Ameren

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19-70203

0218160007-Christian
Taylorville/Ameren
SF/TECH

October 8, 2019

Mike Haggitt
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P. O. Box 19276
Springfield, IL 62794-9276

Dear Mr. Haggitt:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Third Quarter, 2019 report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Third Quarter – 2019 Events

- Third quarter 2019 groundwater samples collected in August 2019 (results attached).
- The pump & treat system startup June 19, 2019.
- Third quarter 2019 pump and treat system samples (results attached).
- Carbon change August 21, 2019.

Fourth Quarter – 2019 Plans

- Collect fourth quarter groundwater samples.

Problems Encountered or Anticipated Problems

We have treated 1,263,606,192 gallons of groundwater through the system since startup until the end of September 2019. There has not been any migration of contamination off-site.

I certify under penalty of law that the specific Activity and Use Limitations identified in Paragraph 7 of the Uniform Environmental Covenant for the Ameren Taylorville MGP site remain in place. I am aware that any person who knowingly makes a false, fictitious, or fraudulent material statement to the Illinois EPA, either orally or in writing, commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44(h)(8)).

Sincerely yours,

Donald L. Richardson, P.E, PMP, CHMM, BCEE
Environmental Specialist
Environmental Services

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Taylorville/Ameren
SF/TECH

MGP Pump & Treat System Summary
Taylorville, Illinois
July 2019

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	West
Jul-19	x100				
1	233,692,600	97,900	East	32	60
2	233,790,500	76,400	East	40	60
3	233,866,900	55,800	East	41	60
4	233,922,700	134,800	East	40	60
5	234,057,500	63,700	East	36	60
6	234,121,200	76,700	East	40	60
7	234,197,900	77,400	East	40	60
8	234,275,300	98,400	East	44	60
9	234,373,700	94,800	East	36	60
10	234,468,500	80,400	East	38	60
11	234,548,900	108,200	East	42	60
12	234,657,100	81,700	East	36	60
13	234,738,800	82,400	East	38	60
14	234,821,200	88,400	East	41	60
15	234,909,600	96,700	East	34	60
16	235,006,300	78,900	East	38	60
17	235,085,200	82,700	East	40	60
18	235,167,900	89,000	East	42	60
19	235,256,900	68,100	East	40	60
20	235,325,000	50,900	East	44	60
21	235,375,900	32,300	East	46	60
22	235,408,200	101,100	East	46	60
23	235,509,300	80,200	East	38	60
24	235,589,500	62,500	East	42	60
25	235,652,000	84,300	East	44	60
26	235,736,300	90,900	East	36	60
27	235,827,200	61,300	East	42	60
28	235,888,500	33,100	East	48	60
29	235,921,600	90,300	East	48	60
30	236,011,900	76,300	East	40	60
31	236,088,200	58,600	East	44	60
Aug-19	236,146,800				

Flow Data	Gallons
For Month	2,454,200
To Pond	0
Below Pond	2,454,200
Average	79,168
Maximum	134,800
Minimum	32,300
Total Through June	1,257,271,892
Total Through July	1,259,726,092

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels		07/02/2019	
		07/29/2019	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	07/01/2019	07/01/2019
	Inoperable	07/04/2019	07/04/2019
	Inoperable	07/08/2019	07/08/2019
	Inoperable	07/11/2019	07/11/2019
	Inoperable	07/15/2019	07/15/2019
	Inoperable	07/18/2019	07/18/2019
	Inoperable	07/22/2019	07/22/2019
	Inoperable	07/25/2019	07/25/2019
	Inoperable	07/29/2019	07/29/2019
Drum Disposal	None		

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IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE
OCT 28 2019
REVIEWER: EMI

MGP Pump & Treat System Summary
Taylorville, Illinois
August 2019

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Aug-19	x100				
1	236,146,800	100,800	East	46	60
2	236,247,600	54,900	East	40	60
3	236,302,500	56,300	East	42	60
4	236,358,800	107,600	East	46	60
5	236,466,400	69,400	East	38	60
6	236,535,800	50,200	East	42	60
7	236,586,000	400	East	44	60
8	236,586,400	107,900	East	32	60
9	236,694,300	56,800	East	38	60
10	236,751,100	63,600	East	42	60
11	236,814,700	53,600	East	46	60
12	236,868,300	98,800	East	48	60
13	236,967,100	69,200	East	40	60
14	237,036,300	51,400	East	44	60
15	237,087,700	91,600	East	44	60
16	237,179,300	59,300	East	40	60
17	237,238,600	59,300	East	42	60
18	237,297,900	62,000	East	44	60
19	237,359,900	44,400	East	40	60
20	237,404,300	61,700	East	44	60
21	237,466,000	54,500	East	38	60
22	237,520,500	56,700	East	NM	NM
23	237,577,200	49,000	East	42	60
24	237,626,200	44,900	East	42	60
25	237,671,100	42,300	East	48	60
26	237,713,400	78,500	East	48	60
27	237,791,900	63,000	East	42	60
28	237,854,900	47,100	East	44	60
29	237,902,000	92,500	East	46	60
30	237,994,500	49,500	East	40	60
31	238,044,000	67,100	East	42	60
Sep-19	238,111,100				

Flow Data	Gallons
For Month	1,964,300
To Pond	0
Below Pond	1,964,300
Average	63,365
Maximum	107900
Minimum	400
Total Through July	1,259,726,092
Total Through Aug	1,261,690,392

Maintenance Summary

Well Cleaning			
Vessel	**North**	**South**	
Carbon Change		08/21/2019	
Cleaned Effluent Backwash Storage			
Back Washed Vessels		Lead 8/19/19	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	08/01/2019	08/01/2019
	Inoperable	08/04/2019	08/04/2019
	Inoperable	08/08/2019	08/08/2019
	Inoperable	08/12/2019	08/12/2019
	Inoperable	08/15/2019	08/15/2019
	Inoperable	08/21/2019	08/21/2019
	Inoperable	08/26/2019	08/26/2019
	Inoperable	08/29/2019	08/29/2019

Drum Disposal None

NOTES: Lost power on 8/7/2019

MGP Pump & Treat System Summary
Taylorville, Illinois
September 2019

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Sep-19	x100				
1	238,111,100	0	East	44	60
2	238,161,500	106,000	East	46	60
3	238,267,500	52,700	East	44	60
4	238,320,200	27,800	East	46	60
5	238,348,000	101,300	East	30	60
6	238,449,300	60,500	East	40	60
7	238,509,800	64,700	East	42	60
8	238,574,500	73,800	East	44	60
9	238,648,300	51,200	East	44	60
10	238,699,500	78,500	East	42	60
11	238,778,000	50,000	East	42	60
12	238,828,000	101,800	East	42	60
13	238,929,800	69,000	East	40	60
14	238,998,800	61,900	East	42	60
15	239,060,700	55,900	East	44	60
16	239,116,600	55,100	East	44	60
17	239,171,700	46,600	East	44	60
18	239,218,300	66,000	East	44	60
19	239,284,300	81,400	East	44	60
20	239,365,700	64,800	East	38	60
21	239,430,500	54,200	East	40	60
22	239,484,700	53,500	East	48	60
23	239,538,200	90,100	East	44	60
24	239,628,300	59,500	East	42	60
25	239,687,800	53,100	East	42	60
26	239,740,900	97,000	East	40	60
27	239,837,900	51,300	East	40	60
28	239,889,200	69,400	East	42	60
29	239,958,600	83,900	East	42	60
30	240,042,500	34,800	East	44	60
Oct-19	240,077,300				

Flow Data	Gallons
For Month	1,915,800
To Pond	0
Below Pond	1,809,800
Average	63,860
Maximum	106,000
Minimum	27,800
Total Through Aug	1,261,690,392
Total Through Sept	1,263,606,192

Maintenance Summary

Well Cleaning	None	None	
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	09/17/2019	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	09/02/2019	09/02/2019
	Inoperable	09/05/2019	09/05/2019
	Inoperable	09/10/2019	09/10/2019
	Inoperable	09/12/2019	09/12/2019
	Inoperable	09/19/2019	09/19/2019
	Inoperable	09/23/2019	09/23/2019
	Inoperable	09/26/2019	09/26/2019
Drum Disposal	None		

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	07/02/2019	7/10/2019	07/17/2019	07/24/2019	07/31/2019	Average	Maximum
Lab pH		-	-	-	7.14	7.16	7.12	6.90	6.95	7.05	7.16
Iron, Dissolved	mg/L	-	-	-	0.0445	0.0470	0.027 J	0.020 J	0.0241	0.033	0.047
Iron, Total	mg/L	-	-	-	0.0732	0.0702	0.0415	0.0327	0.0358	0.0507	0.0732
Acenaphthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	0.000130	0.000092 J	0.00011	0.00013
Benzene	µg/L	-	-	-	0.1 J	1.8	1.3	1.0 J	12.5	3.34	12.5
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	0.5 J	ND	ND	ND	ND	0.5 J
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	07/02/2019	7/10/2019	07/17/2019	07/24/2019	07/31/2019	Average	Maximum
Lab pH		-	-	-	6.96	7.29	7.08	6.99	6.97	7.06	7.29
Iron, Dissolved	mg/L	-	1.0	-	ND	0.021 J	ND	0.012 J	0.012 J	0.015	.021 J
Iron, Total	mg/L	2.0	4.0	-	ND	0.022 J	ND	0.016 J	0.014 J	0.017	0.022 J
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.010	-	ND	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	0.000147	0.000087 J	ND	0.000147
Benzene	µg/L	-	50.00	-	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	17.0	216	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	07/02/2019	7/10/2019	07/17/2019	07/24/2019	07/31/2019	Average	Maximum
Lab pH		-	-	-	7.08	7.28	7.06	6.90	6.95	7.05	7.28
Iron, Dissolved	mg/L	-	-	-	0.936	1.34	1.02	1.00	0.646	0.988	1.34
Iron, Total	mg/L	-	-	-	2.17	2.06	2.07	2.38	2.22	2.18	2.38
Acenaphthene	mg/L	-	-	0.420	0.00285	0.000253	0.00185	0.00222	0.00315	0.0020646	0.00315
Acenaphthylene	mg/L	-	-	-	0.00398	0.0112	0.000861	0.00168	0.00526	0.0045962	0.0112
Anthracene	mg/L	-	-	2.100	0.00123	0.00243	0.00106	0.00135	0.00173	0.00156	0.00243
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000111	0.00024	0.000091 J	0.000174	0.000141	0.000151	0.00024
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	0.000069 J	ND	ND	ND	0.000069 J	0.000069 J
Benzo(b)fluoranthene	mg/L	-	-	-	ND	0.000081 J	ND	ND	ND	0.000081 J	0.000081 J
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	0.000095 J	0.000236	0.000076 J	0.000156	0.000105	0.000134	0.000236
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.280	0.00114	0.00212	0.00101	0.00143	0.0014	0.00142	0.00212
Fluorene	mg/L	-	-	-	0.00337	0.00449	0.00279	0.00363 B	0.00433	0.00372	0.00449
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	0.350	0.0066 J	0.0032 J	0.0011 J	ND	ND	.0036 J	0.0066 J
o-Cresol	mg/L	-	-	0.350	0.0125	0.0047 J	0.0051 J	0.0036 J	0.0040 J	0.00598	0.0125
Phenanthrene	mg/L	-	-	-	0.0053	0.0106	0.00475	0.00603	0.00702	0.00674	0.0106
Pyrene	mg/L	-	-	-	0.00135	0.00265	0.00116	0.00161	0.00168	0.00169	0.00265
Total PNAs except Naphthalene	mg/L	-	-	-	0.0194	0.0343	0.0136	0.0183	0.0248	0.02208	0.0343
Benzene	µg/L	-	-	5	**1110**	**1080**	**837**	**832**	**792**	930.2	**1110**
Ethylbenzene	µg/L	-	-	700	37.3	42.4	33	34.5	26.9	34.8	42.4
m,p-Xylenes	µg/L	-	-	-	45	53.4	40.2	45.2	38 J	44.4	53.4
Naphthalene	µg/L	-	-	25	**190**	**210**	**141**	**202**	**177**	184	**210**
o-Xylene	µg/L	-	-	-	22.9	27.6	20.8	24	20 J	23.1	27.6
Toluene	µg/L	-	-	1000	286	296	207	254	212	251	296
Xylenes, Total	µg/L	-	-	10000	67.9	81	61	69.2	58	67.4	81.0

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standard
B = Analyte present in method blank

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	07/02/2019	7/10/2019	07/17/2019	07/24/2019	07/31/2019	Average	Maximum
Benzene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	NS	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	NS	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	08/07/2019	8/14/2019	08/21/2019	08/28/2019	Average	Maximum
Lab pH		-	-	-	7.03	6.99	7.37	7.23	7.16	7.37
Iron, Dissolved	mg/L	-	-	-	0.040 J	0.036 J	ND	0.031 J	0.036	0.040 J
Iron, Total	mg/L	-	-	-	0.0667	0.116	0.037 J	0.0422	0.065	0.116
Acenaphthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	-	-	7.8	6.1	ND	0.8	4.9	7.8
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	0.4 J	ND	0.4 J	ND	0.4 J	0.4 J
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	08/07/2019	8/14/2019	08/21/2019	08/28/2019	Average	Maximum
Lab pH		-	-	-	7.03	7.06	7.42	7.29	7.2	7.42
Iron, Dissolved	mg/L	-	1.0	-	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	2.0	4.0	-	0.026 J	ND	ND	ND	0.026 J	0.026 J
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	0.000170	ND	ND	0.000170	0.000170
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	0.000099 J	ND	ND	0.000099 J	0.000099 J
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.010	-	ND	0.000744	ND	ND	0.000744	0.000744
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	50.00	-	ND	ND	0.1 J	ND	0.1 J	0.1 J
Ethylbenzene	µg/L	17.0	216	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	08/07/2019	8/14/2019	08/21/2019	08/28/2019	Average	Maximum
Lab pH		-	-	-	6.98	7.02	7.24	7.25	7.1225	7.25
Iron, Dissolved	mg/L	-	-	-	0.478	0.509	0.52	0.777	0.571	0.777
Iron, Total	mg/L	-	-	-	2.37	2.28	2.34	2.47	2.365	2.47
Acenaphthene	mg/L	-	-	0.420	0.000577	0.00192	0.00569	0.00272	0.0027268	0.00569
Acenaphthylene	mg/L	-	-	-	0.000056 J	0.00124	0.0441	0.0056	0.0127	0.0441
Anthracene	mg/L	-	-	2.100	0.000948	0.00149	0.00759	0.00172 B	0.00294	0.00759
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000075 J	**0.00014**	**0.000792**	**0.000192 B**	0.000299	**0.000792**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	ND	**0.000437**	0.000101	0.000269	**0.000437**
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	0.000391	0.000085 J	0.000238	0.000391
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	0.00018 J	ND	0.00018 J	0.00018 J
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	0.00013	ND	0.00013	0.00013
Chrysene	mg/L	-	-	-	0.000050 J	0.000109	0.00063	0.000166 B	0.000239	0.00063
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.280	0.000915	0.00133	0.00479	0.00148 B	0.00213	0.00479
Fluorene	mg/L	-	-	-	0.00263	0.00391	0.0154	0.00409 B	0.00651	0.0154
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	0.000294	ND	0.000294	0.000294
m,p-Cresol	mg/L	-	-	0.350	0.00032 J	0.00047 J	0.0042 J	0.0015 J	0.00162	0.0042 J
o-Cresol	mg/L	-	-	0.350	0.0048 J	0.0046 J	0.0068 J	0.007 J	0.0333	0.0068 J
Phenanthrene	mg/L	-	-	-	0.00295	0.00623	0.0306	0.00635	0.0115325	0.0306
Pyrene	mg/L	-	-	-	0.000994	0.00157	0.00636	0.00165 B	0.0026	0.00636
Total PNAs except Naphthalene	mg/L	-	-	-	0.0092	0.018	0.118	0.0246	0.04245	0.118
Benzene	µg/L	-	-	5	**761**	**577**	**1050**	**631**	**754.75**	**1050**
Ethylbenzene	µg/L	-	-	700	23.1	20.8	48.5	23.4	28.95	48.5
m,p-Xylenes	µg/L	-	-	-	40.5	36.4	90.9	39.5	51.825	90.9
Naphthalene	µg/L	-	-	25	**162**	**177**	**429**	**192**	**240**	**429**
o-Xylene	µg/L	-	-	-	20 J	19 J	41.5	19 J	24.9	41.5
Toluene	µg/L	-	-	1000	222	170	493	194	269.75	493
Xylenes, Total	µg/L	-	-	10000	60.2	55	132	58.2	76.35	132

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standard
B = Analyte present in method blank

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	#########	8/14/2019	08/21/2019	08/28/2019	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	09/04/2019	09/11/2019	09/18/2019	09/25/2019	Average	Maximum
Lab pH		-	-	-	6.91	6.9	7.03	7.49	7.08	7.49
Iron, Dissolved	mg/L	-	-	-	0.039	0.0426	0.023 J	ND	0.041	0.0426
Iron, Total	mg/L	-	-	-	0.0852	0.0496	0.0586	0.027	0.055	0.0852
Acenaphthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	-	-	0.4 J	0.3 J	4.9	2.6	2.05	4.9
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	0.4 J	0.4 J	0.6	0.5	0.475	0.6
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	09/04/2019	09/11/2019	09/18/2019	09/25/2019	Average	Maximum
Lab pH		-	-	-	6.91	6.93	7.09	7.3	7.06	7.3
Iron, Dissolved	mg/L	-	1.0	-	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	2.0	4.0	-	ND	ND	ND	ND	ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.010	-	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	50.00	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	17.0	216	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
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NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
September 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	09/04/2019	09/11/2019	09/18/2019	09/25/2019	Average	Maximum
Lab pH		-	-	-	6.94	6.91	7.01	7.23	7.0225	7.23
Iron, Dissolved	mg/L	-	-	-	0.596	0.916	0.11	0.106	0.432	0.916
Iron, Total	mg/L	-	-	-	2.36	2.64	2.18	2.24	2.355	2.64
Acenaphthene	mg/L	-	-	0.420	0.00234	0.00275	0.0027	0.00296	0.0026875	0.00296
Acenaphthylene	mg/L	-	-	-	0.00816	0.0103	0.00707	0.0101	0.0089075	0.0103
Anthracene	mg/L	-	-	2.100	0.00125	0.002	0.00153	0.00133	0.0015275	0.002
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000111	**0.000268**	**0.000154**	**0.000166**	**0.0001748**	**0.000268**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	0.00015	ND	0.000067 J	0.000109	0.00015
Benzo(b)fluoranthene	mg/L	-	-	-	ND	0.000124	0.000065 J	0.000078 J	0.000089	0.000124
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	0.000070 J	0.000244	0.000114	0.000126	0.000139	0.000244
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.280	0.00111	0.0017	0.0014	0.00139	0.0014	0.0017
Fluorene	mg/L	-	-	-	0.0032	0.00455	0.00397	0.0036	0.00383	0.00455
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	0.350	0.0018 J	0.0014 J	0.0015 J	0.0016 J	0.00158 J	0.0018 J
o-Cresol	mg/L	-	-	0.350	0.011	0.0116	0.0116	0.0055 J	0.0099	0.0116
Phenanthrene	mg/L	-	-	-	0.00617	0.00793	0.00459	0.00334	0.0055075	0.00793
Pyrene	mg/L	-	-	-	0.00136	0.00213	0.00173	0.00168	0.001725	0.00213
Total PNAs except Naphthalene	mg/L	-	-	-	0.0216	0.0321	0.0233	0.0248	0.02545	0.0321
Benzene	µg/L	-	-	5	**545**	**564**	**608**	**684**	**600**	**684**
Ethylbenzene	µg/L	-	-	700	21	20.6	24.8	19 J	21.4	24.8
m,p-Xylenes	µg/L	-	-	-	39.2	37.4	54.2	35.9	41.7	54.2
Naphthalene	µg/L	-	-	25	**172**	**187**	**322**	**161**	210.5	**322**
o-Xylene	µg/L	-	-	-	18 J	18 J	24.3	16 J	19.1	24.3
Toluene	µg/L	-	-	1000	187	176	220	193	194	220
Xylenes, Total	µg/L	-	-	10000	57.7	55.4	78.5	52.3	61.0	78.5

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BOLD text indicates exceedance of the groundwater quality standard
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Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	#########	09/11/2019	09/18/2019	09/25/2019	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit

Environmental Resources Management

1701 Golf Road
Suite 1-700
Rolling Meadows, IL 60008
(314) 733-4490
(314) 754-8121 (fax)

ERM

September 18, 2019

Mr. Don Richardson
Ameren Services Company
Consulting Environmental Engineer
1901 Chouteau Avenue / MC 602
St. Louis, Missouri 63103

RE: Year 2019 Quarter 3 Groundwater Sampling Results
Former MGP Site - Taylorville, Illinois

Dear Don:

Environmental Resources Management (ERM) appreciates the opportunity to provide groundwater sampling services at the Ameren former MGP site in Taylorville, Illinois. ERM has been performing quarterly groundwater sampling at the Taylorville site for Ameren since the start of remediation activities.

