSf-53B Major	537.1	2.0	---		185.5419	200	ng/L	93	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	11Cl-PF3OUdSf-53B Minor	537.1	2.0	---		211.2428	200	ng/L	106	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	Perfluorotetradecanoic acid (PFTeDA)	537.1	2.0	---		184.5430	200	ng/L	92	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCH	SS-HFPO-DA-13C3	537.1	N/A	---		36.9249	40.0	ng/L	92	70 - 130	---	---	1.0	12/16/2019 15:33	12/19/2019 03:48	4517995
CCM	Perfluorooctanoic acid (PFOA)	537.1	2.0	---		98.5773	100	ng/L	99	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	---		96.0168	100	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	IS-NMeFOSAA-d3	537.1	N/A	---		605551	605551.29	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	IS-PFOA-13C2	537.1	N/A	---		739149	739148.69	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	IS-PFOS-13C4	537.1	N/A	---		2698522	2698521.84	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	SS-NEFOSAA-d5	537.1	N/A	---		175.1989	160	ng/L	109	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	SS-PFDA-13C2	537.1	N/A	---		40.8905	40.0	ng/L	102	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	SS-PFHXA-13C2	537.1	N/A	---		39.4938	40.0	ng/L	99	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	---		100.8061	100	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		97.2901	100	ng/L	97	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	---		101.1199	100	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorononanoic acid (PFNA)	537.1	2.0	---		96.2690	100	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorodecanoic acid (PFDA)	537.1	2.0	---		95.8552	100	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826

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	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		95.9634	100	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorododecanoic acid (PFDoA)	537.1	2.0	---		101.5044	100	ng/L	102	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorotridecanoic acid (PFTriDA)	537.1	2.0	---		105.3185	100	ng/L	105	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	---		101.1823	100	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		104.2321	100	ng/L	104	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		98.6627	100	ng/L	99	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	HFPO-DA/GenX	537.1	2.0	---		99.0659	100	ng/L	99	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	ADONA	537.1	2.0	---		99.6496	100	ng/L	100	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	9CI-PF3ONS/F-53B Major	537.1	2.0	---		93.8666	100	ng/L	94	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	11CI-PF3OUdS/F-53B Minor	537.1	2.0	---		103.0229	100	ng/L	103	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	Perfluorotetradecanoic acid (PFTeDA)	537.1	2.0	---		103.6316	100	ng/L	104	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
CCM	SS-HFOA-DA-13C3	537.1	N/A	---		40.2546	40.0	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 11:09	4518826
FS	Perfluorooctanoic acid (PFOA)	537.1	2.0	RR Raw/Wells 1&3		4.5		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	IS-NMeFOSAA-d3	537.1	N/A	RR Raw/Wells 1&3		766344	605551.29	ng/L	127	50 - 150	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	IS-PFOA-13C2	537.1	N/A	RR Raw/Wells 1&3		893370	739148.69	ng/L	121	50 - 150	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	IS-PFOS-13C4	537.1	N/A	RR Raw/Wells 1&3		3427182	2698521.84	ng/L	127	50 - 150	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	SS-NEFOSAA-d5	537.1	N/A	RR Raw/Wells 1&3		96.8930	160	ng/L	70	70 - 130	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	SS-PFDA-13C2	537.1	N/A	RR Raw/Wells 1&3		26.3114	40.0	ng/L	76	70 - 130	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	SS-PFHxA-13C2	537.1	N/A	RR Raw/Wells 1&3		28.7885	40.0	ng/L	84	70 - 130	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorohexanoic acid (PFHxA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorononanoic acid (PFNA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorodecanoic acid (PFDA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorohexanoic acid (PFHxA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorododecanoic acid (PFDoA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorotridecanoic acid (PFTriDA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	HFPO-DA/GenX	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	ADONA	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	9CI-PF3ONS/F-53B Major	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	11CI-PF3OUdS/F-53B Minor	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	Perfluorotetradecanoic acid (PFTeDA)	537.1	2.0	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
FS	SS-HFOA-DA-13C3	537.1	N/A	RR Raw/Wells 1&3	<	2.0		ng/L	---	---	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
CCH	Perfluorooctanoic acid (PFOA)	537.1	2.0	---		27.7099	40.0	ng/L	81	70 - 130	---	---	0.86	12/18/2019 08:23	12/19/2019 11:45	4511445
CCH	Perfluorooctanesulfonic acid (PFOS)	537.1	2.0	---		210.5047	200	ng/L	105	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	IS-NMeFOSAA-d3	537.1	N/A	---		197.5552	200	ng/L	99	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	IS-PFOA-13C2	537.1	N/A	---		611846	611846.22	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	IS-PFOA-13C2	537.1	N/A	---		777990	777990.33	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827

