January 27, 2021

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

Dear Mr. Miller:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Fourth Quarter, 2020 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.

Fourth Quarter – 2020 Events

- Fourth quarter 2020 groundwater samples collected in November 2020 (results attached)
- Fourth quarter 2020 pump and treat system samples (results attached)
- Bag filter strainers were repaired on December 31, 2020

First Quarter – 2021 Plans

- Collect First quarter groundwater samples in February

Problems Encountered or Anticipated Problems

We have not encountered and do not anticipate any other abnormal operational or maintenance problems.

We have treated 1,291,370,292 gallons of groundwater through the system since startup until the end of December 2020. 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,

Dave Palmer, PG, PMP, EVMP
Ameren Services, Manager Remediation Projects

Attachments

Attachments

Monitoring Well Location Map

Year 2020 Quarter 4 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
October 2020

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Oct-20	x100				
1	261,231,000	77,500	WEST	58	48
2	261,308,500	115,700	WEST	58	44
3	261,424,200	59,800	WEST	58	46
4	261,484,000	36,600	WEST	58	50
5	261,520,600	109,700	WEST	58	50
6	261,630,300	58,200	WEST	58	46
7	261,688,500	63,800	WEST	58	48
8	261,752,300	110,100	WEST	58	48
9	261,862,400	70,100	WEST	58	50
10	261,932,500	61,900	WEST	58	50
11	261,994,400	59,900	WEST	58	52
12	262,054,300	38,500	WEST	60	54
13	262,092,800	80,500	WEST	60	52
14	262,173,300	54,000	WEST	60	50
15	262,227,300	29,800	WEST	60	54
16	262,257,100	32,600	WEST	58	56
17	262,289,700	94,200	WEST	58	48
18	262,383,900	65,600	WEST	58	50
19	262,449,500	107,200	WEST	58	52
20	262,556,700	84,500	WEST	58	50
21	262,641,200	33,000	WEST	60	50
22	262,674,200	98,700	WEST	60	52
23	262,772,900	56,000	WEST	60	50
24	262,828,900	75,800	WEST	60	50
25	262,904,700	40,700	WEST	60	52
26	262,945,400	125,200	WEST	60	52
27	263,070,600	73,000	WEST	60	50
28	263,143,600	38,700	WEST	60	52
29	263,182,300	123,200	WEST	60	52
30	263,305,500	63,900	WEST	60	50
31	263,369,400	63,600	WEST	60	52
Nov-20	263,433,000				

Flow Data	**Gallons**
For Month	2,202,000
To Pond	0
Below Pond	2,202,000
Average	71,032
Maximum	125,200
Minimum	29,800
Total Through Sept	1,284,805,992
Total Through Oct	1,287,007,992

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels		10/23/2020	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	10/1/2020	10/1/2020
	Inoperable	10/5/2020	10/5/2020
	Inoperable	10/8/2020	10/8/2020
	Inoperable	10/13/2020	10/13/2020
	Inoperable	10/17/2020	10/17/2020
	Inoperable	10/19/2020	10/19/2020
	Inoperable	10/22/2020	10/22/2020
	Inoperable	10/26/2020	10/26/2020
	Inoperable	10/29/2020	10/29/2020
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/6/2020	10/14/2020	10/21/2020	10/28/2020	Average	Maximum
Lab pH		-	-	-	6.97	6.94	7.75	6.84	7.13	7.75
Iron, Dissolved	mg/L	-	-	-	0.568	1.320	1.310	1.670	1.217	1.670
Iron, Total	mg/L	-	-	-	3.50	3.58 B	3.10	3.04	3.21	3.58
Acenaphthene	mg/L	-	-	0.420	0.02000	0.02010	0.01940	0.00235 H	0.01550	0.00235
Acenaphthylene	mg/L	-	-	-	0.00772	0.00904	0.00790	0.00116 H	0.00646	0.00904
Anthracene	mg/L	-	-	2.100	0.002430	0.003010	0.003200	0.000386 H	0.002300	0.003200
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.00013**	**0.00017**	**0.00015**	ND	**0.00015**	**0.00017**
Benzo(a)pyrene	mg/L	-	-	0.00023	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	-	-	-	0.000120	0.000129	0.000131	ND	0.000127	0.000131
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.280	0.002460	0.002730	0.002550	0.000418 H	0.002040	0.002730
Fluorene	mg/L	-	-	-	0.011800	0.010500	0.008080	0.000867 H	0.007810	0.011800
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	0.350	0.00068 J	0.00080 J	0.00100 J	0.00160 J, H	0.00102	0.00160 J
o-Cresol	mg/L	-	-	0.350	0.0012 J	0.0010 J	0.0038 J	0.0022 J, H	0.0021	0.0038 J
Phenanthrene	mg/L	-	-	-	0.01660	0.01650	0.01760	0.00204 H	0.01319	0.01760
Pyrene	mg/L	-	-	-	0.003010	0.003120	0.003290	0.000585 H	0.002501	0.003290
Total PNAs except Naphthalene	mg/L	-	-	-	0.0642	0.0653	0.0623	0.0078 H	0.0499	0.0078
Benzene	µg/L	-	-	5	**145**	**167**	**160**	**162**	**159**	**167**
Ethylbenzene	µg/L	-	-	700	73.9	75.6	70.5	68.3	72.1	75.6
m,p-Xylenes	µg/L	-	-	-	48.1	53.7	54	54.3 B	51.9	54.3 B
Naphthalene	µg/L	-	-	25	**391**	**432**	**355**	**425**	**401**	**432**
o-Xylene	µg/L	-	-	-	26.1	28.9	28.9	28.8	28.2	28.9
Toluene	µg/L	-	-	1000	111	130	147	142	133	147
Xylenes, Total	µg/L	-	-	10000	74.2	82.6	82.9	83.1	80.7	83.1