Attachment A contains the results from the third quarter of sampling in 2019 at the Taylorville site. A summary of the data from 2015 to present for each monitoring well is presented in Attachment B. The data is similar to what has been observed in the past, in that impacts exceeding applicable remediation objectives (ROs) are noted primarily at Monitoring Well GW-4R. However, concentrations of MGP constituents in Monitoring Well GW-3 are again generally at the highest levels since about May 2017, with benzene and naphthalene exceeding the ROs defined for the site by the Illinois Environmental Protection Agency (IEPA). Naphthalene concentrations in GW-03 increased significantly again relative to the previous sampling event in May 2019. The wells on the downgradient edge of the site did not have exceedances to the ROs, including wells GW-16S, GW-16D, and the proposed compliance well GW-17. Estimated concentrations of polynuclear aromatic hydrocarbons (PAHs) were observed at several other locations on and off the site, all at concentrations below ROs. Analytical services were provided by Teklab, and are attached.

ERM appreciates the opportunity to provide groundwater sampling activities at the Taylorville former MGP site. Should you have any questions, please contact me at (217) 529-0914.

Sincerely,

Brett D. Carney

Brett D. Carney, P.G.
Project Manager
Environmental Resources Management
68 Villa Grove
Springfield, IL 62712

ATTACHMENT A

ANALYTICAL RESULTS
AUGUST 2019

August 22, 2019

Brett Carney
ERM
68 Villa Grove
Springfield, IL 62712
TEL: (217) 529-0914
FAX:

RE: Ameren Taylorville Quarterly GW Sampling **WorkOrder:** 19081112

Dear Brett Carney:

TEKLAB, INC received 23 samples on 8/15/2019 4:05:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Aaron Renner
Project Manager
(630)324-6855
arenner@teklabinc.com

Report Contents

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Accreditations	5
Laboratory Results	6
Sample Summary	29
Dates Report	30
Quality Control Results	33
Receiving Check List	46
Chain of Custody	Appended

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.□"
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Qualifiers

- # - Unknown hydrocarbon
- B - Analyte detected in associated Method Blank
- C - RL shown is a Client Requested Quantitation Limit
- E - Value above quantitation range
- H - Holding times exceeded
- I - Associated internal standard was outside method criteria
- J - Analyte detected below quantitation limits
- M - Manual Integration used to determine area response
- ND - Not Detected at the Reporting Limit
- R - RPD outside accepted recovery limits
- S - Spike Recovery outside recovery limits
- T - TIC(Tentatively identified compound)
- X - Value exceeds Maximum Contaminant Level

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

Cooler Receipt Temp: 2.8 °C

Locations

Collinsville

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	jhriley@teklabinc.com

Collinsville Air

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	EHurley@teklabinc.com

Springfield

Address	3920 Pintail Dr Springfield, IL 62711-9415
Phone	(217) 698-1004
Fax	(217) 698-1005
Email	KKlostermann@teklabinc.com

Chicago

Address	1319 Butterfield Rd. Downers Grove, IL 60515
Phone	(630) 324-6855
Fax	
Email	arenner@teklabinc.com

Kansas City

Address	8421 Nieman Road Lenexa, KS 66214
Phone	(913) 541-1998
Fax	(913) 541-1998
Email	jhriley@teklabinc.com

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2020	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2020	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2020	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2020	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2019	Collinsville
Arkansas	ADEQ	88-0966		3/14/2020	Collinsville
Illinois	IDPH	17584		5/31/2019	Collinsville
Indiana	ISDH	C-IL-06		1/31/2020	Collinsville
Kentucky	KDEP	98006		12/31/2019	Collinsville
Kentucky	UST	0073		1/31/2020	Collinsville
Louisiana	LDPH	LA016		12/31/2019	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2019	Collinsville
Tennessee	TDEC	04905		1/31/2020	Collinsville

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Lab ID: 19081112-001 **Client Sample ID:** GW-16D

Matrix: GROUNDWATER **Collection Date:** 08/12/2019 16:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Anthracene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 15:53	156519
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00800		**0.0141**	mg/L	4	08/21/2019 12:54	156519
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/20/2019 15:53	156519
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 15:53	156519
Fluorene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 15:53	156519
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/20/2019 15:53	156519
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 15:53	156519
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/20/2019 15:53	156519
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	08/20/2019 15:53	156519
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 15:53	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.2**	%REC	1	08/20/2019 15:53	156519
Surr: Nitrobenzene-d5	*	15-163		**65.7**	%REC	1	08/20/2019 15:53	156519
Surr: p-Terphenyl-d14	*	10-173		**91.4**	%REC	1	08/20/2019 15:53	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50	J	**0.30**	µg/L	1	08/16/2019 11:48	156471
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:48	156471
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 11:48	156471
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 11:48	156471
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:48	156471
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:48	156471
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 11:48	156471
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:48	156471
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:48	156471
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:48	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.1**	%REC	1	08/16/2019 11:48	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		**102.7**	%REC	1	08/16/2019 11:48	156471
Surr: Dibromofluoromethane	*	84.9-113		**99.1**	%REC	1	08/16/2019 11:48	156471
Surr: Toluene-d8	*	86.7-112		**99.9**	%REC	1	08/16/2019 11:48	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-002
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 08/12/2019 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/20/2019 16:31	156519
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00800		0.0120	mg/L	4	08/21/2019 13:33	156519
Chrysene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/20/2019 16:31	156519
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/20/2019 16:31	156519
Fluorene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 16:31	156519
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 16:31	156519
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/20/2019 16:31	156519
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 16:31	156519
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/20/2019 16:31	156519
Pyrene	NELAP	0.000200		ND	mg/L	1	08/20/2019 16:31	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		73.0	%REC	1	08/20/2019 16:31	156519
Surr: Nitrobenzene-d5	*	15-163		65.8	%REC	1	08/20/2019 16:31	156519
Surr: p-Terphenyl-d14	*	10-173		92.2	%REC	1	08/20/2019 16:31	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 12:14	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 12:14	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 12:14	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 12:14	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 12:14	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:14	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 12:14	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:14	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:14	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 12:14	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.7	%REC	1	08/16/2019 12:14	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		103.2	%REC	1	08/16/2019 12:14	156471
Surr: Dibromofluoromethane	*	84.9-113		100.4	%REC	1	08/16/2019 12:14	156471
Surr: Toluene-d8	*	86.7-112		103.6	%REC	1	08/16/2019 12:14	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-003
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 08/12/2019 17:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:09	156519
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	08/20/2019 17:09	156519
Chrysene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/20/2019 17:09	156519
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:09	156519
Fluorene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:09	156519
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 17:09	156519
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:09	156519
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 17:09	156519
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/20/2019 17:09	156519
Pyrene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:09	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		69.0	%REC	1	08/20/2019 17:09	156519
Surr: Nitrobenzene-d5	*	15-163		65.7	%REC	1	08/20/2019 17:09	156519
Surr: p-Terphenyl-d14	*	10-173		93.8	%REC	1	08/20/2019 17:09	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 12:41	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 12:41	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 12:41	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 12:41	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 12:41	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:41	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 12:41	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:41	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:41	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 12:41	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		100.7	%REC	1	08/16/2019 12:41	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		97.2	%REC	1	08/16/2019 12:41	156471
Surr: Dibromofluoromethane	*	84.9-113		99.7	%REC	1	08/16/2019 12:41	156471
Surr: Toluene-d8	*	86.7-112		98.0	%REC	1	08/16/2019 12:41	156471

Client: ERM | **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling | **Report Date:** 22-Aug-2019

Lab ID: 19081112-004 | **Client Sample ID:** GW-14

Matrix: GROUNDWATER | **Collection Date:** 08/13/2019 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:47	156519
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		0.00622	mg/L	2	08/21/2019 14:13	156519
Chrysene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/20/2019 17:47	156519
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:47	156519
Fluorene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 17:47	156519
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 17:47	156519
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:47	156519
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 17:47	156519
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/20/2019 17:47	156519
Pyrene	NELAP	0.000200		ND	mg/L	1	08/20/2019 17:47	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		70.6	%REC	1	08/20/2019 17:47	156519
Surr: Nitrobenzene-d5	*	15-163		68.1	%REC	1	08/20/2019 17:47	156519
Surr: p-Terphenyl-d14	*	10-173		89.0	%REC	1	08/20/2019 17:47	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 13:08	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 13:08	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 13:08	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 13:08	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 13:08	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 13:08	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 13:08	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 13:08	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 13:08	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 13:08	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.7	%REC	1	08/16/2019 13:08	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		100.1	%REC	1	08/16/2019 13:08	156471
Surr: Dibromofluoromethane	*	84.9-113		99.4	%REC	1	08/16/2019 13:08	156471
Surr: Toluene-d8	*	86.7-112		98.6	%REC	1	08/16/2019 13:08	156471

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Lab ID: 19081112-005 **Client Sample ID:** GW-18D

Matrix: GROUNDWATER **Collection Date:** 08/13/2019 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Anthracene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 18:25	156519
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00517**	mg/L	2	08/21/2019 14:53	156519
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/20/2019 18:25	156519
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 18:25	156519
Fluorene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/20/2019 18:25	156519
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/20/2019 18:25	156519
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 18:25	156519
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/20/2019 18:25	156519
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	08/20/2019 18:25	156519
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/20/2019 18:25	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.6**	%REC	1	08/20/2019 18:25	156519
Surr: Nitrobenzene-d5	*	15-163		**60.3**	%REC	1	08/20/2019 18:25	156519
Surr: p-Terphenyl-d14	*	10-173		**85.5**	%REC	1	08/20/2019 18:25	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2019 15:18	156471
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 15:18	156471
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 15:18	156471
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 15:18	156471
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 15:18	156471
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 15:18	156471
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 15:18	156471
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 15:18	156471
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 15:18	156471
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 15:18	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**103.7**	%REC	1	08/16/2019 15:18	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		**100.4**	%REC	1	08/16/2019 15:18	156471
Surr: Dibromofluoromethane	*	84.9-113		**101.9**	%REC	1	08/16/2019 15:18	156471
Surr: Toluene-d8	*	86.7-112		**97.6**	%REC	1	08/16/2019 15:18	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-006
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 08/13/2019 11:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:03	156519
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00265	mg/L	1	08/20/2019 19:03	156519
Chrysene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/20/2019 19:03	156519
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:03	156519
Fluorene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:03	156519
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 19:03	156519
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:03	156519
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 19:03	156519
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/20/2019 19:03	156519
Pyrene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:03	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		78.6	%REC	1	08/20/2019 19:03	156519
Surr: Nitrobenzene-d5	*	15-163		70.8	%REC	1	08/20/2019 19:03	156519
Surr: p-Terphenyl-d14	*	10-173		101.6	%REC	1	08/20/2019 19:03	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 13:59	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 13:59	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 13:59	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 13:59	156471
Methylene chloride	NELAP	2.0	J	0.94	µg/L	1	08/16/2019 13:59	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 13:59	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 13:59	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 13:59	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 13:59	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 13:59	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		98.1	%REC	1	08/16/2019 13:59	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		94.6	%REC	1	08/16/2019 13:59	156471
Surr: Dibromofluoromethane	*	84.9-113		98.5	%REC	1	08/16/2019 13:59	156471
Surr: Toluene-d8	*	86.7-112		102.2	%REC	1	08/16/2019 13:59	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-007
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 08/13/2019 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:41	156519
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.0200		0.0342	mg/L	10	08/21/2019 15:33	156519
Chrysene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/20/2019 19:41	156519
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:41	156519
Fluorene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/20/2019 19:41	156519
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 19:41	156519
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:41	156519
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/20/2019 19:41	156519
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/20/2019 19:41	156519
Pyrene	NELAP	0.000200		ND	mg/L	1	08/20/2019 19:41	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		77.1	%REC	1	08/20/2019 19:41	156519
Surr: Nitrobenzene-d5	*	15-163		71.1	%REC	1	08/20/2019 19:41	156519
Surr: p-Terphenyl-d14	*	10-173		87.2	%REC	1	08/20/2019 19:41	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 14:24	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 14:24	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 14:24	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 14:24	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 14:24	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:24	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 14:24	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:24	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:24	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 14:24	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.4	%REC	1	08/16/2019 14:24	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		100.2	%REC	1	08/16/2019 14:24	156471
Surr: Dibromofluoromethane	*	84.9-113		99.8	%REC	1	08/16/2019 14:24	156471
Surr: Toluene-d8	*	86.7-112		90.2	%REC	1	08/16/2019 14:24	156471

Client: ERM | **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling | **Report Date:** 22-Aug-2019

Lab ID: 19081112-008 | **Client Sample ID:** GW-19D

Matrix: GROUNDWATER | **Collection Date:** 08/13/2019 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/21/2019 0:43	156519
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.0200		0.0232	mg/L	10	08/21/2019 16:14	156519
Chrysene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/21/2019 0:43	156519
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/21/2019 0:43	156519
Fluorene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 0:43	156519
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 0:43	156519
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/21/2019 0:43	156519
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 0:43	156519
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/21/2019 0:43	156519
Pyrene	NELAP	0.000200		ND	mg/L	1	08/21/2019 0:43	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		77.2	%REC	1	08/21/2019 0:43	156519
Surr: Nitrobenzene-d5	*	15-163		70.4	%REC	1	08/21/2019 0:43	156519
Surr: p-Terphenyl-d14	*	10-173		98.0	%REC	1	08/21/2019 0:43	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 12:02	156466
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 12:02	156466
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 12:02	156466
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 12:02	156466
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 12:02	156466
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:02	156466
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 12:02	156466
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:02	156466
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 12:02	156466
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 12:02	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		104.1	%REC	1	08/16/2019 12:02	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		101.6	%REC	1	08/16/2019 12:02	156466
Surr: Dibromofluoromethane	*	84.9-113		100.6	%REC	1	08/16/2019 12:02	156466
Surr: Toluene-d8	*	86.7-112		97.2	%REC	1	08/16/2019 12:02	156466

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-009
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 08/13/2019 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:21	156519
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:21	156519
Anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:21	156519
Benzo(a)anthracene	NELAP	0.00010	J	**0.000053**	mg/L	1	08/21/2019 1:21	156519
Benzo(a)pyrene	NELAP	0.00010	J	**0.000082**	mg/L	1	08/21/2019 1:21	156519
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000070**	mg/L	1	08/21/2019 1:21	156519
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 1:21	156519
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:21	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/21/2019 1:21	156519
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:21	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:21	156519
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 1:21	156519
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 1:21	156519
Fluorene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:21	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**0.000100**	mg/L	1	08/21/2019 1:21	156519
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 1:21	156519
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 1:21	156519
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 1:21	156519
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	08/21/2019 1:21	156519
Pyrene	NELAP	0.00020	J	**0.00019**	mg/L	1	08/21/2019 1:21	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		**80.0**	%REC	1	08/21/2019 1:21	156519
Surr: Nitrobenzene-d5	*	15-163		**77.1**	%REC	1	08/21/2019 1:21	156519
Surr: p-Terphenyl-d14	*	10-173		**101.4**	%REC	1	08/21/2019 1:21	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2019 12:29	156466
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:29	156466
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 12:29	156466
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 12:29	156466
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:29	156466
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:29	156466
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 12:29	156466
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:29	156466
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:29	156466
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:29	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**102.6**	%REC	1	08/16/2019 12:29	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		**101.1**	%REC	1	08/16/2019 12:29	156466
Surr: Dibromofluoromethane	*	84.9-113		**99.6**	%REC	1	08/16/2019 12:29	156466
Surr: Toluene-d8	*	86.7-112		**98.5**	%REC	1	08/16/2019 12:29	156466

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-010
Client Sample ID: GW-7
Matrix: GROUNDWATER
Collection Date: 08/13/2019 16:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00010	J	**0.000078**	mg/L	1	08/21/2019 1:59	156519
Acenaphthylene	NELAP	0.000100		**0.000142**	mg/L	1	08/21/2019 1:59	156519
Anthracene	NELAP	0.000100		**0.00106**	mg/L	1	08/21/2019 1:59	156519
Benzo(a)anthracene	NELAP	0.000100		**0.000213**	mg/L	1	08/21/2019 1:59	156519
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:59	156519
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:59	156519
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 1:59	156519
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:59	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	S	**0.00364**	mg/L	1	08/21/2019 1:59	156519
Chrysene	NELAP	0.000100		**0.000121**	mg/L	1	08/21/2019 1:59	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:59	156519
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 1:59	156519
Fluoranthene	NELAP	0.000200		**0.00142**	mg/L	1	08/21/2019 1:59	156519
Fluorene	NELAP	0.000100		**0.000249**	mg/L	1	08/21/2019 1:59	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 1:59	156519
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 1:59	156519
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 1:59	156519
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 1:59	156519
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	08/21/2019 1:59	156519
Pyrene	NELAP	0.000200		**0.00199**	mg/L	1	08/21/2019 1:59	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		**80.7**	%REC	1	08/21/2019 1:59	156519
Surr: Nitrobenzene-d5	*	15-163		**73.8**	%REC	1	08/21/2019 1:59	156519
Surr: p-Terphenyl-d14	*	10-173	S	**176.1**	%REC	1	08/21/2019 1:59	156519

Surrogate recovery is outside control limits due to matrix interference.
Matrix spike did not recover within control limits due to sample composition.
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2019 12:56	156466
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:56	156466
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 12:56	156466
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 12:56	156466
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:56	156466
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:56	156466
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 12:56	156466
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:56	156466
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:56	156466
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 12:56	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**102.7**	%REC	1	08/16/2019 12:56	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		**101.6**	%REC	1	08/16/2019 12:56	156466
Surr: Dibromofluoromethane	*	84.9-113		**99.6**	%REC	1	08/16/2019 12:56	156466
Surr: Toluene-d8	*	86.7-112		**97.7**	%REC	1	08/16/2019 12:56	156466

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Lab ID: 19081112-011 **Client Sample ID:** GW-7 DUP