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-PFOS-13C4	537.1	N/A	---		3023078	3023078.4E	ng/L	100	50 - 150	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	SS-NEIFOSAA-d5	537.1	N/A	---		169.1127	160	ng/L	106	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	SS-PFDA-13C2	537.1	N/A	---		39.8821	40.0	ng/L	100	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	SS-PFHXA-13C2	537.1	N/A	---		40.0389	40.0	ng/L	100	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorobutanesulfonic acid (PFBS)	537.1	2.0	---		198.6426	200	ng/L	99	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluoroheptanoic acid (PFHpA)	537.1	2.0	---		200.8100	200	ng/L	100	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorohexanesulfonic acid (PFHxS)	537.1	2.0	---		192.6206	200	ng/L	96	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorononanoic acid (PFNA)	537.1	2.0	---		213.7954	200	ng/L	107	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorodecanoic acid (PFDA)	537.1	2.0	---		209.3831	200	ng/L	105	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorohexanoic acid (PFHxA)	537.1	2.0	---		204.6729	200	ng/L	102	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorododecanoic acid (PFDoA)	537.1	2.0	---		212.1879	200	ng/L	106	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorotridecanoic acid (PFTtDA)	537.1	2.0	---		207.0142	200	ng/L	104	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluoroundecanoic acid (PFUnA)	537.1	2.0	---		202.4709	200	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	N-ethyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		206.4952	200	ng/L	103	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	N-methyl Perfluorooctanesulfonamidoacetic acid	537.1	2.0	---		205.0823	200	ng/L	103	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	HFPO-DA/GenX	537.1	2.0	---		206.5831	200	ng/L	103	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	ADONA	537.1	2.0	---		200.9324	200	ng/L	100	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	9C-PF3ONS/F-53B Major	537.1	2.0	---		201.3634	200	ng/L	101	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	11C-PF3OUS/F-53B Minor	537.1	2.0	---		197.6111	200	ng/L	99	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	Perfluorotetradecanoic acid (PFTtDA)	537.1	2.0	---		209.9875	200	ng/L	105	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827
CCH	SS-HFPO-DA-13C3	537.1	N/A	---		40.7522	40.0	ng/L	102	70 - 130	---	---	1.0	12/16/2019 15:05	12/19/2019 12:17	4518827

Eurofins Eaton Analytical

Run Log

Run ID: 269178 Method: 547

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4518072		RW	EW	12/18/2019 19:11	547_121819EW
LFB	4518071		RW	EW	12/18/2019 19:29	547_121819EW
LMB	4518066		RW	EW	12/18/2019 20:05	547_121819EW
CCC	4518073		RW	EW	12/18/2019 23:38	547_121819EW
FS	4511452	RR Raw/Wells 1&3	DW	EW	12/19/2019 02:01	547_121819EW
CCC	4518074		RW	EW	12/19/2019 03:30	547_121819EW

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 #
CCC	Glyphosate	547	6.0	---		103.2410	100	ug/L	103	80 - 120	---	---	1.0	12/18/2019 12:33	12/18/2019 19:11	4518072
LFB	Glyphosate	547	6.0	---		44.0400	50.0	ug/L	88	73 - 122	---	---	1.0	12/18/2019 12:33	12/18/2019 19:29	4518071
LMB	Glyphosate	547	6.0	---	<	6.0		ug/L	---	---	---	---	1.0	12/18/2019 12:33	12/18/2019 20:05	4518066
CCC	Glyphosate	547	6.0	---		42.7140	50.0	ug/L	85	80 - 120	---	---	1.0	12/18/2019 12:33	12/18/2019 23:38	4518073
FS	Glyphosate	547	6.0	RR Raw/Wells 1&3	<	6.0		ug/L	---	---	---	---	1.0	12/18/2019 12:33	12/19/2019 02:01	4511452
CCC	Glyphosate	547	6.0	---		94.4510	100	ug/L	94	80 - 120	---	---	1.0	12/18/2019 12:33	12/19/2019 03:30	4518074

Eurofins Eaton Analytical

Run Log

Run ID: **269019** Method: **548.1**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4513285		OS	BV	12/16/2019 13:45	548 1-bv-071519.mth
LFB	4513283		RW	BV	12/16/2019 14:01	548 1-bv-071519.mth
LMB	4513278		RW	BV	12/16/2019 14:33	548 1-bv-071519.mth
CCC	4513286		OS	BV	12/16/2019 17:45	548 1-bv-071519.mth
FS	4511451	RR Raw/Wells 1&3	DW	BV	12/16/2019 20:41	548 1-bv-071519.mth
MS	4513289	RR Raw/Wells 1&3	DW	BV	12/16/2019 20:57	548 1-bv-071519.mth
MSD	4513290	RR Raw/Wells 1&3	DW	BV	12/16/2019 21:13	548 1-bv-071519.mth
CCC	4513287		OS	BV	12/16/2019 21:45	548 1-bv-071519.mth