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
E=Value above quantitation range
H=Holding times exceeded

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/6/2020	10/14/2020	10/21/2020	10/28/2020	Average	Maximum
Lab pH		-	-	-	6.93	6.97	7.57	6.82	7.07	7.57
Iron, Dissolved	mg/L	-	-	-	0.0597	0.0531	0.0469	0.0724	0.0580	0.0724
Iron, Total	mg/L	-	-	-	0.0724	0.0573	0.0540	0.1360	0.0799	0.1360
Acenaphthene	mg/L	-	-	-	ND	0.000168	ND	ND	0.000168	0.000168
Acenaphthylene	mg/L	-	-	-	ND	0.000067 J	ND	ND	0.000067 J	0.000067 J
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	-	-	-	5.4	5.2	4.1	5.5	5.1	5.5
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	1.0	1.7	1.0	0.2 B,J	1.0	1.7
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
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
H=Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/6/2020	10/14/2020	10/21/2020	10/28/2020	Average	Maximum
Lab pH		-	-	-	6.91	6.99	7.01	6.84	6.94	7.01
Iron, Dissolved	mg/L	-	1.0	-	ND	0.024 J	0.020 J	0.034 J	0.026	0.034 J
Iron, Total	mg/L	2.0	4.0	-	0.320	0.028 J	0.030 J	0.050	0.107	0.320
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	0.2 B,J	0.2 B,J	0.2 B,J
Naphthalene	µg/L	-	670	-	ND	0.4 J	ND	ND	0.4 J	0.4 J
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
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
S=Spike recovery outside recovery limits
H=Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/6/2020	10/14/2020	10/21/2020	10/28/2020	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	0.1 J	0.1 J	0.1 J
m,p-Xylenes	µg/L	-	-	-	ND	0.2 J	ND	0.4 B,J	0.3	0.4 B,J
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	0.1 J	0.1 J
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	0.4 J	0.4 J	0.4 J

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

MGP Pump & Treat System Summary
Taylorville, Illinois
November 2020

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Nov-20	x100				
1	263,433,000	43,000	WEST	62	52
2	263,476,000	67,100	WEST	60	54
3	263,543,100	122,200	WEST	60	52
4	263,665,300	37,500	WEST	60	54
5	263,702,800	104,400	WEST	60	54
6	263,807,200	82,400	WEST	60	50
7	263,889,600	55,100	WEST	60	52
8	263,944,700	62,500	WEST	62	54
9	264,007,200	42,400	WEST	60	54
10	264,049,600	51,300	WEST	60	54
11	264,100,900	31,200	WEST	60	52
12	264,132,100	55,900	WEST	62	54
13	264,188,000	85,400	WEST	60	50
14	264,273,400	58,200	WEST	62	52
15	264,331,600	36,500	WEST	60	54
16	264,368,100	102,500	WEST	60	54
17	264,470,600	76,300	WEST	60	52
18	264,546,900	36,300	WEST	60	52
19	264,583,200	84,600	WEST	60	54
20	264,667,800	93,000	WEST	60	50
21	264,760,800	85,100	WEST	60	52
22	264,845,900	89,500	WEST	60	52
23	264,935,400	35,500	WEST	60	52
24	264,970,900	94,500	WEST	60	54
25	265,065,400	71,200	WEST	60	50
26	265,136,600	73,600	WEST	60	50
27	265,210,200	69,000	WEST	60	52
28	265,279,200	59,200	WEST	60	52
29	265,338,400	47,700	WEST	60	54
30	265,386,100	56,500	WEST	60	54
Dec-20	265,442,600				

Flow Data	**Gallons**
For Month	2,009,600
To Pond	0
Below Pond	2,009,600
Average	66,987
Maximum	122,200
Minimum	31,200
Total Through Oct	1,287,007,992
Total Through Nov	1,289,017,592