Matrix: GROUNDWATER **Collection Date:** 08/13/2019 16:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00010	J	**0.000086**	mg/L	1	08/21/2019 3:52	156519
Acenaphthylene	NELAP	0.000100		**0.000135**	mg/L	1	08/21/2019 3:52	156519
Anthracene	NELAP	0.000100		**0.00101**	mg/L	1	08/21/2019 3:52	156519
Benzo(a)anthracene	NELAP	0.000100		**0.000189**	mg/L	1	08/21/2019 3:52	156519
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 3:52	156519
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 3:52	156519
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 3:52	156519
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 3:52	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00480**	mg/L	2	08/21/2019 16:54	156519
Chrysene	NELAP	0.000100		**0.000145**	mg/L	1	08/21/2019 3:52	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 3:52	156519
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 3:52	156519
Fluoranthene	NELAP	0.000200		**0.00137**	mg/L	1	08/21/2019 3:52	156519
Fluorene	NELAP	0.000100		**0.000255**	mg/L	1	08/21/2019 3:52	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 3:52	156519
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 3:52	156519
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 3:52	156519
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 3:52	156519
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	08/21/2019 3:52	156519
Pyrene	NELAP	0.000200		**0.00194**	mg/L	1	08/21/2019 3:52	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.3**	%REC	1	08/21/2019 3:52	156519
Surr: Nitrobenzene-d5	*	15-163		**67.7**	%REC	1	08/21/2019 3:52	156519
Surr: p-Terphenyl-d14	*	10-173		**93.7**	%REC	1	08/21/2019 3:52	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2019 13:22	156466
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 13:22	156466
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 13:22	156466
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 13:22	156466
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 13:22	156466
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 13:22	156466
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 13:22	156466
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 13:22	156466
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 13:22	156466
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 13:22	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**103.0**	%REC	1	08/16/2019 13:22	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		**100.8**	%REC	1	08/16/2019 13:22	156466
Surr: Dibromofluoromethane	*	84.9-113		**100.1**	%REC	1	08/16/2019 13:22	156466
Surr: Toluene-d8	*	86.7-112		**97.4**	%REC	1	08/16/2019 13:22	156466

Client: ERM | **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling | **Report Date:** 22-Aug-2019

Lab ID: 19081112-012 | **Client Sample ID:** GW-3

Matrix: GROUNDWATER | **Collection Date:** 08/13/2019 17:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000792**	mg/L	1	08/21/2019 4:30	156519
Acenaphthylene	NELAP	0.000100		**0.00229**	mg/L	1	08/21/2019 4:30	156519
Anthracene	NELAP	0.000100		**0.000163**	mg/L	1	08/21/2019 4:30	156519
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 4:30	156519
Benzo(a)pyrene	NELAP	0.00010	J	**0.000060**	mg/L	1	08/21/2019 4:30	156519
Benzo(b)fluoranthene	NELAP	0.000100		**0.000133**	mg/L	1	08/21/2019 4:30	156519
Benzo(g,h,i)perylene	NELAP	0.00020	J	**0.00018**	mg/L	1	08/21/2019 4:30	156519
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 4:30	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00207**	mg/L	1	08/21/2019 4:30	156519
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 4:30	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 4:30	156519
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 4:30	156519
Fluoranthene	NELAP	0.000200		**0.000664**	mg/L	1	08/21/2019 4:30	156519
Fluorene	NELAP	0.000100		**0.00113**	mg/L	1	08/21/2019 4:30	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**0.000310**	mg/L	1	08/21/2019 4:30	156519
m,p-Cresol	NELAP	0.010	J	**0.00057**	mg/L	1	08/21/2019 4:30	156519
Naphthalene	NELAP	0.000200		**0.00132**	mg/L	1	08/21/2019 4:30	156519
o-Cresol	NELAP	0.010	J	**0.00094**	mg/L	1	08/21/2019 4:30	156519
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	08/21/2019 4:30	156519
Pyrene	NELAP	0.000200		**0.00109**	mg/L	1	08/21/2019 4:30	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		**86.6**	%REC	1	08/21/2019 4:30	156519
Surr: Nitrobenzene-d5	*	15-163		**81.1**	%REC	1	08/21/2019 4:30	156519
Surr: p-Terphenyl-d14	*	10-173		**94.6**	%REC	1	08/21/2019 4:30	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	5.00		**30.2**	µg/L	10	08/16/2019 13:49	156466
Bromoform	NELAP	20.0		**ND**	µg/L	10	08/16/2019 13:49	156466
Ethylbenzene	NELAP	10	J	**7.3**	µg/L	10	08/16/2019 13:49	156466
m,p-Xylenes	NELAP	10.0		**83.1**	µg/L	10	08/16/2019 13:49	156466
Methylene chloride	NELAP	20.0		**ND**	µg/L	10	08/16/2019 13:49	156466
Naphthalene	NELAP	20.0		**1020**	µg/L	10	08/16/2019 13:49	156466
o-Xylene	NELAP	10.0		**86.8**	µg/L	10	08/16/2019 13:49	156466
Toluene	NELAP	20	J	**11**	µg/L	10	08/16/2019 13:49	156466
trans-1,2-Dichloroethene	NELAP	20.0		**ND**	µg/L	10	08/16/2019 13:49	156466
Xylenes, Total	NELAP	20.0		**170**	µg/L	10	08/16/2019 13:49	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**102.2**	%REC	10	08/16/2019 13:49	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		**100.3**	%REC	10	08/16/2019 13:49	156466
Surr: Dibromofluoromethane	*	84.9-113		**99.1**	%REC	10	08/16/2019 13:49	156466
Surr: Toluene-d8	*	86.7-112		**97.1**	%REC	10	08/16/2019 13:49	156466
Elevated reporting limit due to high levels of target and/or non-target analytes.								

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-013
Client Sample ID: GW-2
Matrix: GROUNDWATER
Collection Date: 08/13/2019 17:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Anthracene	NELAP	0.00010	J	**0.000085**	mg/L	1	08/21/2019 5:08	156519
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 5:08	156519
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Bis(2-ethylhexyl)phthalate	NELAP	0.0375		**0.0377**	mg/L	25	08/21/2019 17:34	156519
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 5:08	156519
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 5:08	156519
Fluorene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 5:08	156519
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 5:08	156519
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 5:08	156519
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 5:08	156519
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	08/21/2019 5:08	156519
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 5:08	156519
Surr: 2-Fluorobiphenyl	*	21.4-142		**84.9**	%REC	1	08/21/2019 5:08	156519
Surr: Nitrobenzene-d5	*	15-163		**74.3**	%REC	1	08/21/2019 5:08	156519
Surr: p-Terphenyl-d14	*	10-173		**102.2**	%REC	1	08/21/2019 5:08	156519
Allowable Marginal Exceedance of Phenanthrene in the laboratory control sample is verified per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2019 14:16	156466
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 14:16	156466
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 14:16	156466
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 14:16	156466
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 14:16	156466
Naphthalene	NELAP	2.0	J	**1.6**	µg/L	1	08/16/2019 14:16	156466
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 14:16	156466
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 14:16	156466
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 14:16	156466
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 14:16	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.5**	%REC	1	08/16/2019 14:16	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		**99.7**	%REC	1	08/16/2019 14:16	156466
Surr: Dibromofluoromethane	*	84.9-113		**99.3**	%REC	1	08/16/2019 14:16	156466
Surr: Toluene-d8	*	86.7-112		**98.7**	%REC	1	08/16/2019 14:16	156466

Client: ERM | **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling | **Report Date:** 22-Aug-2019

Lab ID: 19081112-014 | **Client Sample ID:** GW-22D

Matrix: GROUNDWATER | **Collection Date:** 08/14/2019 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/21/2019 5:45	156551
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		0.00834	mg/L	2	08/21/2019 18:14	156551
Chrysene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/21/2019 5:45	156551
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/21/2019 5:45	156551
Fluorene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 5:45	156551
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 5:45	156551
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/21/2019 5:45	156551
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 5:45	156551
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/21/2019 5:45	156551
Pyrene	NELAP	0.000200		ND	mg/L	1	08/21/2019 5:45	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		67.5	%REC	1	08/21/2019 5:45	156551
Surr: Nitrobenzene-d5	*	15-163		65.4	%REC	1	08/21/2019 5:45	156551
Surr: p-Terphenyl-d14	*	10-173		85.2	%REC	1	08/21/2019 5:45	156551
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 14:43	156466
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 14:43	156466
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 14:43	156466
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 14:43	156466
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 14:43	156466
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:43	156466
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 14:43	156466
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:43	156466
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:43	156466
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 14:43	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		102.6	%REC	1	08/16/2019 14:43	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		101.9	%REC	1	08/16/2019 14:43	156466
Surr: Dibromofluoromethane	*	84.9-113		100.1	%REC	1	08/16/2019 14:43	156466
Surr: Toluene-d8	*	86.7-112		100.9	%REC	1	08/16/2019 14:43	156466

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Lab ID: 19081112-015 **Client Sample ID:** GW-22S

Matrix: GROUNDWATER **Collection Date:** 08/14/2019 9:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/21/2019 6:23	156551
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	08/21/2019 6:23	156551
Chrysene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/21/2019 6:23	156551
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/21/2019 6:23	156551
Fluorene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 6:23	156551
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 6:23	156551
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/21/2019 6:23	156551
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 6:23	156551
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/21/2019 6:23	156551
Pyrene	NELAP	0.000200		ND	mg/L	1	08/21/2019 6:23	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		72.2	%REC	1	08/21/2019 6:23	156551
Surr: Nitrobenzene-d5	*	15-163		67.9	%REC	1	08/21/2019 6:23	156551
Surr: p-Terphenyl-d14	*	10-173		93.1	%REC	1	08/21/2019 6:23	156551
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 15:10	156466
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 15:10	156466
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 15:10	156466
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 15:10	156466
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 15:10	156466
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 15:10	156466
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 15:10	156466
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 15:10	156466
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 15:10	156466
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 15:10	156466
Surr: 1,2-Dichloroethane-d4	*	79.6-118		104.6	%REC	1	08/16/2019 15:10	156466
Surr: 4-Bromofluorobenzene	*	83.9-115		101.5	%REC	1	08/16/2019 15:10	156466
Surr: Dibromofluoromethane	*	84.9-113		100.1	%REC	1	08/16/2019 15:10	156466
Surr: Toluene-d8	*	86.7-112		97.6	%REC	1	08/16/2019 15:10	156466

Client: ERM | **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling | **Report Date:** 22-Aug-2019

Lab ID: 19081112-016 | **Client Sample ID:** GW-15

Matrix: GROUNDWATER | **Collection Date:** 08/14/2019 11:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/21/2019 7:01	156551
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00331	mg/L	1	08/21/2019 7:01	156551
Chrysene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/21/2019 7:01	156551
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/21/2019 7:01	156551
Fluorene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 7:01	156551
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 7:01	156551
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/21/2019 7:01	156551
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 7:01	156551
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/21/2019 7:01	156551
Pyrene	NELAP	0.000200		ND	mg/L	1	08/21/2019 7:01	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		74.9	%REC	1	08/21/2019 7:01	156551
Surr: Nitrobenzene-d5	*	15-163		72.4	%REC	1	08/21/2019 7:01	156551
Surr: p-Terphenyl-d14	*	10-173		105.0	%REC	1	08/21/2019 7:01	156551
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 14:51	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 14:51	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 14:51	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 14:51	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 14:51	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:51	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 14:51	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:51	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 14:51	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 14:51	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.0	%REC	1	08/16/2019 14:51	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		102.6	%REC	1	08/16/2019 14:51	156471
Surr: Dibromofluoromethane	*	84.9-113		101.2	%REC	1	08/16/2019 14:51	156471
Surr: Toluene-d8	*	86.7-112		98.2	%REC	1	08/16/2019 14:51	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-017
Client Sample ID: GW-4R
Matrix: GROUNDWATER
Collection Date: 08/14/2019 11:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.0100		**0.0161**	mg/L	100	08/21/2019 18:54	156551
Acenaphthylene	NELAP	0.000100		**0.00490**	mg/L	1	08/21/2019 7:39	156551
Anthracene	NELAP	0.000100		**0.000814**	mg/L	1	08/21/2019 7:39	156551
Benzo(a)anthracene	NELAP	0.000100		**0.000185**	mg/L	1	08/21/2019 7:39	156551
Benzo(a)pyrene	NELAP	0.00010	J	**0.000085**	mg/L	1	08/21/2019 7:39	156551
Benzo(b)fluoranthene	NELAP	0.000100		**0.000191**	mg/L	1	08/21/2019 7:39	156551
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 7:39	156551
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 7:39	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/21/2019 7:39	156551
Chrysene	NELAP	0.000100		**0.000353**	mg/L	1	08/21/2019 7:39	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 7:39	156551
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 7:39	156551
Fluoranthene	NELAP	0.000200		**0.00287**	mg/L	1	08/21/2019 7:39	156551
Fluorene	NELAP	0.0100		**0.0495**	mg/L	100	08/21/2019 18:54	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**0.000178**	mg/L	1	08/21/2019 7:39	156551
m,p-Cresol	NELAP	1.00		**ND**	mg/L	100	08/21/2019 18:54	156551
Naphthalene	NELAP	0.500		**1.59**	mg/L	2500	08/21/2019 19:34	156551
o-Cresol	NELAP	1.00		**ND**	mg/L	100	08/21/2019 18:54	156551
Phenanthrene	NELAP	0.0400		**0.0406**	mg/L	100	08/21/2019 18:54	156551
Pyrene	NELAP	0.000200		**0.00140**	mg/L	1	08/21/2019 7:39	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		**60.0**	%REC	100	08/21/2019 18:54	156551
Surr: Nitrobenzene-d5	*	15-163		**70.0**	%REC	100	08/21/2019 18:54	156551
Surr: p-Terphenyl-d14	*	10-173		**92.8**	%REC	1	08/21/2019 7:39	156551
Elevated reporting limit due to high levels of target analytes.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	10.0		**590**	µg/L	20	08/16/2019 15:46	156471
Bromoform	NELAP	40.0		**ND**	µg/L	20	08/16/2019 15:46	156471
Ethylbenzene	NELAP	20.0		**187**	µg/L	20	08/16/2019 15:46	156471
m,p-Xylenes	NELAP	20.0		**149**	µg/L	20	08/16/2019 15:46	156471
Methylene chloride	NELAP	40.0		**ND**	µg/L	20	08/16/2019 15:46	156471
Naphthalene	NELAP	100		**3740**	µg/L	50	08/19/2019 15:25	156524
o-Xylene	NELAP	20.0		**121**	µg/L	20	08/16/2019 15:46	156471
Toluene	NELAP	40.0		**308**	µg/L	20	08/16/2019 15:46	156471
trans-1,2-Dichloroethene	NELAP	40.0		**ND**	µg/L	20	08/16/2019 15:46	156471
Xylenes, Total	NELAP	40.0		**270**	µg/L	20	08/16/2019 15:46	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.4**	%REC	20	08/16/2019 15:46	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		**99.2**	%REC	20	08/16/2019 15:46	156471
Surr: Dibromofluoromethane	*	84.9-113		**99.2**	%REC	20	08/16/2019 15:46	156471
Surr: Toluene-d8	*	86.7-112		**99.4**	%REC	20	08/16/2019 15:46	156471
Elevated reporting limit due to high levels of target and/or non-target analytes.								

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Lab ID: 19081112-018 **Client Sample ID:** GW-4R DUP

Matrix: GROUNDWATER **Collection Date:** 08/14/2019 11:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.0100		**0.0148**	mg/L	100	08/22/2019 11:39	156551
Acenaphthylene	NELAP	0.000100		**0.00482**	mg/L	1	08/21/2019 10:16	156551
Anthracene	NELAP	0.000100		**0.000711**	mg/L	1	08/21/2019 10:16	156551
Benzo(a)anthracene	NELAP	0.000100		**0.000131**	mg/L	1	08/21/2019 10:16	156551
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 10:16	156551
Benzo(b)fluoranthene	NELAP	0.000100		**0.000132**	mg/L	1	08/21/2019 10:16	156551
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/21/2019 10:16	156551
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 10:16	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/21/2019 10:16	156551
Chrysene	NELAP	0.000100		**0.000322**	mg/L	1	08/21/2019 10:16	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/21/2019 10:16	156551
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/21/2019 10:16	156551
Fluoranthene	NELAP	0.000200		**0.00278**	mg/L	1	08/21/2019 10:16	156551
Fluorene	NELAP	0.0100		**0.0434**	mg/L	100	08/22/2019 11:39	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**0.000102**	mg/L	1	08/21/2019 10:16	156551
m,p-Cresol	NELAP	1.00		**ND**	mg/L	100	08/22/2019 11:39	156551
Naphthalene	NELAP	0.500		**3.23**	mg/L	2500	08/22/2019 12:18	156551
o-Cresol	NELAP	1.00		**ND**	mg/L	100	08/22/2019 11:39	156551
Phenanthrene	NELAP	0.0400		**ND**	mg/L	100	08/22/2019 11:39	156551
Pyrene	NELAP	0.000200		**0.00130**	mg/L	1	08/21/2019 10:16	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		**55.0**	%REC	100	08/22/2019 11:39	156551
Surr: Nitrobenzene-d5	*	15-163		**43.0**	%REC	100	08/22/2019 11:39	156551
Surr: p-Terphenyl-d14	*	10-173		**88.1**	%REC	1	08/21/2019 10:16	156551
Elevated reporting limit due to high levels of target analytes.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	10.0		**618**	µg/L	20	08/16/2019 16:12	156471
Bromoform	NELAP	40.0		**ND**	µg/L	20	08/16/2019 16:12	156471
Ethylbenzene	NELAP	20.0		**195**	µg/L	20	08/16/2019 16:12	156471
m,p-Xylenes	NELAP	20.0		**156**	µg/L	20	08/16/2019 16:12	156471
Methylene chloride	NELAP	40.0		**ND**	µg/L	20	08/16/2019 16:12	156471
Naphthalene	NELAP	100		**4050**	µg/L	50	08/19/2019 15:52	156524
o-Xylene	NELAP	20.0		**125**	µg/L	20	08/16/2019 16:12	156471
Toluene	NELAP	40.0		**324**	µg/L	20	08/16/2019 16:12	156471
trans-1,2-Dichloroethene	NELAP	40.0		**ND**	µg/L	20	08/16/2019 16:12	156471
Xylenes, Total	NELAP	40.0		**281**	µg/L	20	08/16/2019 16:12	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.7**	%REC	20	08/16/2019 16:12	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		**98.2**	%REC	20	08/16/2019 16:12	156471
Surr: Dibromofluoromethane	*	84.9-113		**101.3**	%REC	20	08/16/2019 16:12	156471
Surr: Toluene-d8	*	86.7-112		**99.1**	%REC	20	08/16/2019 16:12	156471
Elevated reporting limit due to high levels of target and/or non-target analytes.								