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 #
CCC	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	---		68571	68571	ug/L	100	50 - 150	---	---	1.0	12/13/2019 08:20	12/16/2019 13:45	4513285
CCC	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	---		552.5880	500	ug/L	111	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 13:45	4513285
CCC	Endothall	548.1	9.0	---		51.8430	50.0	ug/L	104	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 13:45	4513285
LFB	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	---		72279	68571	ug/L	105	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 14:01	4513283
LFB	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	---		511.6920	500	ug/L	102	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 14:01	4513283
LFB	Endothall	548.1	9.0	---		98.9440	100	ug/L	99	69 - 136	---	---	1.0	12/13/2019 08:20	12/16/2019 14:01	4513283
LMB	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	---		80131	68571	ug/L	117	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 14:33	4513278
LMB	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	---		541.6490	500	ug/L	108	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 14:33	4513278
LMB	Endothall	548.1	9.0	---	<	9.0		ug/L	---	---	---	---	1.0	12/13/2019 08:20	12/16/2019 14:33	4513278
CCC	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	---		70274	70274	ug/L	100	50 - 150	---	---	1.0	12/13/2019 08:20	12/16/2019 17:45	4513286
CCC	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	---		572.0380	500	ug/L	114	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 17:45	4513286
CCC	Endothall	548.1	9.0	---		57.1070	50.0	ug/L	114	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 17:45	4513286
FS	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	RR Raw/Wells 1&3		79030	70274	ug/L	112	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 20:41	4511451
FS	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	RR Raw/Wells 1&3		566.4800	500	ug/L	113	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 20:41	4511451
FS	Endothall	548.1	9.0	RR Raw/Wells 1&3	<	9.0		ug/L	---	---	---	---	1.0	12/13/2019 08:20	12/16/2019 20:41	4511451
MS	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	RR Raw/Wells 1&3		71332	70274	ug/L	102	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 20:57	4513289
MS	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	RR Raw/Wells 1&3		535.1580	500	ug/L	107	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 20:57	4513289
MS	Endothall	548.1	9.0	RR Raw/Wells 1&3		119.6410	100	ug/L	120	70 - 142	---	---	1.0	12/13/2019 08:20	12/16/2019 20:57	4513289
MSD	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	RR Raw/Wells 1&3		62357	70274	ug/L	89	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 21:13	4513290
MSD	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	RR Raw/Wells 1&3		524.8420	500	ug/L	105	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 21:13	4513290
MSD	Endothall	548.1	9.0	RR Raw/Wells 1&3		128.3730	100	ug/L	128	70 - 142	7.0	31	1.0	12/13/2019 08:20	12/16/2019 21:13	4513290
CCC	IS-4,4'-Dibromooctafluorobiphenyl	548.1	N/A	---		71168	71168	ug/L	100	50 - 150	---	---	1.0	12/13/2019 08:20	12/16/2019 21:45	4513287
CCC	SS-2,4-Dichlorophenylacetic acid	548.1	N/A	---		549.6610	500	ug/L	110	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 21:45	4513287
CCC	Endothall	548.1	9.0	---		55.8200	50.0	ug/L	112	70 - 130	---	---	1.0	12/13/2019 08:20	12/16/2019 21:45	4513287



Eurofins Eaton Analytical

Run Log

Run ID: 269036 Method: 549.2

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4514919		RW	CL	12/16/2019 16:32	549_2-120419CL
LFB	4514917		RW	CL	12/16/2019 16:39	549_2-120419CL
LMB	4514924		RW	CL	12/16/2019 17:22	549_2-120419CL
FS	4511448	RR Raw/Wells 1&3	DW	CL	12/16/2019 19:22	549_2-120419CL
FD	4514923	RR Raw/Wells 1&3	DW	CL	12/16/2019 19:29	549_2-120419CL
CCC	4514920		RW	CL	12/16/2019 20:19	549_2-120419CL

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 #
CCC	Diquat	549.2	0.4	---		1.9952	2.0	ug/L	100	80 - 120	---	---	1.0	11/27/2019 14:53	12/16/2019 16:32	4514919
LFB	Diquat	549.2	0.4	---		4.3669	5.0	ug/L	87	70 - 130	---	---	1.0	12/16/2019 08:30	12/16/2019 16:39	4514917
LMB	Diquat	549.2	0.4	---	<	0.4		ug/L	---	---	---	---	1.0	12/16/2019 08:30	12/16/2019 17:22	4514924
FS	Diquat	549.2	0.4	RR Raw/Wells 1&3	<	0.4		ug/L	---	---	---	---	1.0	12/16/2019 08:30	12/16/2019 19:22	4511448
FD	Diquat	549.2	0.4	RR Raw/Wells 1&3	<	0.4		ug/L	---	---	---	---	1.0	12/16/2019 08:30	12/16/2019 19:29	4514923
CCC	Diquat	549.2	0.4	---		4.9449	5.0	ug/L	99	80 - 120	---	---	1.0	11/27/2019 14:53	12/16/2019 20:19	4514920