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	11/2/2020	11/2/2020
	Inoperable	11/5/2020	11/5/2020
	Inoperable	11/12/2020	11/12/2020
	Inoperable	11/16/2020	11/16/2020
	Inoperable	11/19/2020	11/19/2020
	Inoperable	11/24/2020	11/24/2020
	Inoperable	11/30/2020	11/30/2020
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goal	11/4/2020	11/11/2020	11/18/2020	11/23/2020	Average	Maximum
Lab pH		-	-	-	6.92	6.81	6.95	6.81	6.87	6.95
Iron, Dissolved	mg/L	-	-	-	0.335	0.994	1.440	1.260	1.007	1.440
Iron, Total	mg/L	-	-	-	3.15	3.08	3.13	3.12	3.12	3.15
Acenaphthene	mg/L	-	-	0.420	0.0213	0.0218	0.0233	0.0229	0.0223	0.0233
Acenaphthylene	mg/L	-	-	-	0.0097	0.0110	0.0123	0.0104	0.0109	0.0123
Anthracene	mg/L	-	-	2.100	0.00340	0.00385	0.00439	0.00420	0.00396	0.00439
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000185**	**0.000184**	**0.000201**	**0.000203**	**0.000193**	**0.000203**
Benzo(a)pyrene	mg/L	-	-	0.00023	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	-	-	-	0.000165	0.000155	0.000167	0.000179	0.000167	0.000179
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.280	0.00276	0.00263	0.00330	0.00352	0.00305	0.00352
Fluorene	mg/L	-	-	-	0.00892	0.01010	0.01070	0.01080	0.01013	0.01080
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	0.350	0.00070 J	0.00065 J	0.00060 J	ND	0.00065	0.00070 J
o-Cresol	mg/L	-	-	0.350	0.0018 J	0.0031 J	0.0021 J	0.0035 J	0.0026	0.0035 J
Phenanthrene	mg/L	-	-	-	0.0199	0.0196	0.0226	0.0247	0.0217	0.0247
Pyrene	mg/L	-	-	-	0.00361	0.00354	0.00437	0.00456	0.00402	0.00456
Total PNAs except Naphthalene	mg/L	-	-	-	0.0700	0.0776	0.0813	0.0814	0.0776	0.0814
Benzene	µg/L	-	-	5	**188**	**183**	**232**	**215**	**205**	**232**
Ethylbenzene	µg/L	-	-	700	61.0	45.5	64.2	55.3	56.5	64.2
m,p-Xylenes	µg/L	-	-	-	48.4	43.3	55.7	47.3	48.7	55.7
Naphthalene	µg/L	-	-	25	**474**	**428**	**473**	**404**	**445**	**474**
o-Xylene	µg/L	-	-	-	27.1	23.9	28.8	25.7	26.4	28.8
Toluene	µg/L	-	-	1000	141	125	163	139	142	163
Xylenes, Total	µg/L	-	-	10000	75.5	67.2	84.5	73.0	75.1	84.5

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
E=Value above quantitation range

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/4/2020	11/11/2020	11/18/2020	11/23/2020	Average	Maximum
Lab pH		-	-	-	6.91	6.81	6.86	6.81	6.85	6.91
Iron, Dissolved	mg/L	-	-	-	0.0419	0.050	0.0521	0.0646	0.0522	0.0646
Iron, Total	mg/L	-	-	-	0.0709	0.0620	0.1040	0.0838	0.0802	0.1040
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	0.000070 J	ND	0.000070 J	0.000070 J
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	0.000042 J	ND	0.000042 J	0.000042 J
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	0.000055 J	ND	0.000055 J	0.000055 J
Chrysene	mg/L	-	-	-	ND	ND	0.000054 J	ND	0.000054 J	0.000054 J
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	-	-	-	5.0	4.5	4.6	4.6	4.7	5.0
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	1.0	0.5 J	0.6	0.6	0.7	1.0
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
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/4/2020	11/11/2020	11/18/2020	11/23/2020	Average	Maximum
Lab pH		-	-	-	6.90	6.83	6.88	6.83	6.86	6.90
Iron, Dissolved	mg/L	-	1.0	-	0.028 J	0.027 J	0.028 J	0.028 J	0.027	0.028 J
Iron, Total	mg/L	2.0	4.0	-	0.033 J	0.033 J	0.040 J	0.031 J	0.034	0.040 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	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 S	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	1.8	ND	1.8	1.8
Ethylbenzene	µg/L	17.0	216	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	0.2 J	ND	ND	0.2 J	0.2 J
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
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
S=Spike recovery outside recovery limits

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/4/2020	11/11/2020	11/18/2020	11/23/2020	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	0.1 J	ND	ND	0.1 J	0.1 J
m,p-Xylenes	µg/L	-	-	-	0.2 J	0.2 J	ND	0.2 J	0.2 J	0.2 J
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
J = Estimated concentration