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-019
Client Sample ID: GW-1
Matrix: GROUNDWATER
Collection Date: 08/14/2019 12:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Anthracene	NELAP	0.00010	J	0.000088	mg/L	1	08/21/2019 10:55	156551
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/21/2019 10:55	156551
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	08/21/2019 10:55	156551
Chrysene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/21/2019 10:55	156551
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/21/2019 10:55	156551
Fluorene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 10:55	156551
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 10:55	156551
Naphthalene	NELAP	0.000200		0.000891	mg/L	1	08/21/2019 10:55	156551
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 10:55	156551
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/21/2019 10:55	156551
Pyrene	NELAP	0.000200		ND	mg/L	1	08/21/2019 10:55	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		69.6	%REC	1	08/21/2019 10:55	156551
Surr: Nitrobenzene-d5	*	15-163		64.0	%REC	1	08/21/2019 10:55	156551
Surr: p-Terphenyl-d14	*	10-173		97.0	%REC	1	08/21/2019 10:55	156551
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 16:40	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 16:40	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 16:40	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 16:40	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 16:40	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/19/2019 14:59	156524
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 16:40	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 16:40	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 16:40	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 16:40	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		105.6	%REC	1	08/16/2019 16:40	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		100.5	%REC	1	08/16/2019 16:40	156471
Surr: Dibromofluoromethane	*	84.9-113		106.6	%REC	1	08/16/2019 16:40	156471
Surr: Toluene-d8	*	86.7-112		98.4	%REC	1	08/16/2019 16:40	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-020
Client Sample ID: GW-5
Matrix: GROUNDWATER
Collection Date: 08/14/2019 14:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/21/2019 11:35	156551
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00671**	mg/L	2	08/22/2019 11:01	156551
Chrysene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/21/2019 11:35	156551
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/21/2019 11:35	156551
Fluorene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 11:35	156551
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 11:35	156551
Naphthalene	NELAP	0.000200		**0.000214**	mg/L	1	08/21/2019 11:35	156551
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 11:35	156551
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/21/2019 11:35	156551
Pyrene	NELAP	0.000200		ND	mg/L	1	08/21/2019 11:35	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.0**	%REC	1	08/21/2019 11:35	156551
Surr: Nitrobenzene-d5	*	15-163		**61.6**	%REC	1	08/21/2019 11:35	156551
Surr: p-Terphenyl-d14	*	10-173		**94.8**	%REC	1	08/21/2019 11:35	156551
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 17:07	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 17:07	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 17:07	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 17:07	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 17:07	156471
Naphthalene	NELAP	2.0	J	**0.49**	µg/L	1	08/16/2019 17:07	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 17:07	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 17:07	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 17:07	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 17:07	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.2**	%REC	1	08/16/2019 17:07	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		**100.5**	%REC	1	08/16/2019 17:07	156471
Surr: Dibromofluoromethane	*	84.9-113		**100.2**	%REC	1	08/16/2019 17:07	156471
Surr: Toluene-d8	*	86.7-112		**100.4**	%REC	1	08/16/2019 17:07	156471

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Lab ID: 19081112-021 **Client Sample ID:** GW-21

Matrix: GROUNDWATER **Collection Date:** 08/14/2019 15:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	08/21/2019 12:14	156551
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	08/21/2019 12:14	156551
Chrysene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Di-n-butyl phthalate	NELAP	0.0100		ND	mg/L	1	08/21/2019 12:14	156551
Fluoranthene	NELAP	0.000200		ND	mg/L	1	08/21/2019 12:14	156551
Fluorene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	08/21/2019 12:14	156551
m,p-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 12:14	156551
Naphthalene	NELAP	0.000200		ND	mg/L	1	08/21/2019 12:14	156551
o-Cresol	NELAP	0.0100		ND	mg/L	1	08/21/2019 12:14	156551
Phenanthrene	NELAP	0.000400		ND	mg/L	1	08/21/2019 12:14	156551
Pyrene	NELAP	0.000200		ND	mg/L	1	08/21/2019 12:14	156551
Surr: 2-Fluorobiphenyl	*	21.4-142		70.4	%REC	1	08/21/2019 12:14	156551
Surr: Nitrobenzene-d5	*	15-163		62.3	%REC	1	08/21/2019 12:14	156551
Surr: p-Terphenyl-d14	*	10-173		70.7	%REC	1	08/21/2019 12:14	156551
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	08/16/2019 17:34	156471
Bromoform	NELAP	2.00		ND	µg/L	1	08/16/2019 17:34	156471
Ethylbenzene	NELAP	1.00		ND	µg/L	1	08/16/2019 17:34	156471
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	08/16/2019 17:34	156471
Methylene chloride	NELAP	2.00		ND	µg/L	1	08/16/2019 17:34	156471
Naphthalene	NELAP	2.00		ND	µg/L	1	08/16/2019 17:34	156471
o-Xylene	NELAP	1.00		ND	µg/L	1	08/16/2019 17:34	156471
Toluene	NELAP	2.00		ND	µg/L	1	08/16/2019 17:34	156471
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	08/16/2019 17:34	156471
Xylenes, Total	NELAP	2.00		ND	µg/L	1	08/16/2019 17:34	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		102.7	%REC	1	08/16/2019 17:34	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		103.7	%REC	1	08/16/2019 17:34	156471
Surr: Dibromofluoromethane	*	84.9-113		101.1	%REC	1	08/16/2019 17:34	156471
Surr: Toluene-d8	*	86.7-112		95.4	%REC	1	08/16/2019 17:34	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-022
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 08/15/2019 16:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2019 10:55	156471
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 10:55	156471
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 10:55	156471
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 10:55	156471
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 10:55	156471
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 10:55	156471
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 10:55	156471
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 10:55	156471
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 10:55	156471
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 10:55	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**99.6**	%REC	1	08/16/2019 10:55	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		**98.6**	%REC	1	08/16/2019 10:55	156471
Surr: Dibromofluoromethane	*	84.9-113		**100.1**	%REC	1	08/16/2019 10:55	156471
Surr: Toluene-d8	*	86.7-112		**97.7**	%REC	1	08/16/2019 10:55	156471

Client: ERM
Work Order: 19081112
Client Project: Ameren Taylorville Quarterly GW Sampling
Report Date: 22-Aug-2019
Lab ID: 19081112-023
Client Sample ID: Trip Blank 4
Matrix: TRIP BLANK
Collection Date: 08/15/2019 16:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2019 11:22	156471
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:22	156471
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 11:22	156471
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2019 11:22	156471
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:22	156471
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:22	156471
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2019 11:22	156471
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:22	156471
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:22	156471
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2019 11:22	156471
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.5**	%REC	1	08/16/2019 11:22	156471
Surr: 4-Bromofluorobenzene	*	83.9-115		**101.8**	%REC	1	08/16/2019 11:22	156471
Surr: Dibromofluoromethane	*	84.9-113		**100.9**	%REC	1	08/16/2019 11:22	156471
Surr: Toluene-d8	*	86.7-112		**97.3**	%REC	1	08/16/2019 11:22	156471

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
19081112-001	GW-16D	Groundwater	2	08/12/2019 16:00
19081112-002	GW-16S	Groundwater	2	08/12/2019 16:30
19081112-003	GW-17	Groundwater	2	08/12/2019 17:00
19081112-004	GW-14	Groundwater	2	08/13/2019 9:30
19081112-005	GW-18D	Groundwater	2	08/13/2019 11:00
19081112-006	GW-18S	Groundwater	2	08/13/2019 11:20
19081112-007	GW-19S	Groundwater	2	08/13/2019 14:00
19081112-008	GW-19D	Groundwater	2	08/13/2019 14:40
19081112-009	GW-20	Groundwater	2	08/13/2019 15:00
19081112-010	GW-7	Groundwater	2	08/13/2019 16:35
19081112-011	GW-7 DUP	Groundwater	2	08/13/2019 16:35
19081112-012	GW-3	Groundwater	2	08/13/2019 17:25
19081112-013	GW-2	Groundwater	2	08/13/2019 17:50
19081112-014	GW-22D	Groundwater	2	08/14/2019 9:20
19081112-015	GW-22S	Groundwater	2	08/14/2019 9:55
19081112-016	GW-15	Groundwater	2	08/14/2019 11:25
19081112-017	GW-4R	Groundwater	2	08/14/2019 11:50
19081112-018	GW-4R DUP	Groundwater	2	08/14/2019 11:50
19081112-019	GW-1	Groundwater	2	08/14/2019 12:15
19081112-020	GW-5	Groundwater	2	08/14/2019 14:20
19081112-021	GW-21	Groundwater	2	08/14/2019 15:35
19081112-022	Trip Blank 2	Trip Blank	1	08/15/2019 16:05
19081112-023	Trip Blank 4	Trip Blank	1	08/15/2019 16:05

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
19081112-001A	GW-16D	08/12/2019 16:00	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 14:20	08/20/2019 15:53
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 14:20	08/21/2019 12:54
19081112-001B	GW-16D	08/12/2019 16:00	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 11:48
19081112-002A	GW-16S	08/12/2019 16:30	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 14:20	08/20/2019 16:31
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 14:20	08/21/2019 13:33
19081112-002B	GW-16S	08/12/2019 16:30	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 12:14
19081112-003A	GW-17	08/12/2019 17:00	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 14:20	08/20/2019 17:09
19081112-003B	GW-17	08/12/2019 17:00	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 12:41
19081112-004A	GW-14	08/13/2019 9:30	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/20/2019 17:47
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 14:13
19081112-004B	GW-14	08/13/2019 9:30	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 13:08
19081112-005A	GW-18D	08/13/2019 11:00	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/20/2019 18:25
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 14:53
19081112-005B	GW-18D	08/13/2019 11:00	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 15:18
19081112-006A	GW-18S	08/13/2019 11:20	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/20/2019 19:03
19081112-006B	GW-18S	08/13/2019 11:20	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 13:59
19081112-007A	GW-19S	08/13/2019 14:00	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/20/2019 19:41
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 15:33
19081112-007B	GW-19S	08/13/2019 14:00	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 14:24
19081112-008A	GW-19D	08/13/2019 14:40	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 0:43

Client: ERM **Work Order:** 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling **Report Date:** 22-Aug-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 16:14
19081112-008B	GW-19D	08/13/2019 14:40	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 12:02
19081112-009A	GW-20	08/13/2019 15:00	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 1:21
19081112-009B	GW-20	08/13/2019 15:00	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 12:29
19081112-010A	GW-7	08/13/2019 16:35	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 1:59
19081112-010B	GW-7	08/13/2019 16:35	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 12:56
19081112-011A	GW-7 DUP	08/13/2019 16:35	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 3:52
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 16:54
19081112-011B	GW-7 DUP	08/13/2019 16:35	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 13:22
19081112-012A	GW-3	08/13/2019 17:25	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 4:30
19081112-012B	GW-3	08/13/2019 17:25	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 13:49
19081112-013A	GW-2	08/13/2019 17:50	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 5:08
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/19/2019 17:00	08/21/2019 17:34
19081112-013B	GW-2	08/13/2019 17:50	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 14:16
19081112-014A	GW-22D	08/14/2019 9:20	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 5:45
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 18:14
19081112-014B	GW-22D	08/14/2019 9:20	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 14:43
19081112-015A	GW-22S	08/14/2019 9:55	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 6:23
19081112-015B	GW-22S	08/14/2019 9:55	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 15:10
19081112-016A	GW-15	08/14/2019 11:25	08/15/2019 16:05		

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 7:01
19081112-016B	GW-15	08/14/2019 11:25	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 14:51
19081112-017A	GW-4R	08/14/2019 11:50	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 7:39
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 18:54
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 19:34
19081112-017B	GW-4R	08/14/2019 11:50	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 15:46
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/19/2019 15:25
19081112-018A	GW-4R DUP	08/14/2019 11:50	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 10:16
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/22/2019 11:39
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/22/2019 12:18
19081112-018B	GW-4R DUP	08/14/2019 11:50	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 16:12
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/19/2019 15:52
19081112-019A	GW-1	08/14/2019 12:15	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 10:55
19081112-019B	GW-1	08/14/2019 12:15	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 16:40
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/19/2019 14:59
19081112-020A	GW-5	08/14/2019 14:20	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 11:35
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/22/2019 11:01
19081112-020B	GW-5	08/14/2019 14:20	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 17:07
19081112-021A	GW-21	08/14/2019 15:35	08/15/2019 16:05		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/20/2019 11:58	08/21/2019 12:14
19081112-021B	GW-21	08/14/2019 15:35	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 17:34
19081112-022A	Trip Blank 2	08/15/2019 16:05	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 10:55
19081112-023A	Trip Blank 4	08/15/2019 16:05	08/15/2019 16:05		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2019 11:22

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156519 **SampType:** MBLK Units mg/L

SampID: MBLK-156519-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		ND						08/20/2019
Acenaphthylene	0.000100		ND						08/20/2019
Anthracene	0.000100		ND						08/20/2019
Benzo(a)anthracene	0.000100		ND						08/20/2019
Benzo(a)pyrene	0.000100		ND						08/20/2019
Benzo(b)fluoranthene	0.000100		ND						08/20/2019
Benzo(g,h,i)perylene	0.000200		ND						08/20/2019
Benzo(k)fluoranthene	0.000100		ND						08/20/2019
Bis(2-ethylhexyl)phthalate	0.00200		ND						08/20/2019
Chrysene	0.000100		ND						08/20/2019
Dibenzo(a,h)anthracene	0.000100		ND						08/20/2019
Di-n-butyl phthalate	0.0100		ND						08/20/2019
Fluoranthene	0.000200		ND						08/20/2019
Fluorene	0.000100		ND						08/20/2019
Indeno(1,2,3-cd)pyrene	0.000100		ND						08/20/2019
m,p-Cresol	0.0100		ND						08/20/2019
Naphthalene	0.000200		ND						08/20/2019
o-Cresol	0.0100		ND						08/20/2019
Phenanthrene	0.000400		ND						08/20/2019
Pyrene	0.000200		ND						08/20/2019
Surr: 2-Fluorobiphenyl			**0.000707**	0.00100(		70.7	30	133	08/20/2019
Surr: Nitrobenzene-d5			**0.000651**	0.00100(		65.1	39.8	123	08/20/2019
Surr: p-Terphenyl-d14			**0.000926**	0.00100(		92.6	48.1	144	08/20/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156519 **SampType:** LCS Units mg/L

SampID: LCS-156519

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00144**	0.00200	0	72.2	46.9	113	08/20/2019
Acenaphthylene	0.000100		**0.00154**	0.00200	0	76.8	45.9	129	08/20/2019
Anthracene	0.000100		**0.00155**	0.00200	0	77.4	48.5	117	08/20/2019
Benzo(a)anthracene	0.000100		**0.00150**	0.00200	0	75.0	51.2	117	08/20/2019
Benzo(a)pyrene	0.000100		**0.00170**	0.00200	0	85.2	48.1	127	08/20/2019
Benzo(b)fluoranthene	0.000100		**0.00169**	0.00200	0	84.5	38.1	135	08/20/2019
Benzo(g,h,i)perylene	0.000200		**0.00152**	0.00200	0	75.8	46.5	132	08/20/2019
Benzo(k)fluoranthene	0.000100		**0.00151**	0.00200	0	75.5	47.5	126	08/20/2019
Bis(2-ethylhexyl)phthalate	0.00200		**0.00203**	0.00200	0	101.6	30	220	08/20/2019
Chrysene	0.000100		**0.00150**	0.00200	0	74.9	50.6	121	08/20/2019
Dibenzo(a,h)anthracene	0.000100		**0.00175**	0.00200	0	87.4	49.2	137	08/20/2019
Di-n-butyl phthalate	0.0100	J	**0.0016**	0.00200	0	79.9	53.6	154	08/20/2019
Fluoranthene	0.000200		**0.00170**	0.00200	0	84.9	48.8	124	08/20/2019
Fluorene	0.000100		**0.00167**	0.00200	0	83.6	45.5	123	08/20/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.00205**	0.00200	0	102.5	37.1	143	08/20/2019
m,p-Cresol	0.0100		**0.0140**	0.02000	0	69.8	39.1	120	08/20/2019
Naphthalene	0.000200		**0.00139**	0.00200	0	69.5	18.5	145	08/20/2019
o-Cresol	0.0100		**0.0146**	0.02000	0	72.8	39.4	122	08/20/2019
Phenanthrene	0.000400	S	**0.00278**	0.00200	0	138.8	44.7	131	08/20/2019
Pyrene	0.000200		**0.00159**	0.00200	0	79.7	47.5	123	08/20/2019
Surr: 2-Fluorobiphenyl			**0.000760**	0.00100		76.0	30	133	08/20/2019
Surr: Nitrobenzene-d5			**0.000718**	0.00100		71.8	39.8	123	08/20/2019
Surr: p-Terphenyl-d14			**0.000959**	0.00100		95.9	48.1	144	08/20/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156519 **SampType:** LCSD Units mg/L RPD Limit 40

SampID: LCSD-156519

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00129**	).00200(	0	64.7	0.001444	10.91	08/20/2019
Acenaphthylene	0.000100		**0.00150**	).00200(	0	75.1	0.001536	2.21	08/20/2019
Anthracene	0.000100		**0.00131**	).00200(	0	65.4	0.001548	16.89	08/20/2019
Benzo(a)anthracene	0.000100		**0.00142**	).00200(	0	71.1	0.001500	5.38	08/20/2019
Benzo(a)pyrene	0.000100		**0.00166**	).00200(	0	83.2	0.001705	2.36	08/20/2019
Benzo(b)fluoranthene	0.000100		**0.00164**	).00200(	0	82.2	0.001689	2.69	08/20/2019
Benzo(g,h,i)perylene	0.000200		**0.00148**	).00200(	0	73.8	0.001516	2.69	08/20/2019
Benzo(k)fluoranthene	0.000100		**0.00151**	).00200(	0	75.7	0.001511	0.28	08/20/2019
Bis(2-ethylhexyl)phthalate	0.00200		**0.00202**	).00200(	0	101.2	0.002032	0.39	08/20/2019
Chrysene	0.000100		**0.00145**	).00200(	0	72.7	0.001498	2.93	08/20/2019
Dibenzo(a,h)anthracene	0.000100		**0.00168**	).00200(	0	84.0	0.001749	4.02	08/20/2019
Di-n-butyl phthalate	0.0100	J	**0.0015**	).00200(	0	76.4	0.001598	0.00	08/20/2019
Fluoranthene	0.000200		**0.00154**	).00200(	0	77.2	0.001698	9.58	08/20/2019
Fluorene	0.000100		**0.00139**	).00200(	0	69.7	0.001672	18.17	08/20/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.00198**	).00200(	0	99.2	0.002049	3.28	08/20/2019
m,p-Cresol	0.0100		**0.0132**	0.02000	0	66.2	0.01397	5.27	08/20/2019
Naphthalene	0.000200		**0.00125**	).00200(	0	62.4	0.001390	10.77	08/20/2019
o-Cresol	0.0100		**0.0135**	0.02000	0	67.5	0.01455	7.54	08/20/2019
Phenanthrene	0.000400	R	**0.00148**	).00200(	0	74.2	0.002775	60.62	08/20/2019
Pyrene	0.000200		**0.00146**	).00200(	0	72.9	0.001594	9.01	08/20/2019
Surr: 2-Fluorobiphenyl			**0.000700**	).00100(		70.0			08/20/2019
Surr: Nitrobenzene-d5			**0.000651**	).00100(		65.1			08/20/2019
Surr: p-Terphenyl-d14			**0.000913**	).00100(		91.3			08/20/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156519 **SampType:** MS Units mg/L