Sample Type Key

<u>Type (Abbr.)</u>	<u>Sample Type</u>	<u>Type (Abbr.)</u>	<u>Sample Type</u>
CCV	Continuing Cali. Verification	NCC	Nitrate Column Check
CCB	Continuing Calibration Blank	PFB	Pretreated Fortified Blank
CCC	Continuing Calibration Check	PRB	Pretreated Reagent Blank
CCH	Continuing Calibration High	QCS	Quality Control Sample
CCL	Continuing Calibration Low	UQCSCM	Unextracted QCS Mid
CCM	Continuing Calibration Mid		
DFBL	DFB Low		
FD	Field Duplicate		
FS	Field Sample		
FBL	Fortified Blank Low		
FBM	Fortified Blank Mid		
ICV	Initial Cali. Verification		
ICB	Initial Calibration Blank		
IPC	Instrument Performance Check		
LFSMDH	LFSM Duplicate High		
LFSMH	LFSM High		
LDB	Laboratory Digestion Blank		
LFB	Laboratory Fortified Blank		
LMB	Laboratory Method Blank		
LRB	Laboratory Reagent Blank		
LTB	Laboratory Trip Blank		
MS	Matrix Spike		
MSD	Matrix Spike Duplicate		

END OF REPORT



LEAD & COPPER (PbCu) IN DRINKING WATER REPORTING

State Form 53289 (R / 4-16)
 Indiana Department of Environmental Management (IDEM)
 Office of Water Quality - Drinking Water Branch - Compliance Section

INSTRUCTIONS: Please submit completed forms to: IDEM OWQ Drinking Water, Mail Code 66-34, 100 N Senate Ave, Indianapolis, IN 46204-2251

For Laboratory Use Only => (Write dates as MM/DD/YY)	Collection Date: <input type="text"/> / <input type="text"/> / <input type="text"/>	Lab Received: <input type="text"/> / <input type="text"/> / <input type="text"/>	Report Date: <input type="text"/> / <input type="text"/> / <input type="text"/>	Lab Report Number: <input type="text"/>
---	---	--	---	---

PWSID: <input type="text"/>	Public Water System Name: <input type="text"/>
Public Water System Contact Person: <input type="text"/>	System Contact Telephone Number: <input type="text"/> - <input type="text"/> - <input type="text"/>

Certified Lab ID: <input type="text"/> - <input type="text"/> - <input type="text"/>	Certified Laboratory Name: <input type="text"/>
Monitoring Period (check one): <input type="checkbox"/> Initial or Follow-up <input type="checkbox"/> Routine - Annual <input type="checkbox"/> Routine - Triennial <input type="checkbox"/> Special Purpose	Lab Contact Person: <input type="text"/> Contact Telephone Number: <input type="text"/> - <input type="text"/> - <input type="text"/> Number of Samples: Required: <input type="text"/> Collected: <input type="text"/> Calculated 90th Percentiles: Lead (ug/L) <input type="text"/> Copper (mg/L) <input type="text"/>

Sample Number	Sample Location	Sample ID	(<)	Lead Result (ug/L)	(<)	Copper Result (mg/L)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

**To compute the 90th percentile, list the results in order from lowest to highest. Multiply the number of samples collected by 0.9. The sample result that occupies this number is the 90th percentile. (Example: the 90th percentile for 5 lead and copper samples would be the average of the 4th and 5th highest sample results, since 5 x 0.9 is 4.5. For 10 samples it would be the 9th highest sample, for 20 samples it would be the 18th highest sample, and for 30 samples it would be the 27th highest sample, etc.). Use the back of this form if more than 20 samples were collected. Enter "<" (Less Than) to report results Below Detection Limit (BDL).*

I hereby certify that all the information submitted herein is true and accurate to the best of my knowledge.

Completed By: Date: / / Reviewed by:



Sample Number

Sample Location

Sample ID

(\leq) Lead Result ($\mu\text{g/L}$)

(\leq) Copper Result (mg/L)

Sample Number	Sample Location	Sample ID	(\leq) Lead Result ($\mu\text{g/L}$)	(\leq) Copper Result (mg/L)
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
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1

Pump Installation Report

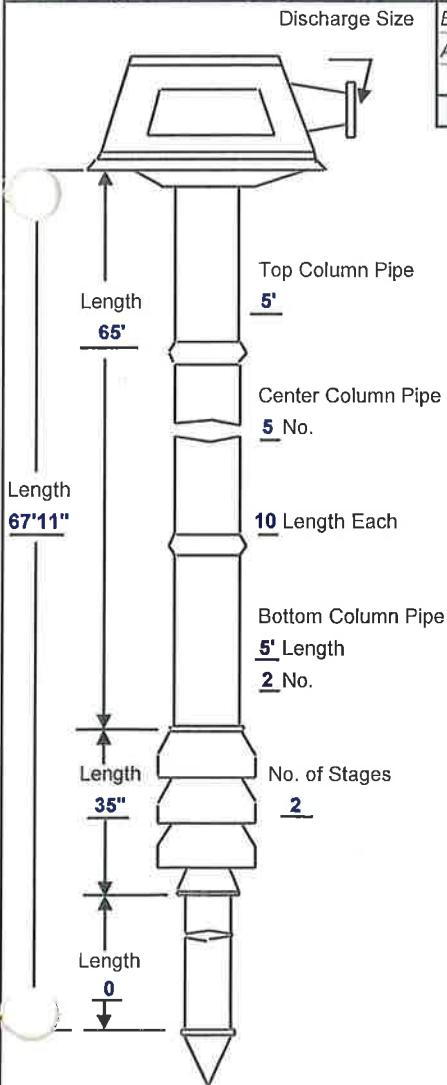
Charlestown State Park - Well #1

Date:	8/9/10	City, State	Charlestown, In
Project No.	3292-F	Pulling Equipment	Hydrocrane
Well Pump Loc.	Wellfield	Over Head Power Lines	No