MGP Pump & Treat System Summary
Taylorville, Illinois
December 2020

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Dec-20	x100				
1	265,442,600	107,800	WEST	60	50
2	265,550,400	35,900	WEST	60	52
3	265,586,300	113,400	WEST	60	54
4	265,699,700	73,800	WEST	50	42
5	265,773,500	82,100	WEST	52	50
6	265,855,600	143,100	WEST	58	52
7	265,998,700	98,900	WEST	58	50
8	266,097,600	107,500	WEST	58	50
9	266,205,100	94,500	WEST	58	50
10	266,299,600	91,300	WEST	58	50
11	266,390,900	55,100	WEST	60	52
12	266,446,000	61,000	WEST	60	52
13	266,507,000	40,400	WEST	60	52
14	266,547,400	56,200	WEST	60	54
15	266,603,600	95,200	WEST	60	52
16	266,698,800	46,300	WEST	60	54
17	266,745,100	103,700	WEST	60	54
18	266,848,800	56,400	WEST	60	50
19	266,905,200	89,600	WEST	60	52
20	266,994,800	27,600	WEST	60	54
21	267,022,400	89,300	WEST	60	54
22	267,111,700	56,900	WEST	60	52
23	267,168,600	38,800	WEST	60	54
24	267,207,400	87,900	WEST	60	54
25	267,295,300	81,600	WEST	60	52
26	267,376,900	66,500	WEST	60	54
27	267,443,400	70,000	WEST	60	54
28	267,513,400	59,800	WEST	60	52
29	267,573,200	92,600	WEST	60	52
30	267,665,800	1,100	WEST	58	48
31	267,666,900	128,400	WEST	50	48
Jan-21	267,795,300				

Flow Data	**Gallons**
For Month	2,352,700
To Pond	0
Below Pond	2,352,700
Average	75,894
Maximum	143,100
Minimum	1,100
Total Through Nov	1,289,017,592
Total Through Dec	1,291,370,292

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	Yes		
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	12/3/2020	12/3/2020
	Inoperable	12/10/2020	12/10/2020
	Inoperable	12/14/2020	12/14/2020
	Inoperable	12/17/2020	12/17/2020
	Inoperable	12/24/2020	12/24/2020
	Inoperable	12/28/2020	12/28/2020
	Inoperable	12/31/2020	12/31/2020
Drum Disposal	None		

Bag filter strainers repaired on 12/31/2020

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2020

Parameter	Units	30 Day Avg Limit	Daily Max	iW Cleanup Goal	12/2/2020	12/9/2020	12/16/2020	12/22/2020	12/30/2020	Average	Maximum
Lab pH		-	-	-	6.83	6.91	6.91	6.67	6.57	6.78	6.91
Iron, Dissolved	mg/L	-	-	-	1.600	1.200	0.864	1.770	1.320	1.351	1.770
Iron, Total	mg/L	-	-	-	2.79	3.12	2.68	3.35	3.03	2.99	3.35
Acenaphthene	mg/L	-	-	0.420	0.0198	0.0171	0.0185	0.0185	0.0197	0.0187	0.0198
Acenaphthylene	mg/L	-	-	-	0.00913	0.00810	0.00989	0.01050	0.00845	0.00921	0.01050
Anthracene	mg/L	-	-	2.100	0.00441	0.00331	0.00307	0.00365	0.00385	0.00366	0.00441
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000172**	**0.000181**	**0.00018**	**0.000195**	**0.000178**	**0.000181**	**0.000195**
Benzo(a)pyrene	mg/L	-	-	0.00023	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	-	-	-	0.000115	0.000143	0.000153	0.000162	0.000146	0.000144	0.000162
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.280	0.00338	0.00240	0.00253	0.00279	0.00291	0.00280	0.00338
Fluorene	mg/L	-	-	-	0.01060	0.00854	0.00975	0.00919	0.01010	0.00964	0.01060
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	0.350	0.00078 J	0.00150 J	0.00069 J	ND	0.00075 J	0.00093	0.00150 J
o-Cresol	mg/L	-	-	0.350	0.0044 J	ND	0.0017	ND	0.0050 J	0.0037	0.0050 J
Phenanthrene	mg/L	-	-	-	0.0226	0.0193	0.0193	0.0210	0.0216	0.0208	0.0226
Pyrene	mg/L	-	-	-	0.00421	0.00294	0.00298	0.00340	0.00346	0.00340	0.00421
Total PNAs except Naphthalene	mg/L	-	-	-	0.0744	0.0620	0.0663	0.0694	0.0704	0.0685	0.0744
Benzene	µg/L	-	-	5	**254**	**226**	**241**	**279**	**244**	**249**	**279**
Ethylbenzene	µg/L	-	-	700	55.0	58.3	56.0	71.2	51.2	58.3	71.2
m,p-Xylenes	µg/L	-	-	-	50.5	50.6	50.6	60.5	45.9	51.6	60.5
Naphthalene	µg/L	-	-	25	**403**	**446**	**504**	**552**	**390**	**459**	**552**
o-Xylene	µg/L	-	-	-	25.9	25.9	26.6	31.6	24.7	26.9	31.6
Toluene	µg/L	-	-	1000	166	152	150	178	138	157	178
Xylenes, Total	µg/L	-	-	10000	76.4	76.5	77.2	92.1	70.6	78.6	92.1