SampID: 19081112-010AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00163**	).00200(	0.00007780	77.7	28.3	133	08/21/2019
Acenaphthylene	0.000100		**0.00156**	).00200(	0.0001423	70.9	5	176	08/21/2019
Anthracene	0.000100		**0.00243**	).00200(	0.001063	68.4	34.6	131	08/21/2019
Benzo(a)anthracene	0.000100		**0.00171**	).00200(	0.0002134	74.9	40.3	132	08/21/2019
Benzo(a)pyrene	0.000100		**0.00168**	).00200(	0	83.8	40.8	132	08/21/2019
Benzo(b)fluoranthene	0.000100		**0.00167**	).00200(	0	83.5	41.9	132	08/21/2019
Benzo(g,h,i)perylene	0.000200		**0.00159**	).00200(	0	79.5	46	132	08/21/2019
Benzo(k)fluoranthene	0.000100		**0.00154**	).00200(	0	77.1	49.4	126	08/21/2019
Bis(2-ethylhexyl)phthalate	0.00200		**0.00402**	).00200(	0.003636	19.1	18.4	222	08/21/2019
Chrysene	0.000100		**0.00168**	).00200(	0.0001212	77.8	46.1	129	08/21/2019
Dibenzo(a,h)anthracene	0.000100		**0.00171**	).00200(	0	85.6	42.1	146	08/21/2019
Di-n-butyl phthalate	0.0100	J	**0.0016**	).00200(	0	79.6	59.6	146	08/21/2019
Fluoranthene	0.000200		**0.00292**	).00200(	0.001421	75.1	23.9	164	08/21/2019
Fluorene	0.000100		**0.00175**	).00200(	0.0002493	75.2	24.3	148	08/21/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.00205**	).00200(	0	102.4	26.6	157	08/21/2019
m,p-Cresol	0.0100		**0.0139**	0.02000	0	69.7	5	156	08/21/2019
Naphthalene	0.000200		**0.00144**	).00200(	0	72.0	24.2	132	08/21/2019
o-Cresol	0.0100		**0.0142**	0.02000	0	71.2	38	113	08/21/2019
Phenanthrene	0.000400		**0.00163**	).00200(	0	81.3	36.6	139	08/21/2019
Pyrene	0.000200		**0.00331**	).00200(	0.001995	65.8	14.6	169	08/21/2019
Surr: 2-Fluorobiphenyl			**0.000861**	).00100(		86.1	21.4	142	08/21/2019
Surr: Nitrobenzene-d5			**0.000839**	).00100(		83.9	15	163	08/21/2019
Surr: p-Terphenyl-d14			**0.000988**	).00100(		98.8	10	173	08/21/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156519 **SampType:** MSD Units mg/L RPD Limit 40

SampID: 19081112-010AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00156**	).00200(	0.00007780	74.0	0.001632	4.67	08/21/2019
Acenaphthylene	0.000100		**0.00151**	).00200(	0.0001423	68.6	0.001561	3.00	08/21/2019
Anthracene	0.000100		**0.00257**	).00200(	0.001063	75.3	0.002432	5.51	08/21/2019
Benzo(a)anthracene	0.000100		**0.00168**	).00200(	0.0002134	73.2	0.001712	2.02	08/21/2019
Benzo(a)pyrene	0.000100		**0.00182**	).00200(	0	90.8	0.001677	7.92	08/21/2019
Benzo(b)fluoranthene	0.000100		**0.00174**	).00200(	0	87.0	0.001670	4.15	08/21/2019
Benzo(g,h,i)perylene	0.000200		**0.00158**	).00200(	0	78.8	0.001591	0.95	08/21/2019
Benzo(k)fluoranthene	0.000100		**0.00158**	).00200(	0	79.0	0.001542	2.48	08/21/2019
Bis(2-ethylhexyl)phthalate	0.00200	S	**0.00396**	).00200(	0.003636	16.1	0.004017	1.49	08/21/2019
Chrysene	0.000100		**0.00163**	).00200(	0.0001212	75.4	0.001676	2.86	08/21/2019
Dibenzo(a,h)anthracene	0.000100		**0.00183**	).00200(	0	91.6	0.001711	6.81	08/21/2019
Di-n-butyl phthalate	0.0100	J	**0.0017**	).00200(	0	85.6	0.001592	0.00	08/21/2019
Fluoranthene	0.000200		**0.00282**	).00200(	0.001421	69.8	0.002922	3.70	08/21/2019
Fluorene	0.000100		**0.00187**	).00200(	0.0002493	80.8	0.001753	6.20	08/21/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.00202**	).00200(	0	101.0	0.002047	1.30	08/21/2019
m,p-Cresol	0.0100		**0.0145**	0.02000	0	72.7	0.01393	4.29	08/21/2019
Naphthalene	0.000200		**0.00150**	).00200(	0	74.8	0.001440	3.82	08/21/2019
o-Cresol	0.0100		**0.0150**	0.02000	0	75.0	0.01424	5.27	08/21/2019
Phenanthrene	0.000400		**0.00163**	).00200(	0	81.5	0.001626	0.18	08/21/2019
Pyrene	0.000200		**0.00328**	).00200(	0.001995	64.3	0.003311	0.89	08/21/2019
Surr: 2-Fluorobiphenyl			**0.000820**	).00100(		82.0			08/21/2019
Surr: Nitrobenzene-d5			**0.000796**	).00100(		79.6			08/21/2019
Surr: p-Terphenyl-d14			**0.000925**	).00100(		92.5			08/21/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156551 **SampType:** MBLK Units **mg/L**

SampID: MBLK-156551

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**ND**						08/20/2019
Acenaphthylene	0.000100		**ND**						08/20/2019
Anthracene	0.000100		**ND**						08/20/2019
Benzo(a)anthracene	0.000100		**ND**						08/20/2019
Benzo(a)pyrene	0.000100		**ND**						08/20/2019
Benzo(b)fluoranthene	0.000100		**ND**						08/20/2019
Benzo(g,h,i)perylene	0.000200		**ND**						08/20/2019
Benzo(k)fluoranthene	0.000100		**ND**						08/20/2019
Bis(2-ethylhexyl)phthalate	0.00200		**ND**						08/20/2019
Chrysene	0.000100		**ND**						08/20/2019
Dibenzo(a,h)anthracene	0.000100		**ND**						08/20/2019
Di-n-butyl phthalate	0.0100		**ND**						08/20/2019
Fluoranthene	0.000200		**ND**						08/20/2019
Fluorene	0.000100		**ND**						08/20/2019
Indeno(1,2,3-cd)pyrene	0.000100		**ND**						08/20/2019
m,p-Cresol	0.0100		**ND**						08/20/2019
Naphthalene	0.000200		**ND**						08/20/2019
o-Cresol	0.0100		**ND**						08/20/2019
Phenanthrene	0.000400		**ND**						08/20/2019
Pyrene	0.000200		**ND**						08/20/2019
Surr: 2-Fluorobiphenyl			**0.000754**	0.00100		75.4	30	133	08/20/2019
Surr: Nitrobenzene-d5			**0.000700**	0.00100		70.0	39.8	123	08/20/2019
Surr: p-Terphenyl-d14			**0.00102**	0.00100		101.8	48.1	144	08/20/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156551 **SampType:** LCS Units mg/L

SampID: LCS-156551

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00142**	).00200(	0	70.9	46.9	113	08/20/2019
Acenaphthylene	0.000100		**0.00152**	).00200(	0	76.1	45.9	129	08/20/2019
Anthracene	0.000100		**0.00140**	).00200(	0	70.2	48.5	117	08/20/2019
Benzo(a)anthracene	0.000100		**0.00148**	).00200(	0	74.2	51.2	117	08/20/2019
Benzo(a)pyrene	0.000100		**0.00174**	).00200(	0	87.0	48.1	127	08/20/2019
Benzo(b)fluoranthene	0.000100		**0.00161**	).00200(	0	80.5	38.1	135	08/20/2019
Benzo(g,h,i)perylene	0.000200		**0.00148**	).00200(	0	74.0	46.5	132	08/20/2019
Benzo(k)fluoranthene	0.000100		**0.00152**	).00200(	0	75.8	47.5	126	08/20/2019
Bis(2-ethylhexyl)phthalate	0.00200		**0.00226**	).00200(	0	113.1	30	220	08/20/2019
Chrysene	0.000100		**0.00146**	).00200(	0	73.1	50.6	121	08/20/2019
Dibenzo(a,h)anthracene	0.000100		**0.00185**	).00200(	0	92.6	49.2	137	08/20/2019
Di-n-butyl phthalate	0.0100	J	**0.0016**	).00200(	0	82.2	53.6	154	08/20/2019
Fluoranthene	0.000200		**0.00157**	).00200(	0	78.7	48.8	124	08/20/2019
Fluorene	0.000100		**0.00152**	).00200(	0	75.8	45.5	123	08/20/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.00208**	).00200(	0	104.1	37.1	143	08/20/2019
m,p-Cresol	0.0100		**0.0139**	0.02000	0	69.7	39.1	120	08/20/2019
Naphthalene	0.000200		**0.00132**	).00200(	0	65.8	18.5	145	08/20/2019
o-Cresol	0.0100		**0.0140**	0.02000	0	70.2	39.4	122	08/20/2019
Phenanthrene	0.000400		**0.00153**	).00200(	0	76.4	44.7	131	08/20/2019
Pyrene	0.000200		**0.00144**	).00200(	0	72.0	47.5	123	08/20/2019
Surr: 2-Fluorobiphenyl			**0.000756**	).00100(		75.6	30	133	08/20/2019
Surr: Nitrobenzene-d5			**0.000758**	).00100(		75.8	39.8	123	08/20/2019
Surr: p-Terphenyl-d14			**0.000918**	).00100(		91.8	48.1	144	08/20/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 156551 **SampType:** LCSD Units mg/L RPD Limit 40

SampID: LCSD-156551

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00138**	0.00200	0	69.1	0.001417	2.55	08/20/2019
Acenaphthylene	0.000100		**0.00154**	0.00200	0	76.8	0.001523	0.90	08/20/2019
Anthracene	0.000100		**0.00154**	0.00200	0	76.9	0.001403	9.14	08/20/2019
Benzo(a)anthracene	0.000100		**0.00149**	0.00200	0	74.6	0.001484	0.45	08/20/2019
Benzo(a)pyrene	0.000100		**0.00165**	0.00200	0	82.6	0.001740	5.22	08/20/2019
Benzo(b)fluoranthene	0.000100		**0.00162**	0.00200	0	80.8	0.001611	0.35	08/20/2019
Benzo(g,h,i)perylene	0.000200		**0.00143**	0.00200	0	71.6	0.001480	3.35	08/20/2019
Benzo(k)fluoranthene	0.000100		**0.00154**	0.00200	0	77.0	0.001517	1.56	08/20/2019
Bis(2-ethylhexyl)phthalate	0.00200	J	**0.0018**	0.00200	0	90.8	0.002261	0.00	08/20/2019
Chrysene	0.000100		**0.00150**	0.00200	0	74.8	0.001463	2.28	08/20/2019
Dibenzo(a,h)anthracene	0.000100		**0.00169**	0.00200	0	84.5	0.001851	9.12	08/20/2019
Di-n-butyl phthalate	0.0100	J	**0.0016**	0.00200	0	82.5	0.001643	0.00	08/20/2019
Fluoranthene	0.000200		**0.00177**	0.00200	0	88.5	0.001574	11.75	08/20/2019
Fluorene	0.000100		**0.00148**	0.00200	0	73.8	0.001515	2.61	08/20/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.00200**	0.00200	0	100.0	0.002081	3.98	08/20/2019
m,p-Cresol	0.0100		**0.0135**	0.02000	0	67.6	0.01394	3.05	08/20/2019
Naphthalene	0.000200		**0.00128**	0.00200	0	64.0	0.001315	2.67	08/20/2019
o-Cresol	0.0100		**0.0141**	0.02000	0	70.3	0.01404	0.10	08/20/2019
Phenanthrene	0.000400		**0.00195**	0.00200	0	97.5	0.001528	24.25	08/20/2019
Pyrene	0.000200		**0.00180**	0.00200	0	90.1	0.001440	22.28	08/20/2019
Surr: 2-Fluorobiphenyl			**0.000753**	0.00100		75.3			08/20/2019
Surr: Nitrobenzene-d5			**0.000720**	0.00100		72.0			08/20/2019
Surr: p-Terphenyl-d14			**0.000927**	0.00100		92.7			08/20/2019

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 156466 **SampType:** MBLK Units µg/L

SampID: MBLK-AE190816A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**ND**						08/16/2019
Bromoform	2.0		**ND**						08/16/2019
Ethylbenzene	2.0		**ND**						08/16/2019
m,p-Xylenes	2.0		**ND**						08/16/2019
Methylene chloride	10.0		**ND**						08/16/2019
Naphthalene	5.0		**ND**						08/16/2019
o-Xylene	2.0		**ND**						08/16/2019
Toluene	2.0		**ND**						08/16/2019
trans-1,2-Dichloroethene	2.0		**ND**						08/16/2019
Xylenes, Total	4.0		**ND**						08/16/2019
Surr: 1,2-Dichloroethane-d4			**50.9**	50.00		101.8	79.6	118	08/16/2019
Surr: 4-Bromofluorobenzene			**49.8**	50.00		99.6	83.9	115	08/16/2019
Surr: Dibromofluoromethane			**49.8**	50.00		99.7	84.9	113	08/16/2019
Surr: Toluene-d8			**49.4**	50.00		98.7	86.7	112	08/16/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 156466 **SampType:** LCS Units µg/L

SampID: LCS-AE190816A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**52.5**	50.00	0	104.9	75.8	121	08/16/2019
Bromoform	2.0		**52.2**	50.00	0	104.4	85.5	128	08/16/2019
Ethylbenzene	2.0		**50.4**	50.00	0	100.8	80.7	114	08/16/2019
m,p-Xylenes	2.0		**102**	100.0	0	101.6	80.5	113	08/16/2019
Methylene chloride	10.0		**51.4**	50.00	0	102.9	76.2	119	08/16/2019
Naphthalene	5.0		**48.9**	50.00	0	97.9	76.1	129	08/16/2019
o-Xylene	2.0		**49.5**	50.00	0	99.0	79.7	112	08/16/2019
Toluene	2.0		**50.2**	50.00	0	100.5	78.3	112	08/16/2019
trans-1,2-Dichloroethene	2.0		**57.3**	50.00	0	114.5	73.5	124	08/16/2019
Xylenes, Total	4.0		**151**	150.0	0	100.7	80.2	113	08/16/2019
Surr: 1,2-Dichloroethane-d4			**50.0**	50.00		100.0	79.6	118	08/16/2019
Surr: 4-Bromofluorobenzene			**50.4**	50.00		100.8	83.9	115	08/16/2019
Surr: Dibromofluoromethane			**50.3**	50.00		100.5	84.9	113	08/16/2019
Surr: Toluene-d8			**49.1**	50.00		98.2	86.7	112	08/16/2019

Batch 156466 **SampType:** LCSD Units µg/L RPD Limit **40**

SampID: LCSD-AE190816A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**51.6**	50.00	0	103.1	52.47	1.77	08/16/2019
Bromoform	2.0		**52.0**	50.00	0	104.1	52.18	0.25	08/16/2019
Ethylbenzene	2.0		**49.4**	50.00	0	98.8	50.39	1.96	08/16/2019
m,p-Xylenes	2.0		**99.3**	100.0	0	99.3	101.6	2.30	08/16/2019
Methylene chloride	10.0		**50.6**	50.00	0	101.2	51.44	1.65	08/16/2019
Naphthalene	5.0		**48.5**	50.00	0	97.0	48.94	0.94	08/16/2019
o-Xylene	2.0		**48.9**	50.00	0	97.9	49.52	1.20	08/16/2019
Toluene	2.0		**49.2**	50.00	0	98.4	50.23	2.07	08/16/2019
trans-1,2-Dichloroethene	2.0		**56.0**	50.00	0	112.0	57.27	2.24	08/16/2019
Xylenes, Total	4.0		**148**	150.0	0	98.8	151.1	1.94	08/16/2019
Surr: 1,2-Dichloroethane-d4			**50.0**	50.00		100.1			08/16/2019
Surr: 4-Bromofluorobenzene			**49.5**	50.00		99.0			08/16/2019
Surr: Dibromofluoromethane			**50.0**	50.00		100.0			08/16/2019
Surr: Toluene-d8			**49.0**	50.00		98.0			08/16/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 156466 **SampType:** MS Units µg/L

SampID: 19081112-010BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.50		**52.2**	50.00	0	104.5	62.5	121	08/16/2019
Ethylbenzene	1.00		**50.6**	50.00	0	101.2	74.4	130	08/16/2019
m,p-Xylenes	1.00		**49.2**	50.00	0	98.5	70.5	126	08/16/2019
o-Xylene	1.00		**48.7**	50.00	0	97.3	71.2	124	08/16/2019
Toluene	2.00		**48.5**	50.00	0	97.1	69.5	118	08/16/2019
Xylenes, Total	2.00		**97.9**	100.0	0	97.9	71.1	125	08/16/2019
Surr: 1,2-Dichloroethane-d4			**51.7**	50.00		103.4	79.6	118	08/16/2019
Surr: 4-Bromofluorobenzene			**50.5**	50.00		101.0	83.9	115	08/16/2019
Surr: Dibromofluoromethane			**49.6**	50.00		99.2	84.9	113	08/16/2019
Surr: Toluene-d8			**48.9**	50.00		97.9	86.7	112	08/16/2019

Batch 156466 **SampType:** MSD Units µg/L RPD Limit **20**

SampID: 19081112-010BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.50		**50.3**	50.00	0	100.5	52.23	3.84	08/16/2019
Ethylbenzene	1.00		**48.7**	50.00	0	97.4	50.58	3.81	08/16/2019
m,p-Xylenes	1.00		**47.6**	50.00	0	95.1	49.25	3.51	08/16/2019
o-Xylene	1.00		**47.3**	50.00	0	94.6	48.66	2.83	08/16/2019
Toluene	2.00		**46.8**	50.00	0	93.6	48.53	3.61	08/16/2019
Xylenes, Total	2.00		**94.8**	100.0	0	94.8	97.91	3.17	08/16/2019
Surr: 1,2-Dichloroethane-d4			**51.4**	50.00		102.8			08/16/2019
Surr: 4-Bromofluorobenzene			**50.4**	50.00		100.8			08/16/2019
Surr: Dibromofluoromethane			**50.0**	50.00		100.0			08/16/2019
Surr: Toluene-d8			**48.8**	50.00		97.6			08/16/2019

Batch 156471 **SampType:** MBLK Units µg/L

SampID: MBLK-T190816A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**ND**						08/16/2019
Bromoform	2.0		**ND**						08/16/2019
Ethylbenzene	2.0		**ND**						08/16/2019
m,p-Xylenes	2.0		**ND**						08/16/2019
Methylene chloride	10.0		**ND**						08/16/2019
Naphthalene	5.0		**ND**						08/16/2019
o-Xylene	2.0		**ND**						08/16/2019
Toluene	2.0		**ND**						08/16/2019
trans-1,2-Dichloroethene	2.0		**ND**						08/16/2019
Xylenes, Total	4.0		**ND**						08/16/2019
Surr: 1,2-Dichloroethane-d4			**50.1**	50.00		100.2	79.6	118	08/16/2019
Surr: 4-Bromofluorobenzene			**49.2**	50.00		98.4	83.9	115	08/16/2019
Surr: Dibromofluoromethane			**49.9**	50.00		99.8	84.9	113	08/16/2019
Surr: Toluene-d8			**48.4**	50.00		96.9	86.7	112	08/16/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 156471 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T190816A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**50.3**	50.00	0	100.5	48.76	3.03	08/16/2019
Bromoform	2.0		**51.0**	50.00	0	102.0	51.30	0.63	08/16/2019
Ethylbenzene	2.0		**49.3**	50.00	0	98.5	47.95	2.70	08/16/2019
m,p-Xylenes	2.0		**99.4**	100.0	0	99.4	94.34	5.18	08/16/2019
Methylene chloride	10.0		**47.7**	50.00	0	95.4	46.81	1.84	08/16/2019
Naphthalene	5.0		**50.8**	50.00	0	101.6	49.84	1.93	08/16/2019
o-Xylene	2.0		**49.0**	50.00	0	98.0	47.30	3.53	08/16/2019
Toluene	2.0		**48.6**	50.00	0	97.2	46.98	3.43	08/16/2019
trans-1,2-Dichloroethene	2.0		**53.6**	50.00	0	107.2	51.86	3.26	08/16/2019
Xylenes, Total	4.0		**148**	150.0	0	98.9	141.6	4.63	08/16/2019
Surr: 1,2-Dichloroethane-d4			**50.2**	50.00		100.5			08/16/2019
Surr: 4-Bromofluorobenzene			**49.2**	50.00		98.4			08/16/2019
Surr: Dibromofluoromethane			**50.9**	50.00		101.7			08/16/2019
Surr: Toluene-d8			**48.6**	50.00		97.3			08/16/2019