Electric Motor Information

Manufacturer	US	Type	AUE	Motor Shaft Threads	Frame	286 TPH	S/N	R027404373-0007-M0005		
Motor Shaft Dia.	1 3/16"	Mtr. Shaft Lgt.	31"	Right Hand		X	ServiceFactor	1.15	HP	30
Keyway	1/4"	Clutch Diameter	1 3/16"	Left Hand			Volts	230/460	Phase	3
RPM	1770	Upper Bearing		T.P.I.		12	FL Amps	72/36	Motor Repair	New
Ratcheting	Yes	Lower Bearing					Line Voltage		SRC	
CD of Motor	24 3/4"									

Pump Assembly Specifics



Right Angle Drive Information

Brand Name	S/N	Gear Ratio
Aux Eng Brand Name	Mod. No.	S/N

Pump Information

Pump Head		Column Pipe	
Pump Head Mfr.	American Marsh	Coupling	C.I. <input type="checkbox"/> S.T. <input checked="" type="checkbox"/>
Discharge Head Type	1ZIC	Spiders	Drop - In <input checked="" type="checkbox"/> Screw - In <input type="checkbox"/>
Discharge Line Size	8"	Col. Pipe Size	8"
Location	Above <input checked="" type="checkbox"/> Below <input type="checkbox"/>	Screwed	<input checked="" type="checkbox"/>
Grade		Water Lube	<input checked="" type="checkbox"/>
Column To Head	FLGD <input type="checkbox"/> Threaded <input checked="" type="checkbox"/>	Shaft Size	1 3/16"
Base Plate	Yes		
Pump Top Shaft Lgt.	66"		
Diameter	1 3/16"		
Pin Sz. At Hd.	1 3/16"		
Pump Brand	American Marsh		

Bowl Assembly

Design GPM	@ TDH
Bowl Assembly Type	12ICZ-2
Shell Diameter	12"
Shell Material	C.I. <input checked="" type="checkbox"/> BZ. <input type="checkbox"/>
Stick up	8"
Serial No.	173909
Bowl Shaft Mat.	S.S. <input checked="" type="checkbox"/> Diam

Suction Pipe

Suction Size	Threads On Btm.
Length	Special Paint

Flow Test

SWL	Op. Pressure
GPM	PL
D.D.	Spec. Cap.
Amps	TDH

Minimum Submergence Above The Eye Of The Bottom Of Impeller

Well Data

Depth	118'6"	Type Well	GWW <input checked="" type="checkbox"/>	Screen Diameter	16"
Inside Dia.	15"		Tube	Screen Length	30'
Tower Height		Airline mat'l's		Screen Open Size	.070

Misc. Data

Pump Repaired Last	New	Installer:
Well Repaired Last	New	Brian Logan
Pump Off Size	8"	Rick Lux
		Tim Thompson

2

237 W. MONROE STREET
 P.O. BOX 55
 FRANKLIN, IN 46131
 (317) 738-4577
 FAX: (317) 738-9295



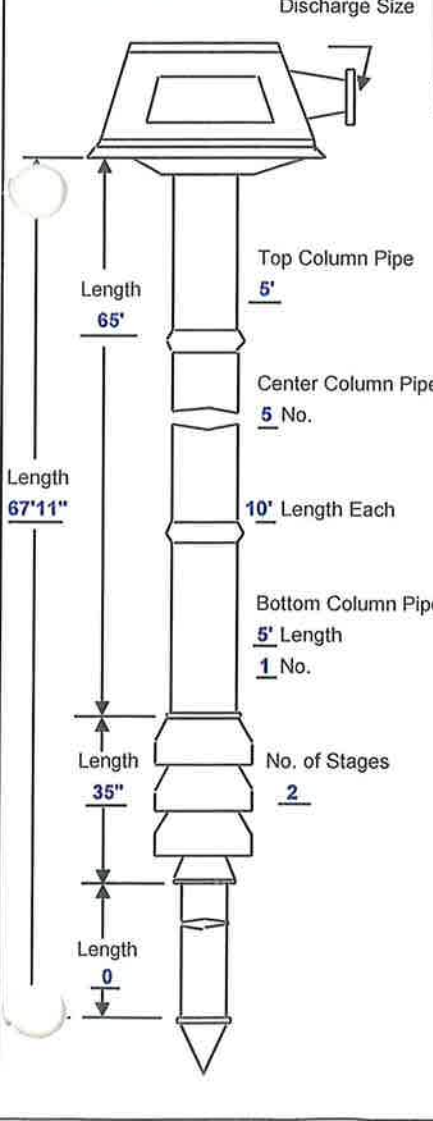
Pump Installation Report

Charlestown State Park - Well #2

Date:	8/9/10	City, State	Charlestown, In
Project No.	3292-F	Pulling Equipment	Hydrocrane
Well Pump Loc.	Wellfield	Over Head Power Lines	No