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
E=Value above quantitation range

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/2/2020	12/9/2020	12/16/2020	12/22/2020	12/30/2020	Average	Maximum
Lab pH		-	-	-	6.73	6.82	6.83	6.75	6.69	6.76	6.83
Iron, Dissolved	mg/L	-	-	-	0.0529	0.0310	0.0300 J	0.03600 J	0.0464	0.3926	0.5290
Iron, Total	mg/L	-	-	-	0.0751	0.0453	0.0405	0.0380 J	0.0582	0.05142	0.0751
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	0.000044 J	ND	ND	0.000044 J	0.000044 J
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	0.000062 J	ND	ND	0.000062 J	0.000062 J
Chrysene	mg/L	-	-	-	ND	ND	0.000068 J	ND	ND	0.000068 J	0.000068 J
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	0.00007 J	ND	ND	0.00007 J	0.00007 J
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	ND	ND	ND	ND
Benzene	µg/L	-	-	-	4.3	9.8	9.1	8.6	8.2	8.0	9.8
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	-	-	-	0.5 J	0.6	0.5 J	0.6 J	1.1	0.7	1.1
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
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/2/2020	12/9/2020	12/16/2020	12/22/2020	12/30/2020	Average	Maximum
Lab pH		-	-	-	7.30	6.84	6.83	6.81	6.74	6.90	7.30
Iron, Dissolved	mg/L	-	1.0	-	0.022 J	0.024 J	0.025 J	0.025 J	0.022 J	0.024	0.025 J
Iron, Total	mg/L	2.0	4.0	-	0.030 J	0.031 J	0.028 J	0.025 J	0.024 J	0.028	0.031 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 S	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	ND	ND	ND	ND
Benzene	µg/L	-	50.00	-	ND	ND	ND R	ND	ND	ND	ND
Ethylbenzene	µg/L	17.0	216	-	ND	ND	ND R	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND R	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND R	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND R	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND R	ND	ND	ND	ND

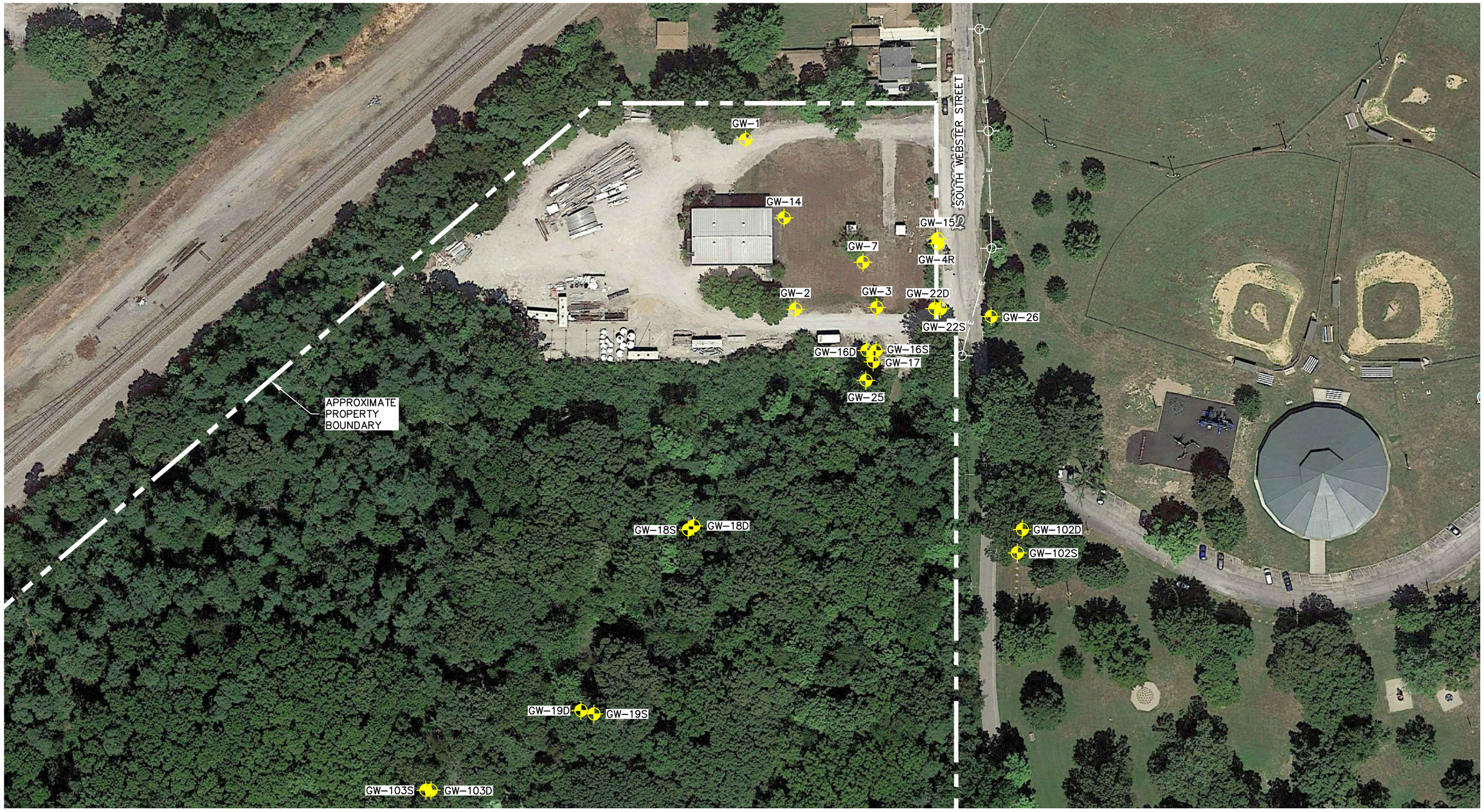
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
S=Spike recovery outside recovery limits