Batch 156471 **SampType:** LCS Units µg/L

SampID: LCS-T190816A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**48.8**	50.00	0	97.5	75.8	121	08/16/2019
Bromoform	2.0		**51.3**	50.00	0	102.6	85.5	128	08/16/2019
Ethylbenzene	2.0		**48.0**	50.00	0	95.9	80.7	114	08/16/2019
m,p-Xylenes	2.0		**94.3**	100.0	0	94.3	80.5	113	08/16/2019
Methylene chloride	10.0		**46.8**	50.00	0	93.6	76.2	119	08/16/2019
Naphthalene	5.0		**49.8**	50.00	0	99.7	76.1	129	08/16/2019
o-Xylene	2.0		**47.3**	50.00	0	94.6	79.7	112	08/16/2019
Toluene	2.0		**47.0**	50.00	0	94.0	78.3	112	08/16/2019
trans-1,2-Dichloroethene	2.0		**51.9**	50.00	0	103.7	73.5	124	08/16/2019
Xylenes, Total	4.0		**142**	150.0	0	94.4	80.2	113	08/16/2019
Surr: 1,2-Dichloroethane-d4			**49.5**	50.00		99.0	79.6	118	08/16/2019
Surr: 4-Bromofluorobenzene			**49.6**	50.00		99.1	83.9	115	08/16/2019
Surr: Dibromofluoromethane			**50.8**	50.00		101.5	84.9	113	08/16/2019
Surr: Toluene-d8			**48.6**	50.00		97.2	86.7	112	08/16/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 156471 **SampType:** MS Units µg/L

SampID: 19081112-018BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	10.0		**1560**	1000	618.0	94.4	62.5	121	08/16/2019
Ethylbenzene	20.0		**1160**	1000	195.4	96.5	74.4	130	08/16/2019
m,p-Xylenes	20.0		**1120**	1000	156.0	96.3	70.5	126	08/16/2019
o-Xylene	20.0		**1070**	1000	124.6	94.2	71.2	124	08/16/2019
Toluene	40.0		**1320**	1000	324.4	99.2	69.5	118	08/16/2019
Xylenes, Total	40.0		**2190**	2000	280.6	95.2	71.1	125	08/16/2019
Surr: 1,2-Dichloroethane-d4			**987**	1000		98.7	79.6	118	08/16/2019
Surr: 4-Bromofluorobenzene			**1010**	1000		101.5	83.9	115	08/16/2019
Surr: Dibromofluoromethane			**975**	1000		97.5	84.9	113	08/16/2019
Surr: Toluene-d8			**1030**	1000		103.2	86.7	112	08/16/2019

Batch 156471 **SampType:** MSD Units µg/L RPD Limit **20**

SampID: 19081112-018BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	10.0		**1570**	1000	618.0	94.8	1562	0.23	08/16/2019
Ethylbenzene	20.0		**1120**	1000	195.4	92.3	1161	3.69	08/16/2019
m,p-Xylenes	20.0		**1070**	1000	156.0	91.1	1119	4.74	08/16/2019
o-Xylene	20.0		**1060**	1000	124.6	93.8	1067	0.39	08/16/2019
Toluene	40.0		**1210**	1000	324.4	88.3	1316	8.66	08/16/2019
Xylenes, Total	40.0		**2130**	2000	280.6	92.4	2185	2.60	08/16/2019
Surr: 1,2-Dichloroethane-d4			**1020**	1000		102.0			08/16/2019
Surr: 4-Bromofluorobenzene			**1050**	1000		104.7			08/16/2019
Surr: Dibromofluoromethane			**989**	1000		98.9			08/16/2019
Surr: Toluene-d8			**970**	1000		97.0			08/16/2019

Batch 156524 **SampType:** MBLK Units µg/L

SampID: MBLK-T190819A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**ND**						08/19/2019
Bromoform	2.0		**ND**						08/19/2019
Ethylbenzene	2.0		**ND**						08/19/2019
m,p-Xylenes	2.0		**ND**						08/19/2019
Methylene chloride	10.0		**ND**						08/19/2019
Naphthalene	5.0		**ND**						08/19/2019
o-Xylene	2.0		**ND**						08/19/2019
Toluene	2.0		**ND**						08/19/2019
trans-1,2-Dichloroethene	2.0		**ND**						08/19/2019
Xylenes, Total	4.0		**ND**						08/19/2019
Surr: 1,2-Dichloroethane-d4			**50.6**	50.00		101.3	79.6	118	08/19/2019
Surr: 4-Bromofluorobenzene			**50.3**	50.00		100.5	83.9	115	08/19/2019
Surr: Dibromofluoromethane			**50.1**	50.00		100.1	84.9	113	08/19/2019
Surr: Toluene-d8			**49.3**	50.00		98.5	86.7	112	08/19/2019

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 156524 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T190819A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**47.0**	50.00	0	94.1	44.96	4.54	08/19/2019
Bromoform	2.0		**48.6**	50.00	0	97.3	48.41	0.47	08/19/2019
Ethylbenzene	2.0		**45.3**	50.00	0	90.5	43.48	4.01	08/19/2019
m,p-Xylenes	2.0		**91.6**	100.0	0	91.6	86.97	5.16	08/19/2019
Methylene chloride	10.0		**45.2**	50.00	0	90.3	43.67	3.38	08/19/2019
Naphthalene	5.0		**49.5**	50.00	0	99.0	46.20	6.94	08/19/2019
o-Xylene	2.0		**46.5**	50.00	0	92.9	43.57	6.44	08/19/2019
Toluene	2.0		**44.9**	50.00	0	89.7	43.13	3.93	08/19/2019
trans-1,2-Dichloroethene	2.0		**48.7**	50.00	0	97.3	45.70	6.27	08/19/2019
Xylenes, Total	4.0		**138**	150.0	0	92.0	130.5	5.59	08/19/2019
Surr: 1,2-Dichloroethane-d4			**49.2**	50.00		98.3			08/19/2019
Surr: 4-Bromofluorobenzene			**50.1**	50.00		100.1			08/19/2019
Surr: Dibromofluoromethane			**50.2**	50.00		100.5			08/19/2019
Surr: Toluene-d8			**47.8**	50.00		95.6			08/19/2019

Batch 156524 **SampType:** LCS Units µg/L

SampID: LCS-T190819A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**45.0**	50.00	0	89.9	75.8	121	08/19/2019
Bromoform	2.0		**48.4**	50.00	0	96.8	85.5	128	08/19/2019
Ethylbenzene	2.0		**43.5**	50.00	0	87.0	80.7	114	08/19/2019
m,p-Xylenes	2.0		**87.0**	100.0	0	87.0	80.5	113	08/19/2019
Methylene chloride	10.0		**43.7**	50.00	0	87.3	76.2	119	08/19/2019
Naphthalene	5.0		**46.2**	50.00	0	92.4	76.1	129	08/19/2019
o-Xylene	2.0		**43.6**	50.00	0	87.1	79.7	112	08/19/2019
Toluene	2.0		**43.1**	50.00	0	86.3	78.3	112	08/19/2019
trans-1,2-Dichloroethene	2.0		**45.7**	50.00	0	91.4	73.5	124	08/19/2019
Xylenes, Total	4.0		**131**	150.0	0	87.0	80.2	113	08/19/2019
Surr: 1,2-Dichloroethane-d4			**50.5**	50.00		101.0	79.6	118	08/19/2019
Surr: 4-Bromofluorobenzene			**49.1**	50.00		98.2	83.9	115	08/19/2019
Surr: Dibromofluoromethane			**50.5**	50.00		101.0	84.9	113	08/19/2019
Surr: Toluene-d8			**49.0**	50.00		98.0	86.7	112	08/19/2019

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Work Order: 19081112

Client Project: Ameren Taylorville Quarterly GW Sampling

Report Date: 22-Aug-2019

Carrier: Jacob Wilson

Received By: AMD

Completed by: Amber M. Dilallo
On: 15-Aug-2019

Reviewed by: Emily Pohlman
On: 15-Aug-2019

Pages to follow: Chain of custody 3 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp ℃ 2.8
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1℃ - 6.0℃, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☑	No VOA vials ☐	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

Any No responses must be detailed below or on the COC.

Headspace was present in the GW-16D, GW-16S, GW-14, GW-18D, GW-18S, GW-19, GW-20, GW-7, GW-7DUP, GW-3, GW-22D, GW-15 and GW-5 volatile vials. Brett Carney was notified of this error via work order summary. - adilallo - 8/15/2019 5:09:34 PM

CHAIN OF CUSTODY

Pg 1 of 3 Workorder # 1908111 2

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: ERM
Address: 2 CityPlace Drive
City/State/Zip: St. Louis, MO 63141
Contact: Mr. Brett Carney Phone: 217-529-0914
Email: brett.carney@erm.com Fax:

Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☐ No
Are these samples known to be hazardous? ☐ Yes ☐ No
Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: ☐ Yes ☐ No

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 2-8 °C LTC3
Preserved in: ☐ LAB ☐ FIELD
FOR LAB USE ONLY
LAB NOTES: HE: 1of2 GW-17, GW19S, GW20, GW22, TB2 2of2 16D, 16S, 14, 19D, 18S, 18D, 20, 17(DUP), 07, 22D, 15 CS; all GW7. MW 8/15/19

Client Comments:
MS/MSD collected at GW-7

All containers labeled as collected in August MW 8/15/19

PROJECT NAME/NUMBER: Ameren Taylorville Quarterly GW Sampling
SAMPLE COLLECTOR'S NAME: M. Halley/M. Abegg

RESULTS REQUESTED: ☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)
BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: VOCs	PAHs
1908111 2-001	GW-16D	8/12/2019 1600	Aqueous	1				2					✔	✔
002	GW-16S	8/12/2019 1630	Aqueous	1				2					✔	✔
003	GW-17	8/12/2019 1700	Aqueous	1				2					✔	✔
004	GW-14	8/13/2019 0930	Aqueous	1				2					✔	✔
005	GW-18D	6/13/2019 1100	Aqueous	1				2					✔	✔
006	GW-18S	6/13/2019 1120	Aqueous	1				2					✔	✔
007	GW-19S	6/13/2019 1400	Aqueous	1				2					✔	✔
008	GW-19D	6/13/2019 1440	Aqueous	1				2					✔	✔
009	GW-20	6/13/2019 1500	Aqueous	1				2					✔	✔
010	GW-7	6/13/2019 1635	Aqueous	3				6					✔	✔
011	GW-7 DUP	6/13/2019 1635	Aqueous	1				2					✔	✔

Relinquished By	Date/Time	Received By	Date/Time
	8/15/19 1455		8/15/19 1455
	8/16/19 1100		8/16/19 1100

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

MW 8/15/19

CHAIN OF CUSTODY

Pg 2 of 3 Workorder # 1908112

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: ERM
Address: 2 CityPlace Dr
City/State/Zip: St. Louis, MO 63141
Contact: Mr Brett Carney Phone: 217-529-0914
Email: brett.carney@erm.com Fax:

Samples on: ☐ ICE ☐ BLUE ICE ☐ NO ICE _____ °C
Preserved in: ☐ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES:

Client Comments:

Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☐ No
Are these samples known to be hazardous? ☐ Yes ☐ No
Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: ☐ Yes ☐ No

PROJECT NAME/NUMBER
Ameren Taylorville, IL

SAMPLE COLLECTOR'S NAME
M. Halley/ M. Abegg

RESULTS REQUESTED
☐ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: VOCs	PAHs
1908112-01	GW-3	8/13/2019 1725	Aqueous	1				2					✓	✓
02	GW-2	8/13/2019 1750	Aqueous	1				2					✓	✓
03	GW-22D	8/14/2019 0920	Aqueous	1				2					✓	✓
04	GW-22S	8/14/2019 0955	Aqueous	1				2					✓	✓
05	GW-15	8/14/2019 1125	Aqueous	1				2					✓	✓
06	GW-4R	8/14/2019 1150	Aqueous	1				2					✓	✓
07	GW-4R DUP	8/14/2019 1150	Aqueous	1				2					✓	✓
08	GW-1	8/14/2019 1215	Aqueous	1				2					✓	✓
09	GW-5	8/14/2019 1420	Aqueous	1				2					✓	✓
010	GW-21	8/14/2019 1535	Aqueous	1				2					✓	✓
011	Trip Blank 2	-	Aqueous					2					✓	

COOLER

Relinquished By	Date/Time	Received By	Date/Time
	8/15/19 1455		8/15/19 1455
	8/15/19 1605		8/15/19 1605

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

CHAIN OF CUSTODY

Pg 3 of 3 Workorder # 19081112

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: ERM
Address: 2 CityPlace Dr.
City/State/Zip: St. Louis, MO 63141
Contact: Mr. Brett Carney Phone: 217-529-0914
Email: brett.carney@erm.com Fax:

Samples on: ☐ ICE ☐ BLUE ICE ☐ NO ICE _____ °C
Preserved in: ☐ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES:

Client Comments:

Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☐ No
Are these samples known to be hazardous? ☐ Yes ☐ No
Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: ☐ Yes ☐ No

PROJECT NAME/NUMBER
Ameren Taylorville

SAMPLE COLLECTOR'S NAME
M. Halley/ M. Abegg

RESULTS REQUESTED
☐ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: VOCs
19081113 023	Trip Blank 4	-	Aqueous					2					✔
			Aqueous										
			Aqueous										
			Aqueous										
			Aqueous										
			Aqueous										
			Aqueous										
			Aqueous										
			Aqueous										
			Aqueous										
			Aqueous										

COURIER

Relinquished By	Date/Time	Received By	Date/Time
	8/15/19 1455		8/15/19 1455
	8/16/19 1005		8/16/19 1005

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS
2015 - 2019

GW-01 Analyte	Unit	Result 3/4/2015	Result 5/13/2015	Result 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result (DUP) 11/15/2016	Result 2/14/2017	Result 5/16/2017	Result 8/16/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	—	---	---	---	—	< 0.002	0.0013 J
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00012 J
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	--	—	—	—	—	—	--
Naphthalene	mg/L	—	—	—	—	---	--	---	---	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-01 Analyte	Unit	Result 11/22/2017	Result (DUP) 11/22/2017	Result 2/15/2018	Result (DUP) 2/15/2018	Result 5/10/2018	Result (DUP) 5/10/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.006	< 0.006	0.0017 JSR	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	mg/L	< 0.0001 B	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
o-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	< 0.0002
Phenanthrene	mg/L	< 0.0001 B	0.000156 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1	< 1	< 1	< 2

GW-01		Result
Analyte	Unit	8/14/2019
Acenaphthene	mg/L	< 0.0001
Acenaphthylene	mg/L	< 0.0001
Anthracene	mg/L	0.000088 J
Benzo(a)anthracene	mg/L	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002
Chrysene	mg/L	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.01
Fluoranthene	mg/L	< 0.0002
Fluorene	mg/L	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001
m,p-Cresol	mg/L	< 0.01
o-Cresol	mg/L	< 0.01
Naphthalene	mg/L	0.000891
Phenanthrene	mg/L	< 0.0004
Pyrene	mg/L	< 0.0002
Benzene	µg/L	< 0.5
Bromoform	µg/L	< 2
Ethylbenzene	µg/L	< 1
m,p-Xylenes	µg/L	< 1
Methylene chloride	µg/L	< 2
Naphthalene	µg/L	< 2
o-Xylene	µg/L	< 1
Toluene	µg/L	< 2
trans-1,2-Dichloroethene	µg/L	< 2
Xylenes, Total	µg/L	< 2

GW-02 Analyte	Unit	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/16/2017	Result 5/16/2017
Acenaphthene	mg/L	0.0081 J	0.00053 J	< 0.01	0.0213	0.004 J	< 0.01	< 0.01	0.00019 J	0.0053 J	0.0089 J
Acenaphthylene	mg/L	0.004 J	0.00065 J	0.0001 J	0.0163	0.0056 J	0.0004 J	0.00011 J	0.0019 J	0.0087 J	0.0103
Anthracene	mg/L	0.00035 J	0.00019 J	0.00018 J	0.00036 J	0.00026 J	0.00029 J	0.00026 J	0.00025 J	0.00036 J	0.0012 J
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00401	0.0472	0.00442	0.0021	0.0017 J	—	—	—	—	0.00229
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	0.00013 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00022 J
Fluorene	mg/L	0.00039 J	< 0.0021	< 0.0021	0.0001 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00099 J
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	0.00015 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	0.00012 J	< 0.0064	0.00023 J	< 0.0064	< 0.0064	< 0.0064	0.0018 J
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	0.00013 J	0.00011 J	< 0.0027	< 0.0027	0.00009 J	0.00009 J	0.00029 J
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	5.44	< 0.6	1.53	1.53	< 0.6	< 0.6	< 0.6	< 0.6	1.21
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-02 Analyte	Unit	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 2/20/2019	Result 5/8/2019	Result (DUP) 5/8/2019	Result 8/13/2019
Acenaphthene	mg/L	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	0.00048 J	0.000323	0.000082 J	0.000791	0.000085 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	0.00057 J	0.000329	0.000348	0.000273	0.000239	0.000243	0.000134	0.000113	0.000085 J
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000059 J	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00748	< 0.008	0.0018 J	< 0.002	0.00815	0.0108	0.00416	0.00756	0.0377
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.00019 J	0.000118	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.00012 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	---	---	---	---	---	---	0.00057	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0084	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.00022 J	0.000151	0.000155	0.000159	0.00012	0.00013 BJ	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.1	< 2	< 2	< 2	< 2	1.5 J	< 2	1.6 J
o-Xylene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	0.11 J	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

GW-03 Analyte	Unit	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result (DUP) 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result (DUP) 8/17/2016	Result 11/15/2016	Result 2/16/2017
Acenaphthene	mg/L	< 0.01	0.00042 J	0.00037 J	0.00012 J	0.00016 J	0.00041 J	0.00091 J	0.00079 J	0.001 J	0.00051 J	0.00022 J
Acenaphthylene	mg/L	0.00036 J	0.0021 J	0.0017 J	0.00057 J	0.0009 J	0.002 J	0.0045 J	0.0033 J	0.0044 J	0.0024 J	0.00084 J
Anthracene	mg/L	0.0001 J	0.00011 J	0.0001 J	0.00011 J	0.00012 J	0.00011 J	< 0.0066	0.00013 J	0.00013 J	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007 J	0.00006 J	< 0.0001	< 0.0001
Benzo(e)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	0.00433	0.00502	0.0014 J	0.00248	0.0011 J	---	---	---	---	---
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.00062 J	0.00064 J	0.00073 J	0.00094 J	0.00098 J	0.0011 J	0.00048 J	0.001 J	0.00095 J	0.0011 J	0.0011 J
Fluorene	mg/L	0.0001 J	0.00036 J	0.00043 J	0.00015 J	0.00019 J	0.0004 J	0.001 J	0.0009 J	0.0011 J	0.0006 J	0.0003 J
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	0.00016 B	0.00039	0.00015	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	0.00015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	0.00011 J	0.00016 J	< 0.0064	0.00011 J	0.00011 J	0.00014 J	0.00022 J	0.00032 J	0.00038 J	0.0003 J	< 0.0064
Pyrene	mg/L	0.00073 J	0.00078 J	0.00095 J	0.0012 J	0.0013 J	0.0014 J	0.0007 J	0.0016 J	0.0015 J	0.0017 J	0.0017 J
Benzene	µg/L	2.34	14.4	22.8	2.16	2 J	16.8	34.6	15.7	14.5	6.65	4.52
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	0.29 J	7.44	4.89	0.46 J	0.58 J	4.46	11.6	6.24	5.39	0.76 J	0.3 J
m,p-Xylenes	µg/L	3.3 J	66.5	70	1.1 J	1.3 J	41.4	103	34.1	30.7	4.22	0.53 J
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.7 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	50.6	216	334	20.5	20.5	302	921	439	474	195	22.2
o-Xylene	µg/L	3.62	41.4	48.1	1.8 J	2.11	45.6	95.3	36.7	33.3	9	4.12
Toluene	µg/L	0.66 J	14	8.28	0.31 J	0.37 J	7.98	20.8	7.68	6.74	0.83 J	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	6.91	108	118	3 J	3.4 J	87	198	70.8	64.1	13.2	4.65