Electric Motor Information								
Manufacturer	US	Type	AUE	Motor Shaft Threads	Frame	286 TPH	S/N	R04741Z3610003-M0006
Motor Shaft Dia.	1 3/16"	Mtr. Shaft Lgt.	31"	Right Hand	ServiceFactor	1.15	HP	30
Keyway	1/4"	Clutch Diameter	1 3/16"	Left Hand	Volts	230/460	Phase	3
RPM	1770	Upper Bearing		T.P.I.	FL Amps	72/36	Motor Repair	New
Ratcheting	Yes	Lower Bearing			Line Voltage		SRC	
CD of Motor	24 3/4"							

Pump Assembly Specifics



Right Angle Drive Information

Brand Name	S/N	Gear Ratio
Aux Eng Brand Name	Mod. No.	S/N

Pump Information

Pump Head				Column Pipe			
Pump Head Mfr.	American Marsh			Coupling	C.I.		
Discharge Head Type					S.T.		X
Discharge Line Size	8"			Spiders	Drop - In		X
Location	Above	X	Grade		Screw - In		
	Below			Col. Pipe Size	8"		
Column To Head	FLGD		Threaded	Screwed	X		
Base Plate	Yes			Water Lube	X		
Pump Top Shaft Lgt.	66"			Shaft Size	1 3/16"		
Diameter	1 3/16"						
Pin Sz. At Hd.	1 3/16"						
Pump Brand	American Marsh						

Bowl Assembly

Design GPM	@ TDH		
Bowl Assembly Type	12ICZ-2		
Shell Diameter	12"		
Shell Material	C.I.	X	BZ.
Stick up			
Serial No.	173907		
Bowl Shaft Mat.	S.S.	X	Diam
Minimum Submergence Above The Eye Of The Bottom Of Impeller			

Well Data

Depth	99'8"	Type Well	GWW	X	Screen Diameter	16"
Inside Dia.	15"		Tube		Screen Length	40'
Tower Height		Airline mat'ls			Screen Open Size	.060

Misc. Data

Pump Repaired Last	New	Installer: Brian Logan Rick Lux Tim Thompson
Well Repaired Last	New	
Pump Off Size	8"	



Job Number 41006

MUNICIPAL & INDUSTRIAL WATER SYSTEMS
PRODUCTION TEST REPORT

WATER · MINERAL · ENERGY

Customer River Ridge WTP
 Address 6513 Longview Beach Road
Jeffersonville, IN

Date 08-31-2016

Well Number 1
 Well Diameter 16"
 Well Depth 118'-6"
 Lenth of Strainer 30'
 Depth to top of Strainer 88'-6"
 Orifice Size 6 x 5
 Length of Airline _____
 Static Level (feet) 39.10

Notes:
 8" Tee 5' in air
 Low O2 in Pit
 Packing OK
 Grease Motor
 Closest to Plant
 US 30hp
 Dirty on Startup

Time	GPM	Specific Capacity	Drawdown (feet)	Pumping Level (feet)	Inches on Orifice	Pressure Reading (#)	Amp Reading	TDH (feet)
9:30	352	293.33	1.20	40.30	8.0	45	24-24-25	144.20
9:45	543	193.93	2.80	41.90	19.0	40	24-25-25	134.26
10:00	797	204.36	3.90	43.00	41.0	30	25-26-27	112.27
10:15	1041	204.12	5.10	44.20	70.0	15	27-28-30	78.83

Shut-off Pressure (#) 50
 Shut-off TDH (feet) 154.55
 System Pressure 28-30 PSI

Crew Adam Burton
John Melander



Job Number 41006

MUNICIPAL & INDUSTRIAL WATER SYSTEMS
PRODUCTION TEST REPORT

WATER · MINERAL · ENERGY

Customer River Ridge WTP
 Address 6513 Longview Beach Road
Jeffersonville, IN

Date 08-31-2016

Well Number 2 (Center Well)
 Well Diameter 16"
 Well Depth 99'-8"
 Lenth of Strainer 40'
 Depth to top of Strainer 59'-8"
 Orifice Size 6 x 5
 Length of Airline _____
 Static Level (feet) 39.20

Notes:
 8" Tee 5' High
 Low O2 in Pit 18.5%
 Adjust Packing
 Grease Motor

Time	GPM	Specific Capacity	Drawdown (feet)	Pumping Level (feet)	Inches on Orifice	Pressure Reading (#)	Amp Reading	TDH (feet)
10:30	466	466.00	1.00	40.20	14.0	40	23-24-25	132.56
10:45	610	435.71	1.40	40.60	24.0	35	25-26-27	121.41
11:00	726	427.06	1.70	40.90	34.0	30	27-28-29	110.17
11:15	980	490.00	2.00	41.20	62.0	15	29-30-31	75.83