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2020

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/2/2020	12/9/2020	12/16/2020	12/22/2020	12/30/2020	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	0.2 J	ND	ND	ND	ND	0.2 J	0.2 J
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
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
J = Estimated concentration

MONITORING WELL LOCATION MAP



LEGEND

- MONITORING WELL
- POWER POLES
- OVERHEAD POWER LINES

N

0 100 200

SCALE (IN FEET)

Drawn By	GML
CADD Review	FG
Date Drawn/Rev'd	9/27/19 – 1/26/21

ERM®

FORMER CIPS MGP SITE

917 SOUTH WEBSTER STREET
TAYLORVILLE, ILLINOIS

Environmental Resources Management

CHK'D	BC
	0496580
	FIGURE 1

Q:\Team\DMM\Clnt-D\AMEREN SERVICES\0496580\0496580-01.dwg, MW LOCATION MAP, 1/26/2021 11:18:43 AM, FAK - Holland, Mi.

Environmental Resources Management

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

January 7, 2021

Mr. Dave Palmer
Ameren Services Company
Manager, Remediation Projects
Environmental Strategy & Analysis
1901 Chouteau Avenue / MC 602
St. Louis, Missouri 63103

RE: Year 2020 Quarter 4 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois

Dear Dave:

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.

The results from the fourth quarter of groundwater sampling in 2020 at the Taylorville site is provided in Attachment A. 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 the highest level of impacts exceeding applicable Remediation Objectives (ROs) as defined by the Illinois Environmental Protection Agency (IEPA) are noted primarily at monitoring well GW-4R. At this location, the naphthalene concentration continues to trend downwards following the spike observed during the May 2020 event, but still elevated above the average observed concentrations. Benzene concentrations continue to trend downwards compared to the May and August 2020 data, and are lower than what has been observed historically. Both of these parameters have concentrations exceeding the ROs. Concentrations of benzene, ethylbenzene, and total xylenes in Monitoring Well GW-3 continue to be elevated, with concentrations exceeding the ROs for benzene and naphthalene. Bis(2-ethylhexyl)phthalate was detected at monitoring wells GW-05, GW-07, GW-14, and GW-16D at concentrations exceeding the RO. Bis(2-ethylhexyl)phthalate has historically been detected in concentrations exceeding the RO both on and off-site, but is not considered to be a significant contaminant of concern (COC). With the exception of Bis(2-ethylhexyl)phthalate at GW-16D, wells on the downgradient edge of the site did not have any other exceedances to the ROs, including wells GW-16S, GW-16D, GW-17, GW-22S, GW-22D, GW-25, and GW-26.

Consistent with previous sampling events, polynuclear aromatic hydrocarbons (PAHs) including benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were observed at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were not observed at this location. VOCs would also be expected at GW-20 if the observed PAHs were related to the MGP. Analytical services were provided by Teklab, Inc. 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 (314) 952-2760.

Sincerely,

Matt Halley, CHMM
Project Scientist

ATTACHMENT A

ANALYTICAL RESULTS
NOVEMBER 2020

November 19, 2020

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

Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Ameren Taylorville 4th Qtr 2020 **WorkOrder:** 20110773

Dear Brett Carney:

TEKLAB, INC received 26 samples on 11/12/2020 10:45:00 AM 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,

Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: ERM

Work Order: 20110773

Client Project: Ameren Taylorville 4th Qtr 2020

Report Date: 19-Nov-20

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Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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
NC	Data is not acceptable for compliance purposes
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		

Case Narrative

http://www.teklabinc.com/

Client: ERM

Work Order: 20110773

Client Project: Ameren Taylorville 4th Qtr 2020

Report Date: 19-Nov-20

Cooler Receipt Temp: 2.2 °C

Locations

Collinsville

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

Springfield

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

Kansas City

Address	8421 Nieman Road Lenexa, KS 66214
Phone	(913) 541-1998
Fax	(913) 541-1998
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

Chicago

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

Accreditations

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2021	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2021	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2021	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2021	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2021	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2021	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 11/11/2020 7:45