GW-03 Analyte	Unit	Result (DUP) 2/16/2017	Result 5/16/2017	Result (DUP) 5/16/2017	Result 8/16/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019
Acenaphthene	mg/L	0.0002 J	0.00088 J	0.00064 J	0.00027 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000624
Acenaphthylene	mg/L	0.00085 J	0.0028 J	0.0033 J	0.0015 J	0.000147	0.000072 J	0.000065 J	0.000143	0.000083 J	0.00018	0.00247
Anthracene	mg/L	< 0.0066	0.00019 J	0.00022 J	0.00016 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J	0.000098 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000072 J	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00005 J	0.000101	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	—	0.0018 J	0.0021	0.0107	< 0.008	0.00892	0.00306	< 0.002	0.00266	< 0.002	0.00655
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 J	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	—	—	—	—	—	—	—
Fluoranthene	mg/L	0.001 J	0.0019 J	0.0021 J	0.00225	0.00162	0.000884	0.00109	0.00103	0.000901	0.000828	0.00089
Fluorene	mg/L	0.00035 J	0.001 J	0.0013 J	0.00059 J	0.000122	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000828
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	—
o-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	0.542
Phenanthrene	mg/L	0.00012 J	0.00082 J	0.00081 J	< 0.0064	0.000154	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.0016 J	0.00284	0.00325	0.00359	0.00279	0.00034	0.00124	0.00155	0.00118	0.000953 B	0.00155
Benzene	µg/L	4.92	18.7	20.8	4.99	0.75	< 0.5	2.55	0.16 J	0.41 J	3.71	43.9
Bromoform	µg/L	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	0.32 J	11.8	14.3	0.72 J	< 1	< 1	0.2 J	< 1	< 1	0.14 J	23.8
m,p-Xylenes	µg/L	0.55 J	51.8	63.8	2.5 J	< 1	0.3 J	2.27	< 1	0.31 J	2.65	124
Methylene chloride	µg/L	< 0.2	< 1	< 0.2	< 0.2	< 0.5	0.33 J	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	23.6	554	370	67.7	1.05	< 2	8.12	< 2	1.8 J	26.9	606
o-Xylene	µg/L	4.31	54.6	64.5	6.13	< 1	0.31 J	3.45	0.13 J	1.02	5.56	112
Toluene	µg/L	< 2	21.6	26.8	0.92 J	< 2	0.47 J	0.54 J	0.16 J	< 2	0.29 J	43.4
trans-1,2-Dichloroethene	µg/L	< 5	< 25	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	4.86	106	128	8.6	< 1	0.61 J	5.72	< 1	1.33	8.21	237

GW-03 Analyte	Unit	Result 8/13/2019	
Acenaphthene	mg/L	0.000792	
Acenaphthylene	mg/L	0.00229	
Anthracene	mg/L	0.000163	
Benzo(a)anthracene	mg/L	< 0.0001	
Benzo(a)pyrene	mg/L	0.00008	J
Benzo(b)fluoranthene	mg/L	0.000133	
Benzo(g,h,i)perylene	mg/L	0.00018	J
Benzo(k)fluoranthene	mg/L	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.00207	
Chrysene	mg/L	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	< 0.0001	
Di-n-butyl phthalate	mg/L	< 0.01	
Fluoranthene	mg/L	0.000684	
Fluorene	mg/L	0.00113	
Indeno(1,2,3-cd)pyrene	mg/L	0.00031	
m,p-Cresol	mg/L	0.00057	J
o-Cresol	mg/L	0.00094	J
Naphthalene	mg/L	0.00132	
Phenanthrene	mg/L	< 0.0004	
Pyrene	mg/L	0.00109	
Benzene	µg/L	30.2	
Bromoform	µg/L	< 20	
Ethylbenzene	µg/L	7.3	J
m,p-Xylenes	µg/L	83.1	
Methylene chloride	µg/L	< 20	
Naphthalene	µg/L	1020	
o-Xylene	µg/L	86.8	
Toluene	µg/L	11	J
trans-1,2-Dichloroethene	µg/L	< 20	
Xylenes, Total	µg/L	170	

GW-04 Analyte	Unit	Result 3/3/2015	Result 5/13/2015	Result 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017
Acenaphthene	mg/L	0.0011 J	0.002 J	0.0037 J	0.0027 J	0.0036 J	0.003 J	0.0043 J	0.0062 J	0.0054 J	0.0045 J	0.00789
Acenaphthylene	mg/L	0.0049 J	0.0044 J	0.0073 J	0.0052 J	0.0081 J	0.0069 J	0.0095 J	0.0074 J	0.0053 J	0.0037 J	0.00633
Anthracene	mg/L	0.0029 J	0.0011 J	0.0015 J	0.0015 J	0.0012 J	0.00081 J	0.00093 J	0.0012 J	0.0016 J	0.001 J	0.0013 J
Benzo(a)anthracene	mg/L	0.00022	0.00014	0.00024	0.00013	0.00016	0.0001 J	0.00012	0.00016	0.00017	0.000121	0.000164
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00012	0.00012	0.00025	< 0.0001	0.0001	0.00011	< 0.0001	0.00014	0.00012	< 0.0001	0.00011
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	< 0.002	0.0017 J
Chrysene	mg/L	0.00031	0.0004	0.00084	0.00016	0.0003	0.00022	0.0002	0.00048	0.00028	0.000207	0.000288
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.0018 J	0.00242	0.00402	0.0018 J	0.00261	0.0018 J	0.00228	0.00357	0.00237	0.0018 J	0.00404
Fluorene	mg/L	0.02	0.0239	0.0461	0.035	0.0396	0.0384	0.0467	0.0559	0.0447	0.0294	0.0513
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	0.00325	0.012	0.0111	0.00118	0.00569	---	---	---	---	---	---
o-Cresol	mg/L	0.0244	0.0241	0.0149	0.00553	0.013	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	0.0157	0.023	0.0338	0.0271	0.0197	0.0236	0.0283	0.0442	0.0313	0.0198	0.0453
Pyrene	mg/L	0.00085 J	0.0012 J	0.0018 J	0.00083 J	0.00098 J	0.00071 J	0.00097 J	0.0016 J	0.0012 J	0.00084 J	0.0021 J
Benzene	µg/L	1270	1380	400	947	526	1110	547	518	1680	1750	599
Bromoform	µg/L	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 2	< 100	< 100	< 100
Ethylbenzene	µg/L	137	148	122	156	154	191	139	169	200	260	145
m,p-Xylenes	µg/L	75.7	101	68.9	79.3	81	144	108	124	200 J	170 J	140 J
Methylene chloride	µg/L	< 2	2.6	2.2	< 2	3.2	33.8 B	7.2	0.2	< 10	< 10	< 10
Naphthalene	µg/L	1350	1500	3140	2050	2480	2330	3390	2240	1960	2120	2220
o-Xylene	µg/L	125	130	122	131	132	139	122	147	169	183	131
Toluene	µg/L	138	191	131	219	165	518	301	249	553	316	284
trans-1,2-Dichloroethene	µg/L	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 5	< 250	< 250	< 250
Xylenes, Total	µg/L	200	231	191	210	213	282	230	271	368	352	276

GW-04 Analyte	Unit	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result (DUP) 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result (DUP) 8/14/2019
Acenaphthene	mg/L	0.00727	0.00737	0.0077	0.0139	0.0109	0.0108	0.0252	0.0165	0.0161	0.0148
Acenaphthylene	mg/L	0.00302	0.00178	0.00337	0.00913	0.0047	0.00445	0.0073 J	0.00597	0.0049	0.00482
Anthracene	mg/L	0.000558	0.000714	0.000411	0.00108	< 0.0025	0.0018 J	0.00106	0.000475	0.000814	0.000711
Benzo(a)anthracene	mg/L	0.00017	0.00022	0.000117	0.00016	< 0.0025	< 0.0025	0.000147	0.000108	0.000165	0.000131
Benzo(e)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000085 J	< 0.0001
Benzo(b)fluoranthene	mg/L	0.000168	0.000215	0.000106	0.000162	< 0.0025	< 0.0025	0.000164	0.000087 J	0.000191	0.000132
Benzo(g,h,i)perylene	mg/L	< 0.0001	0.000071 J	< 0.0001	0.000052 J	< 0.0025	< 0.0025	0.00005 J	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	0.00008 J	< 0.0001	< 0.0001	< 0.0025	< 0.0025	0.000052 J	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.006	< 0.002	< 0.002	< 0.002	< 0.05	< 0.05	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.000515	0.000732	0.000384	0.000554	< 0.0025	< 0.0025	0.000419	0.000317	0.000353	0.000322
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	—	—	< 0.01	< 0.01
Fluoranthene	mg/L	0.00385	0.00305	0.00337	0.00392	< 0.005	< 0.005	0.00308	0.00283	0.00287	0.00278
Fluorene	mg/L	0.039	0.0466	0.0374	0.0844	0.0505	0.0507	0.0837	0.0519	0.0495	0.0434
Indeno(1,2,3-cd)pyrene	mg/L	0.000106	0.00008 J	< 0.0001	0.000084 J	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000178	0.000102
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	< 1	< 1
o-Cresol	mg/L	—	—	—	—	—	—	—	—	< 1	< 1
Naphthalene	mg/L	—	—	—	—	—	—	—	1.14	1.59	3.23
Phenanthrene	mg/L	0.0398	0.0247	0.0355	0.0513	0.0447	0.045	0.0734	0.0406	0.0406	< 0.04
Pyrene	mg/L	0.00181	0.00156	0.00168	0.00187	< 0.005	< 0.005	0.0014 B	0.00128	0.0014	0.0013
Benzene	µg/L	565	355	979	630	956	871	1300	753	590	616
Bromoform	µg/L	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40	< 40
Ethylbenzene	µg/L	128	70.9	103	132	182	177	223	203	187	195
m,p-Xylenes	µg/L	102	64.8	110	146	173	155	276	247	149	158
Methylene chloride	µg/L	50.5	< 5	< 20	< 40	< 200	< 200	< 2	< 2	< 40	< 40
Naphthalene	µg/L	1790	1440	2670 E	3970	3680	3690	4580	4190	3740	4050
o-Xylene	µg/L	104	59.7	94.5	132	151	139	185	167	121	125
Toluene	µg/L	264	140	316	267	297	281	728	537	308	324
trans-1,2-Dichloroethene	µg/L	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40	< 40
Xylenes, Total	µg/L	206	124	205	278	324	294	461	414	270	281

GW-05 Analyte	Unit	Result 3/4/2015	Result 3/4/2015	Result 5/13/2015	Result (DUP) 5/13/2015	Result 8/19/2015	Result 11/4/2015	Result (DUP) 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result (DUP) 8/18/2016	Result 11/16/2016
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0195	0.00664	0.0163	0.0089	0.00718	0.00763	0.00558	0.00351	—	—	—	—
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	6.55	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-05 Analyte	Unit	Result (DUP) 11/16/2016	Result 2/15/2017	Result 5/17/2017	Result (DUP) 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/9/2018	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	0.00008 J	< 0.0001	0.000051 J	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000094 J	< 0.0001	0.000197	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000079 J	< 0.0001	0.000097 J	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000068 J	< 0.0001	0.000208	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	0.000045 J	< 0.0001	0.000084 J	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	—	—	0.00861	0.011	0.013	0.00807	0.0218	0.0122	0.00256	0.00287	0.0049	0.0103
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000062 J	< 0.0001	0.000268	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	—	—	—	—	—	—	—
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0001 J	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000204	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000141	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000088 J	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
o-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.00013 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	0.00017 BJ	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.41 J	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	0.31 J	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	0.35 J	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.0001	< 2	< 2	0.61 J	< 2	35.9	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	0.23 J	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.4 J	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	0.58 J	< 2

GW-05		Result	
Analyte	Unit	8/14/2019	
Acenaphthene	mg/L	< 0.0001	
Acenaphthylene	mg/L	< 0.0001	
Anthracene	mg/L	< 0.0001	
Benzo(a)anthracene	mg/L	< 0.0001	
Benzo(a)pyrene	mg/L	< 0.0001	
Benzo(b)fluoranthene	mg/L	< 0.0001	
Benzo(g,h,i)perylene	mg/L	< 0.0002	
Benzo(k)fluoranthene	mg/L	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.00671	
Chrysene	mg/L	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	< 0.0001	
Di-n-butyl phthalate	mg/L	< 0.01	
Fluoranthene	mg/L	< 0.0002	
Fluorene	mg/L	< 0.0001	
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	
m,p-Cresol	mg/L	< 0.01	
o-Cresol	mg/L	< 0.01	
Naphthalene	mg/L	0.000214	
Phenanthrene	mg/L	< 0.0004	
Pyrene	mg/L	< 0.0002	
Benzene	µg/L	< 0.5	
Bromoform	µg/L	< 2	
Ethylbenzene	µg/L	< 1	
m,p-Xylenes	µg/L	< 1	
Methylene chloride	µg/L	< 2	
Naphthalene	µg/L	0.49	J
o-Xylene	µg/L	< 1	
Toluene	µg/L	< 2	
trans-1,2-Dichloroethene	µg/L	< 2	
Xylenes, Total	µg/L	< 2	

GW-07 Analyte	Unit	Result 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result (DUP) 8/18/2015	Result 11/2/2015	Result 2/16/2016	Result (DUP) 2/16/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017
Acenaphthene	mg/L	< 0.01	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	0.00013 J	< 0.00263	0.00011 J	0.00012 J	< 0.01	0.00011 J	0.0001 J	< 0.01	< 0.01	< 0.01	0.00011 J
Anthracene	mg/L	0.00097 J	0.00071 J	0.00084 J	0.00089 J	0.00068 J	0.00073 J	0.00069 J	0.00054 J	< 0.0066	0.00063 J	0.00078 J
Benzo(a)anthracene	mg/L	0.0002	0.00026	0.00019	0.0002	0.00018	0.00018	0.00018	0.00015	0.00007 J	0.00015	0.00019
Benzo(a)pyrene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00224	0.0102	0.00429	0.00232	0.00315	0.00209	0.0013 J	---	---	---	---
Chrysene	mg/L	0.0001	< 0.00026	< 0.0001	0.0001	< 0.0001	0.00009 J	< 0.0001	0.00008 J	< 0.0001	0.00008 J	0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.0011 J	0.00087	0.00088 J	0.001 J	0.00083 J	0.00086 J	0.0008 J	0.00068 J	< 0.0021	0.00075 J	0.001 J
Fluorene	mg/L	0.0003 J	0.00029	0.0003 J	0.00031 J	0.00021 J	0.00025 J	0.00025 J	0.00019 J	< 0.0021	0.0002 J	0.0002 J
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	0.00014 J	< 0.00263	< 0.0064	< 0.0064	0.00013 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.0015 J	0.0012 J	0.0014 J	0.0014 J	0.0012 J	0.0012 J	0.0011 J	0.001 J	< 0.0027	0.0011 J	0.0014 J
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	0.24	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	1.47	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-07 Analyte	Unit	Result 5/16/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/8/2018	Result 8/13/2018	Result 11/8/2018	Result 2/18/2019	Result 5/8/2019	Result 8/13/2019	Result-DUP 8/13/2019
Acenaphthene	mg/L	< 0.01	0.00013 J	< 0.0001	0.000144	< 0.0001	0.000137	0.000149	0.000111	0.000136	0.000078 J	0.000086 J
Acenaphthylene	mg/L	0.00019 J	0.00019 J	0.000229	0.00034	0.000244	0.000282	0.00027	0.000286	0.000253	0.000142	0.000135
Anthracene	mg/L	0.00091 J	0.0012 J	0.00179	0.00308	0.00198	0.00215	0.00164	0.00216	0.00186	0.00106	0.00101
Benzo(a)anthracene	mg/L	0.0002	0.000188	0.000192	0.000301	0.000203	0.000195	0.000224	0.0002	0.000225	0.000213	0.000189
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.015	0.0149	< 0.006	0.00692	0.00786	0.0131	0.00353	0.00867	0.0019 J	0.00364 S	0.0048
Chrysene	mg/L	0.000148	0.000159	0.000144	0.000222	0.000133	0.000153	0.000135	0.000147	0.000145	0.000121	0.000145
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	---	---	---	0.00258	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.0013 J	0.0016 J	0.00199	0.0032	0.00228	0.00039	0.00204	0.0022	0.00214	0.00142	0.00137
Fluorene	mg/L	0.00036 J	0.00033 J	0.000376	0.000595	0.000427	< 0.0001	0.000353	0.000397	0.000457	0.000249	0.000255
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0084	< 0.0084	0.000233	0.000096 J	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.0018 J	0.0021 J	0.00259	0.00466	0.00336	0.00371	0.00281	0.00297 B	0.00312	0.00199	0.00194
Benzene	µg/L	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.12 J	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	6.68	< 2 B	< 2	< 2
o-Xylene	µg/L	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

GW-6S Analyte	Unit	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	—	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	—	—
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	—	—	—	—
o-Cresol	mg/L	< 0.0001	—	—	—	—
Naphthalene	mg/L	—	—	—	—	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 4	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 0.2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 0.6	< 1	< 1
Methylene chloride	µg/L	< 0.2	0.85 B	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 2	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 5	< 1	< 1
Toluene	µg/L	< 2	< 2	< 4	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 1 B	< 2

GW-9D Analyte	Unit	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(e)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	—	0.00291	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	—	—
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	—	—	—	—
o-Cresol	mg/L	< 0.0001	—	—	—	—
Naphthalene	mg/L	—	—	—	—	< 0.0002
Phenanthrene	mg/L	< 0.0084	< 0.0084	< 0.0084	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	0.21 B	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 2

GW-11 Analyte	Unit	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Well Destroyed
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	< 0.002	
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	
m,p-Cresol	mg/L	< 0.0001	---	---	
o-Cresol	mg/L	< 0.0001	---	---	
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	
Benzene	µg/L	< 2	< 2	< 2	
Bromoform	µg/L	< 2	< 2	< 2	
Ethylbenzene	µg/L	< 2	< 2	< 2	
m,p-Xylenes	µg/L	< 4	< 4	< 4	
Methylene chloride	µg/L	< 0.2	< 0.2 B	< 0.2	
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	
o-Xylene	µg/L	< 2	< 2	< 2	
Toluene	µg/L	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	
Xylenes, Total	µg/L	< 4	< 4	< 4	