Shut-off Pressure (#) 46
 Shut-off TDH (feet) 145.41
 System Pressure 28-30 PSI

Crew Adam Burton
John Melander



Job Number 41006

MUNICIPAL & INDUSTRIAL WATER SYSTEMS
PRODUCTION TEST REPORT

WATER · MINERAL · ENERGY

Customer River Ridge WTP
 Address 6513 Longview Beach Road
Jeffersonville, IN

Date 08-31-2016

Well Number 3 (East Well)
 Well Diameter 16"
 Well Depth 103'-3"
 Lenth of Strainer 40'
 Depth to top of Strainer 63'-3"
 Orifice Size 6 x 5
 Length of Airline _____
 Static Level (feet) 39.20

Notes:
 8" Tee
 Low O2 in Pit
 Grease Motor
 Packing OK

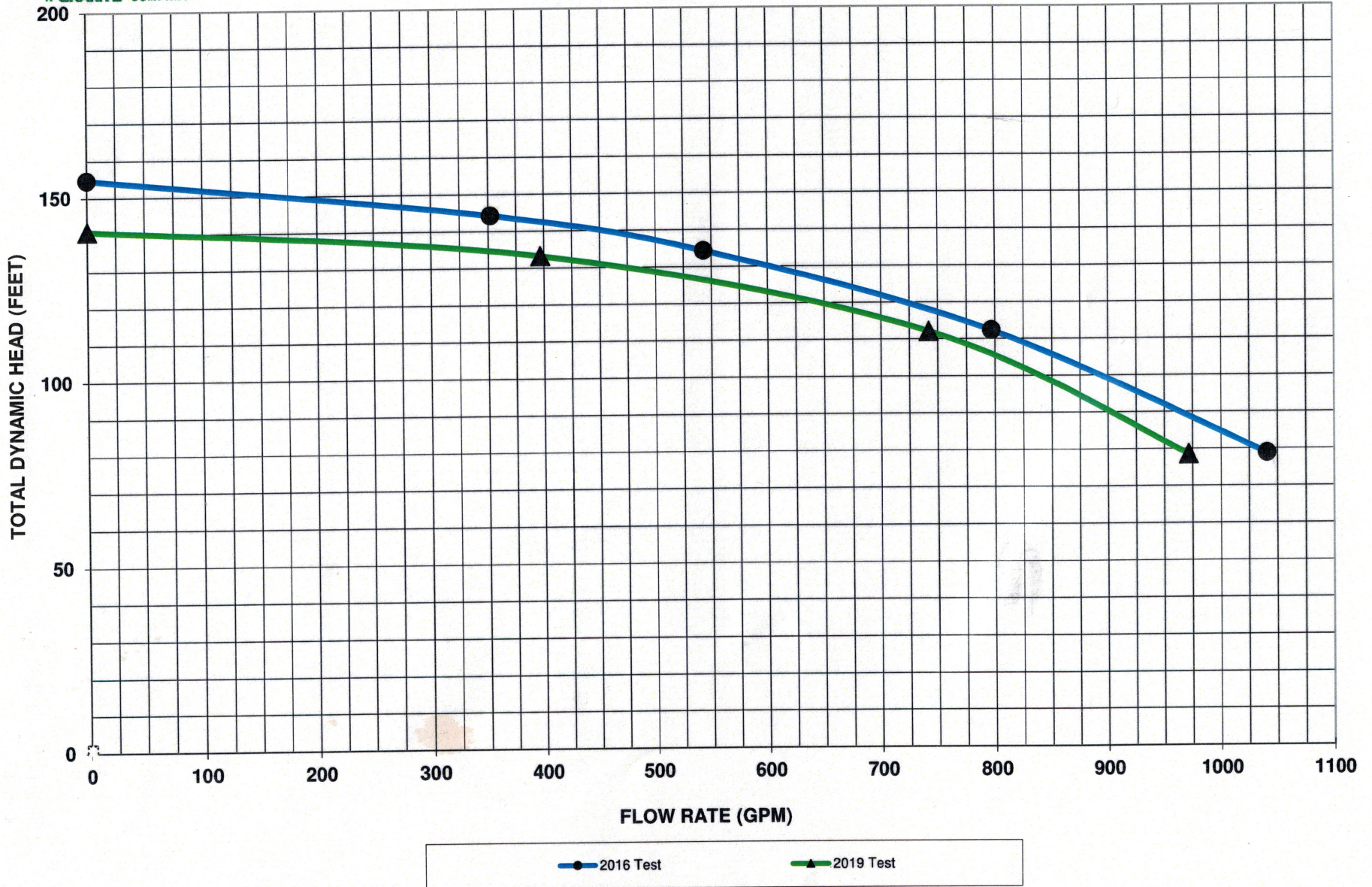
Time	GPM	Specific Capacity	Drawdown (feet)	Pumping Level (feet)	Inches on Orifice	Pressure Reading (#)	Amp Reading	TDH (feet)
12:15	557	618.89	0.90	40.10	20.0	40	25-26-28	132.46
12:30	726	558.46	1.30	40.50	34.0	35	27-28-30	121.31
12:45	826	516.25	1.60	40.80	44.0	30	29-30-32	110.07
1:00	1041	547.89	1.90	41.10	70.0	17	29-30-32	80.35