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	11/13/2020 1:46	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 1:46	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 1:46	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 1:46	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 1:46	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 1:46	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 1:46	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 1:46	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 1:46	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 1:46	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 1:46	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 1:46	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 1:46	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**64.4**	%REC	1	11/13/2020 1:46	171130
Surr: Nitrobenzene-d5	*	15-163		**75.0**	%REC	1	11/13/2020 1:46	171130
Surr: p-Terphenyl-d14	*	10-173		**81.6**	%REC	1	11/13/2020 1:46	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2020 17:25	171142
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:25	171142
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/12/2020 17:25	171142
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/12/2020 17:25	171142
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:25	171142
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:25	171142
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/12/2020 17:25	171142
Toluene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:25	171142
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:25	171142
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:25	171142
Surr: 1,2-Dichloroethane-d4	*	80-120		**109.3**	%REC	1	11/12/2020 17:25	171142
Surr: 4-Bromofluorobenzene	*	80-120		**108.3**	%REC	1	11/12/2020 17:25	171142
Surr: Dibromofluoromethane	*	80-120		**101.4**	%REC	1	11/12/2020 17:25	171142
Surr: Toluene-d8	*	80-120		**103.9**	%REC	1	11/12/2020 17:25	171142

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 11/11/2020 7:10

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	11/13/2020 2:27	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 2:27	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 2:27	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 2:27	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 2:27	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 2:27	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 2:27	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 2:27	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 2:27	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 2:27	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 2:27	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 2:27	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 2:27	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.3**	%REC	1	11/13/2020 2:27	171130
Surr: Nitrobenzene-d5	*	15-163		**78.1**	%REC	1	11/13/2020 2:27	171130
Surr: p-Terphenyl-d14	*	10-173		**93.0**	%REC	1	11/13/2020 2:27	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2020 17:51	171142
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:51	171142
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/12/2020 17:51	171142
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/12/2020 17:51	171142
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:51	171142
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:51	171142
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/12/2020 17:51	171142
Toluene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:51	171142
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:51	171142
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/12/2020 17:51	171142
Surr: 1,2-Dichloroethane-d4	*	80-120		**110.3**	%REC	1	11/12/2020 17:51	171142
Surr: 4-Bromofluorobenzene	*	80-120		**108.1**	%REC	1	11/12/2020 17:51	171142
Surr: Dibromofluoromethane	*	80-120		**100.8**	%REC	1	11/12/2020 17:51	171142
Surr: Toluene-d8	*	80-120		**102.3**	%REC	1	11/12/2020 17:51	171142

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 11/10/2020 7:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000473**	mg/L	1	11/13/2020 3:08	171130
Acenaphthylene	NELAP	0.000100		**0.00183**	mg/L	1	11/13/2020 3:08	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 3:08	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:08	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:08	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:08	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 3:08	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:08	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 3:08	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:08	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:08	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 3:08	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 3:08	171130
Fluorene	NELAP	0.000200		**0.00120**	mg/L	1	11/13/2020 3:08	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:08	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 3:08	171130
Naphthalene	NELAP	0.0400		**0.128**	mg/L	100	11/14/2020 13:26	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 3:08	171130
Phenanthrene	NELAP	0.000600		**0.000605**	mg/L	1	11/13/2020 3:08	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 3:08	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**34.3**	%REC	1	11/13/2020 3:08	171130
Surr: Nitrobenzene-d5	*	15-163		**41.2**	%REC	1	11/13/2020 3:08	171130
Surr: p-Terphenyl-d14	*	10-173		**53.9**	%REC	1	11/13/2020 3:08	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**16.2**	µg/L	1	11/12/2020 18:17	171142
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2020 18:17	171142
Ethylbenzene	NELAP	1.00		**21.6**	µg/L	1	11/12/2020 18:17	171142
m,p-Xylenes	NELAP	1.00		**9.33**	µg/L	1	11/12/2020 18:17	171142
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2020 18:17	171142
Naphthalene	NELAP	20.0		**924**	µg/L	10	11/13/2020 13:28	171187
o-Xylene	NELAP	1.00		**31.0**	µg/L	1	11/12/2020 18:17	171142
Toluene	NELAP	2.00		**2.34**	µg/L	1	11/12/2020 18:17	171142
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 18:17	171142
Xylenes, Total	NELAP	2.00		**40.4**	µg/L	1	11/12/2020 18:17	171142
Surr: 1,2-Dichloroethane-d4	*	80-120		**111.4**	%REC	1	11/12/2020 18:17	171142
Surr: 4-Bromofluorobenzene	*	80-120		**105.9**	%REC	1	11/12/2020 18:17	171142
Surr: Dibromofluoromethane	*	80-120		**100.0**	%REC	1	11/12/2020 18:17	171142
Surr: Toluene-d8	*	80-120		**102.9**	%REC	1	11/12/2020 18:17	171142