GW-12 Analyte	Unit	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Result 5/10/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000058 J
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	0.000043 J	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000044 J
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0084	< 0.0084	< 0.0084	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2 B	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	0.25 J	< 2	0.18 J	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 1 B	< 2

GW-13S		Result		Result		Result		Result		Result	
Analyte	Unit	5/14/2015		5/26/2016		5/18/2017		5/9/2018		5/6/2019	
Acenaphthene	mg/L	< 0.01		< 0.01		< 0.01		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	< 0.01		< 0.01		< 0.01		< 0.0001		< 0.0001	
Anthracene	mg/L	< 0.0066		< 0.0066		< 0.0066		< 0.0001		< 0.0001	
Benzo(a)anthracene	mg/L	< 0.0001		0.00012		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	< 0.0001		0.00024		< 0.0001		< 0.0001		< 0.0001	
Benzo(b)fluoranthene	mg/L	< 0.0001		0.00036		< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	< 0.00076		0.00056	J	< 0.00076		< 0.0001		< 0.0002	
Benzo(k)fluoranthene	mg/L	< 0.0001		0.0003		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002		---		< 0.002		< 0.002		< 0.002	
Chrysene	mg/L	< 0.0001		0.00009	J	< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	< 0.0001		0.00052		< 0.0001		< 0.0001		< 0.0001	
Di-n-butyl phthalate	mg/L	< 0.0033		< 0.0033		< 0.0033		---		---	
Fluoranthene	mg/L	< 0.0021		< 0.0021		< 0.0021		< 0.0002		< 0.0002	
Fluorene	mg/L	< 0.0021		< 0.0021		< 0.0021		< 0.0001		< 0.0001	
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001		0.00053		< 0.0001		< 0.0001		< 0.0001	
m,p-Cresol	mg/L	< 0.0001		---		---		---		---	
o-Cresol	mg/L	< 0.0001		---		---		---		---	
Naphthalene	mg/L	---		---		---		---		< 0.0002	
Phenanthrene	mg/L	< 0.0084		< 0.0084		< 0.0084		< 0.0004		< 0.0004	
Pyrene	mg/L	< 0.0027		< 0.0027		< 0.0027		< 0.0001		< 0.0002	
Benzene	µg/L	< 2		< 2		< 2		< 0.5		< 0.5	
Bromoform	µg/L	< 2		< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	< 2		< 2		< 2		< 1		< 1	
m,p-Xylenes	µg/L	< 4		< 4		< 4		< 1		< 1	
Methylene chloride	µg/L	< 0.2		< 0.2	B	< 0.2		< 2		< 2	
Naphthalene	µg/L	< 0.6		< 0.6		< 0.6		< 2	B	< 2	
o-Xylene	µg/L	< 2		< 2		< 2		< 1		< 1	
Toluene	µg/L	< 2		< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	< 5		< 5		< 5		< 2		< 2	
Xylenes, Total	µg/L	< 4		< 4		< 4		< 1	B	< 2	

GW-13D Analyte	Unit	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/8/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	0.00011	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	0.00024	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	0.00035	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	0.00061 J	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	0.00029	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	—	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	0.0008	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	0.0033	—	—
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	0.00059	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	< 0.0001	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	0.25	0.22	< 0.2 B	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 1 B	< 2

GW-14 Analyte	Unit	Result 3/3/2015	Result (DUP) 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result 11/3/2015	Result 2/16/2016	Result 5/24/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/16/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.00227	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00023	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0018 J	0.00214	0.00952	0.00738	0.00818	0.0154	—	—	—	—	0.0316	0.00962
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.00227	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.000095
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	0.00014	< 0.00023	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.00227	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.00227	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	0.22	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	0.26 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-14		Result		Result		Result		Result		Result		Result		Result		Result	
Analyte	Unit	11/21/2017		2/15/2018		5/7/2018		8/13/2018		11/7/2018		2/19/2019		5/8/2019		8/13/2019	
Acenaphthene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)anthracene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(b)fluoranthene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.008		0.0094		0.00367		0.0173		0.0126		< 0.002		< 0.002		0.00622	
Chrysene	mg/L	< 0.0001		0.000031	J	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Di-n-butyl phthalate	mg/L	—		—		—		—		—		—		—		< 0.01	
Fluoranthene	mg/L	< 0.0001	B	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Fluorene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
m,p-Cresol	mg/L	—		—		—		—		—		—		—		< 0.01	
o-Cresol	mg/L	—		—		—		—		—		—		—		< 0.01	
Naphthalene	mg/L	—		—		—		—		—		—		< 0.0002		< 0.0002	
Phenanthrene	mg/L	0.000182	B	< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Pyrene	mg/L	< 0.0001	B	< 0.0001		< 0.0001		< 0.0001		< 0.0002		< 0.0002	B	< 0.0002		< 0.0002	
Benzene	µg/L	< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	< 2		< 2		< 2		< 2		< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	< 1		< 1		< 1		< 1		< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	< 1		< 1		< 1		< 1		< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	< 0.5		0.2	J	< 2		< 2		< 2		< 2		< 2		< 2	
Naphthalene	µg/L	< 0.1		< 2		1.4	J	< 2		< 2		2.89		< 2	B	< 2	
o-Xylene	µg/L	< 1		< 1		< 1		< 1		< 1		< 1		< 1		< 1	
Toluene	µg/L	< 2		< 2		< 2		< 2		< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	< 2		< 2		< 2		< 2		< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	< 1		< 1		< 1		< 1		< 1		< 1		< 2		< 2	

GW-15 Analyte	Unit	Result 3/3/2015	Result 5/13/2015	Result 8/19/2015	Result (DUP) 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result (DUP) 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.01 S	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	0.00006 J	0.00006 J	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076 S	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0012 J	0.00365 SR	0.00612	0.00583	0.00277	0.0025	—	—	—	—	—	0.00335
Chrysene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	0.00016	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	0.38 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.22 B	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	2.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	0.38 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-15 Analyte	Unit	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019
Acenaphthene	mg/L	< 0.01	< 0.0001	< 0.0001	0.000064 J	0.000053 J	< 0.0001	< 0.0001 S	0.000055 J	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.0001	0.000053 J	0.000076 J	0.000063 J	< 0.0001	0.000063 JS	0.000069 J	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	0.000052 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00587	< 0.008	0.0111	0.00563	0.0109	0.00274 SR	0.0039	0.00327	0.014	0.00331
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	—	—	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	0.00012 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	0.00015 J	< 0.0002 S	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.000095 J	0.0001	0.000072 J	0.00011	0.000101	< 0.0001	< 0.0001 S	0.0001 J	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0064	0.000119	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.0001 J	< 0.0001	0.000066 J	< 0.0001	< 0.0001	0.000143	< 0.0002 S	0.00011 BJ	< 0.0002	< 0.0002
Benzene	µg/L	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	0.9	< 2	< 2	0.8 J	< 2 B	< 2	< 2	1.7 J	< 2	< 2
o-Xylene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1	< 2	< 2

GW-16S Analyte	Unit	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	0.00264	0.00448	< 0.006
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001 B
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	0.00017 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.000133 B
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	< 0.6	< 0.6	0.62	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1

GW-16S Analyte	Unit	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0446	0.0293	0.0142	< 0.002	0.00774	0.00353	0.012
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	0.34 J	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	0.7 J	< 2	< 2	< 2	< 2 B	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-16D		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Analyte	Unit	3/2/2015	5/11/2015	5/11/2015	8/17/2015	11/2/2015	2/17/2016	5/24/2016	8/16/2016	11/14/2016	2/14/2017	5/15/2017
Acenaphthene	mg/L	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.00263	< 0.00263	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00026	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00272	0.0095	0.0095	0.0031	0.00294	0.00425	—	—	—	—	0.0138
Chrysene	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.00263	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.00263	< 0.00263	< 0.0064	0.00011 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.00011 J
Pyrene	mg/L	< 0.0027	< 0.00263	< 0.00263	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	0.89 J	0.85 J	0.95 J	0.99 J	1.2 J	0.88 J	0.57 J	0.44 J	0.51 J	0.44 J	0.67 J
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-16D Analyte	Unit	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result (DUP) 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result (DUP) 5/7/2019	Result 8/12/2019
Acenaphthene	mg/L	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	0.00032 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0019 J	< 0.008	0.00465	0.0438	0.00939	0.0035	0.00566	0.00573	< 0.01 S	0.00421	0.0141
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	—	—	—	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	0.00021 J	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	—	—	—	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0084	0.000124 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.00011 J	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	< 2	< 0.5	< 0.5	0.23 J	0.22 J	0.41 J	0.56	0.71	0.71	0.77	0.3 J
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.2 J	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.5	< 0.5	0.22 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	0.81 J	0.48 J	< 2 B	< 2
o-Xylene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J	< 2	< 2
trans-1,2-Dichloroethene	µg/L	0.8 J	< 2	0.56 J	0.53 J	< 2	0.39 J	0.3 J	< 2	0.13 J	< 2	< 2
Xylenes, Total	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

GW-17 Analyte	Unit	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	—	—	—	—	0.00225	0.00328	< 0.006
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	—
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001 B
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.00011 B
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.98 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.5 J	< 0.6	< 0.6	< 0.6	< 0.1
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1

GW-17 Analyte	Unit	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	0.00742	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	0.48 J	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	0.61 J	< 2 B	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-18S Analyte	Unit	Result 3/4/2015	Result 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000118 S
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000132 S
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0011 J	< 0.002	0.00211	0.0014 J	0.0013 J	---	---	---	---	0.00827	0.0015 J	< 0.006 S
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.000092 J	< 0.0001 S
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000143
m,p-Cresol	mg/L	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0001
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 S
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	< 0.6	< 0.6	0.94	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1

GW-18S Analyte	Unit	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00347	0.00327	< 0.002	< 0.002	0.00433	0.00228	0.00265
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	< 2	< 2	< 2	< 2	< 2	0.94 J
Naphthalene	µg/L	< 2	< 2	< 2	< 2	0.52 J	< 2	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-18D		Result	Result	Result (DUP)	Result	Result	Result	Result (DUP)	Result	Result	Result	Result	Result	Result	Result
Analyte	Unit	3/4/2015	5/12/2015	5/12/2015	8/19/2015	11/4/2015	2/16/2016	2/18/2016	5/25/2016	8/18/2016	11/16/2016	2/16/2017	5/17/2017	8/18/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0014 J	0.0014 J	0.0033	0.003	0.0019 J	0.00201	< 0.002	—	—	—	—	0.00679	0.00472
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00015 J
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.21 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	5.63	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	0.3 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-18D		Result	Result (DUP)	Result	Result	Result	Result	Result	Result	Result
Analyte	Unit	11/21/2017	11/21/2017	2/15/2018	5/8/2018	8/14/2018	11/8/2018	2/19/2019	5/7/2019	8/13/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00111	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.006	< 0.006	0.00371	0.00222	0.00371	< 0.002	< 0.002	< 0.0111	0.00517
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Di-n-butyl phthalate	mg/L	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00111	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	---	---	---	---	---	---	---	< 0.00111	< 0.0002
Phenanthrene	mg/L	< 0.0001	0.000108	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00222	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.00111	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.13 J	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	0.25 J	0.4 J	0.42 J	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-19S Analyte	Unit	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result (DUP) 8/18/2017
Acenaphthene	mg/L	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.00071 H	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0002	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00071 H	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0002	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00595	0.0304 H	0.00871	0.00222	0.00259	—	—	—	—	0.0109	0.00473	0.00579
Chrysene	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	0.00079 H	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0002	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001 B	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.00071 H	< 0.0064	0.0001 J	0.00012 J	< 0.0064	< 0.0064	< 0.0002	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.00071 H	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0002	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	0.45 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-19S Analyte	Unit	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result (DUP) 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.006	0.0013 J	0.00502	0.0149	< 0.002	0.0148	0.00315	0.00632	0.0342
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	0.000112	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	0.000175	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	< 2	0.41 J	< 2	< 2	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	0.1 J	0.11 J	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-19D Analyte	Unit	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/16/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00207	0.00262	0.0023	0.0019 J	< 0.002	---	---	---	---	0.00452	0.00917	0.00917
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	0.00051 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	0.27 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-19D Analyte	Unit	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00664	0.00352	0.00794	< 0.002	0.0019 J	0.00434	0.0232
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	0.37 J	< 2	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-20 Analyte	Unit	Result 3/5/2015	Result (DUP) 3/5/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/27/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017
Acenephthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenephthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	0.00009 J	0.00016	< 0.0001	< 0.0001	0.00008 J	< 0.0001	0.00009 J	0.00007 J	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	0.00024	0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0001 J	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	0.00019	0.00022	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	0.00024 J	0.00024 J	< 0.00076	< 0.00076	< 0.00076	< 0.00076	0.00012 J	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	—	—	—	—	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	0.00011 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	0.00015	0.00016	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	0.00014 J	0.00019 J	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	0.45 J	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-20 Analyte	Unit	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/10/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.0001	< 0.0001	0.00007 J	0.000184	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0086	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	0.000058 J	0.000086 J	0.000146	< 0.0001	< 0.0001	< 0.0001	0.000053 J
Benzo(a)pyrene	mg/L	< 0.0001	0.000214	0.000089 J	0.000178	0.000471	< 0.0001	0.000052 J	< 0.0001	0.000082 J
Benzo(b)fluoranthene	mg/L	< 0.0001	0.000205	0.000074 J	0.000128	0.000364	< 0.0001	< 0.0001	< 0.0001	0.00007 J
Benzo(g,h,i)perylene	mg/L	< 0.00076	0.000188	0.000138	0.000224	0.000513	< 0.0001	0.000076 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	0.000084 J	0.000163	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	0.000108	< 0.0001	0.000055 J	0.000223	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	—	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	0.000094 J	0.000165	< 0.0002	< 0.0002	0.00017 J	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	0.000321	0.000096 J	0.000244	0.000536	< 0.0001	< 0.0001	< 0.0001	0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	0.00014 BJ	0.000205	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.000097 J	0.00018	0.000056 J	0.000135	0.000336	< 0.0002	< 0.0002	< 0.0002	0.00019 J
Benzene	µg/L	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-21 Analyte	Unit	Result 3/5/2015	Result 5/13/2015	Result 8/20/2015	Result (DUP) 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result 11/16/2016	Result 2/15/2017	Result (DUP) 2/15/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00008 J	0.00007 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00384	< 0.002	0.00837	0.00812	0.001 J	< 0.002	—	—	—	—	—
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(e,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001 B	0.00022	0.00015	0.00016	< 0.0001	< 0.0001	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	0.00019	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	< 4	< 4	0.35 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	2.51	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	0.43 J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	0.35 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-21 Analyte	Unit	Result 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/10/2018	Result 8/13/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	0.00016 J	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00008 J	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0019 J	0.0015 J	< 0.008	0.0013 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000043 J	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	—	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	0.00015 J	< 0.0021	0.000107 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.00011 J	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	0.00016 J	< 0.0064	0.000214 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.00012 J	< 0.0027	< 0.0001 B	0.000041 J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-22S		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Analyte	Unit	3/3/2015	5/12/2015	8/18/2015	11/3/2015	2/17/2016	5/25/2016	8/17/2016	11/15/2016	2/15/2017	5/16/2017	8/17/2017	11/22/2017	
Acenaphthene	mg/L	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	
Acenaphthylene	mg/L	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	
Anthracene	mg/L	< 0.0138	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	
Benzo(a)anthracene	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(b)fluoranthene	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	< 0.00158	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	
Benzo(k)fluoranthene	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.00417	< 0.002	0.0013 J	< 0.002	< 0.002	---	---	---	---	---	0.0015 J	0.00389	< 0.006
Chrysene	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Di-n-butyl phthalate	mg/L	< 0.00688	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	
Fluoranthene	mg/L	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0001	< 0.0001	
Fluorene	mg/L	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	
Indeno(1,2,3-cd)pyrene	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
m,p-Cresol	mg/L	0.00031	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---	
o-Cresol	mg/L	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---	
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---	
Phenanthrene	mg/L	< 0.0133	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.000134	
Pyrene	mg/L	< 0.00562	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1	
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	0.29	< 0.2	< 0.2	< 0.2	< 0.5	
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	0.52 J	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	
Toluene	µg/L	< 2	< 2	< 2	0.27 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2	
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1	

GW-22S Analyte	Unit	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0017 J	0.00445	0.00264	0.00477	< 0.002	< 0.002	0.00455	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	< 0.0002	< 0.0002	0.00015 J	< 0.0002	0.00015 J	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	---	---	---	---	---	---	0.000203	< 0.0002
Phenanthrene	mg/L	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.000035	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	0.5 J	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-22D Analyte	Unit	Result 3/3/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/16/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result (DUP) 8/17/2017	Result 11/22/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00008 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0029	0.00494	0.00646	0.00803	0.0011 J	—	—	—	—	0.00298	0.00913	0.00566	< 0.006
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.000142
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	0.00014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—	—	—	—
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	0.000882
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	0.73	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	< 2	< 2	< 2	0.25 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1

GW-22D		Result	Result	Result	Result	Result	Result (DUP)	Result	Result
Analyte	Unit	2/14/2018	5/8/2018	8/14/2018	11/7/2018	2/20/2019	2/20/2019	5/8/2019	8/14/2019
Acenaphthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00529	0.00829	0.00939	0.00579	0.00243	0.00215	0.0111	0.00834
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	—	—	—	—	—	—	—	< 0.01
Fluoranthene	mg/L	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	—	—	—	—	—	—	—	< 0.01
o-Cresol	mg/L	—	—	—	—	—	—	—	< 0.01
Naphthalene	mg/L	—	—	—	—	—	—	0.00128	< 0.0002
Phenanthrene	mg/L	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	2.66	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-101S		Result	Result (DUP)	Result	Result (DUP)	Result	Result (DUP)	Result (DUP)	Result
Analyte	Unit	5/14/2015	5/14/2015	5/27/2016	5/27/2016	5/18/2017	5/18/2017	5/9/2018	5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	0.00016 J	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	0.00014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 1 B	< 2

GW-102S Analyte	Unit	Result 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result 5/8/2018	Result 5/8/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	< 0.0002	
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	0.00018 J	< 0.0064	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	0.41 J	< 4	< 4	< 4	< 4	< 1 B	< 2

GW-102D Analyte	Unit	Result 5/14/2015	Result 5/27/2016	Result 5/18/2017	Result 5/9/2018	Result 5/8/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001 SR	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	—	< 0.002	< 0.002	0.0053
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	—	—
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	—	—	—	—
o-Cresol	mg/L	< 0.0001	—	—	—	—
Naphthalene	mg/L	—	—	—	—	< 0.0002
Phenanthrene	mg/L	< 0.0084	< 0.0084	< 0.0084	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 1 B	< 2

GW-103S Analyte	Unit	Result 5/12/2015	Result 5/26/2016	Result (DUP) 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result 5/6/2019	Result (DUP) 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	0.0001 J	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	—	—	< 0.002	< 0.002	< 0.002	0.002 J
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	0.00008 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	—	—	—
Fluoranthene	mg/L	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	—	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	—	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	< 0.0002	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 1	< 2	< 2

GW-103D Analyte	Unit	Result 5/12/2015	Result 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result (DUP) 5/9/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.000588
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294
Bis(2-ethylhexyl)phthalate	mg/L	0.0013 J	—	< 0.002	< 0.002	< 0.002	< 0.00588
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	—	—	—
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294
m,p-Cresol	mg/L	< 0.0001	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	< 0.00059
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	0.2 B	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 2	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 1	< 1 B	< 2