Shut-off Pressure (#) 46
 Shut-off TDH (feet) 145.41
 System Pressure 28-30 PSI

Crew Adam Burton
John Melander

Layne Christensen Company

RIVER RIDGE (LWC)
WELL 1
UNKNOWN PUMP
FIELD TEST DATA - 2016 AND 2019 TESTS





WATER · MINERAL · ENERGY

MUNICIPAL & INDUSTRIAL WATER SYSTEMS
PRODUCTION TEST REPORT

2016
 Job Number 41006

Customer River Ridge WTP
 Address 6513 Longview Beach Road
Jeffersonville, IN

Date 08-31-2016

Well Number 1
 Well Diameter 16"
 Well Depth 118'-6"
 Length of Strainer 30'
 Depth to top of Strainer 88'-6"
 Orifice Size 6 x 5
 Length of Airline _____
 Static Level (feet) 39.10

Notes:
 8" Tee 5' in air
 Low O2 in Pit
 Packing OK
 Grease Motor
 Closest to Plant
 US 30hp
 Dirty on Startup

Time	GPM	Specific Capacity	Drawdown (feet)	Pumping Level (feet)	Inches on Orifice	Pressure Reading (#)	Amp Reading	TDH (feet)
9:30	352	293.33	1.20	40.30	8.0	45	24-24-25	144.20
9:45	543	193.93	2.80	41.90	19.0	40	24-25-25	134.26
10:00	797	204.36	3.90	43.00	41.0	30	25-26-27	112.27
10:15	1041	204.12	5.10	44.20	70.0	15	27-28-30	78.83

Shut-off Pressure (#) 50
 Shut-off TDH (feet) 154.55
 System Pressure 28-30 PSI

Crew Adam Burton
John Melander

Drinking Water Branch

Water System Facilities

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Glossary

Water System No. :	IN5210018	Federal Type :	C
Water System Name :	CHARLESTOWN/RIVER RIDGE	State Type :	C
Principal County Served :	CLARK	Primary Source :	GW
Status :	I	Activity Date :	03-09-2018

State Asgn ID No.	Facility Name	Type	Activity Status
DS001	DISTRIBUTION SYSTEM	DS	A
ST011	STORAGE TANK #11	ST	A
ST012	STORAGE TANK #12	ST	A
ST013	STORAGE TANK #13	ST	A
TP003	TREATMENT PLANT #3 - NEW	TP	A
WL010	WELL #1 - NEW	WL	A
WL011	WELL #2 - NEW	WL	A
WL012	WELL #3 - NEW	WL	A
ST001	STORAGE TANK #1	ST	I
ST002	STORAGE TANK #2	ST	I
ST003	STORAGE TANK #3	ST	I
ST004	STORAGE TANK #4	ST	I
ST005	STORAGE TANK #5	ST	I
ST006	STORAGE TANK #6	ST	I
ST007	STORAGE TANK #7	ST	I
ST008	STORAGE TANK #8	ST	I
ST009	STORAGE TANK #9	ST	I
ST010	STORAGE TANK #10	ST	I
TP001	TREATMENT PLANT #1	TP	I
TP002	TREATMENT PLANT #2	TP	I
WL001	WELL #1	WL	I
WL002	WELL #2	WL	I
WL003	WELL #3	WL	I
WL004	WELL #4	WL	I
WL005	WELL #5	WL	I
WL006	WELL #6	WL	I
WL007	WELL #7	WL	I
WL008	WELL #8	WL	I
WL009	WELL #9	WL	I

Total Number of Records Displayed = 29

Drinking Water Branch

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Glossary

Water System Facilities

Water System No. :	IN2100018	Federal Type :	NTNC
Water System Name :	CHARLESTOWN/RIVER RIDGE	State Type :	NTNC
Principal County Served :	CLARK	Primary Source :	GW
Status :	A	Activity Date :	03-09-2018

State Asgn ID No.	Facility Name	Type	Activity Status
DS001	DISTRIBUTION SYSTEM	DS	A
ST002	STORAGE TANK #11	ST	A
ST003	STORAGE TANK #12	ST	A
ST004	STORAGE TANK #13	ST	A
TP001	TREATMENT PLANT #1	TP	A
WL001	WELL #1	WL	A
WL002	WELL #2	WL	A
WL003	WELL #3	WL	A
ST001	STORAGE TANK #1	ST	I

Total Number of Records Displayed = 9