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 11/10/2020 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00250		**0.0148**	mg/L	25	11/14/2020 14:07	171130
Acenaphthylene	NELAP	0.000100		**0.00144**	mg/L	1	11/13/2020 3:49	171130
Anthracene	NELAP	0.000300		**0.000536**	mg/L	1	11/13/2020 3:49	171130
Benzo(a)anthracene	NELAP	0.000100		**0.000142**	mg/L	1	11/13/2020 3:49	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:49	171130
Benzo(b)fluoranthene	NELAP	0.000100		**0.000139**	mg/L	1	11/13/2020 3:49	171130
Benzo(g,h,i)perylene	NELAP	0.00020	J	**0.000053**	mg/L	1	11/13/2020 3:49	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:49	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 3:49	171130
Chrysene	NELAP	0.000100		**0.000401**	mg/L	1	11/13/2020 3:49	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:49	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 3:49	171130
Fluoranthene	NELAP	0.000300		**0.00265**	mg/L	1	11/13/2020 3:49	171130
Fluorene	NELAP	0.00500		**0.0399**	mg/L	25	11/14/2020 14:07	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 3:49	171130
m,p-Cresol	NELAP	0.010	J	**0.00075**	mg/L	1	11/13/2020 3:49	171130
Naphthalene	NELAP	0.400		**1.50**	mg/L	1000	11/14/2020 14:48	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 3:49	171130
Phenanthrene	NELAP	0.0150		**0.0383**	mg/L	25	11/14/2020 14:07	171130
Pyrene	NELAP	0.000200		**0.00143**	mg/L	1	11/13/2020 3:49	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**27.0**	%REC	1	11/13/2020 3:49	171130
Surr: Nitrobenzene-d5	*	15-163		**31.7**	%REC	1	11/13/2020 3:49	171130
Surr: p-Terphenyl-d14	*	10-173		**51.6**	%REC	1	11/13/2020 3:49	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	50.0		**399**	µg/L	100	11/13/2020 15:13	171187
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2020 18:43	171142
Ethylbenzene	NELAP	100		**180**	µg/L	100	11/13/2020 15:13	171187
m,p-Xylenes	NELAP	1.00		**168**	µg/L	1	11/12/2020 18:43	171142
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2020 18:43	171142
Naphthalene	NELAP	200		**4130**	µg/L	100	11/13/2020 15:13	171187
o-Xylene	NELAP	1.00		**192**	µg/L	1	11/12/2020 18:43	171142
Toluene	NELAP	2.00		**125**	µg/L	1	11/12/2020 18:43	171142
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 18:43	171142
Xylenes, Total	NELAP	2.00		**359**	µg/L	1	11/12/2020 18:43	171142
Surr: 1,2-Dichloroethane-d4	*	80-120	S	**127.2**	%REC	1	11/12/2020 18:43	171142
Surr: 4-Bromofluorobenzene	*	80-120		**95.4**	%REC	1	11/12/2020 18:43	171142
Surr: Dibromofluoromethane	*	80-120		**97.3**	%REC	1	11/12/2020 18:43	171142
Surr: Toluene-d8	*	80-120		**102.4**	%REC	1	11/12/2020 18:43	171142

Surrogate recovery is outside control limits due to matrix interference.

Laboratory Results

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Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 11/11/2020 9:45

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	11/13/2020 4:30	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 4:30	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 4:30	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00400	S	**0.00845**	mg/L	2	11/14/2020 15:29	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 4:30	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 4:30	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 4:30	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 4:30	171130
m,p-Cresol	NELAP	0.0100	R	**ND**	mg/L	1	11/13/2020 4:30	171130
Naphthalene	NELAP	0.000400	S	**0.00159**	mg/L	1	11/13/2020 4:30	171130
o-Cresol	NELAP	0.0100	SR	**ND**	mg/L	1	11/13/2020 4:30	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 4:30	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 4:30	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.7**	%REC	1	11/13/2020 4:30	171130
Surr: Nitrobenzene-d5	*	15-163		**83.3**	%REC	1	11/13/2020 4:30	171130
Surr: p-Terphenyl-d14	*	10-173		**103.8**	%REC	1	11/13/2020 4:30	171130

Matrix spike and RPD for MS/MSD did not recover within control limits due to sample composition.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2020 19:10	171142
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2020 19:10	171142
Ethylbenzene	NELAP	1.0	J	**0.25**	µg/L	1	11/12/2020 19:10	171142
m,p-Xylenes	NELAP	1.0	J	**0.29**	µg/L	1	11/12/2020 19:10	171142
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2020 19:10	171142
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/17/2020 15:16	171142
o-Xylene	NELAP	1.0	JS	**0.17**	µg/L	1	11/12/2020 19:10	171142
Toluene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 19:10	171142
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 19:10	171142
Xylenes, Total	NELAP	2.0	J	**0.46**	µg/L	1	11/12/2020 19:10	171142
Surr: 1,2-Dichloroethane-d4	*	80-120		**107.7**	%REC	1	11/12/2020 19:10	171142
Surr: 4-Bromofluorobenzene	*	80-120		**106.5**	%REC	1	11/12/2020 19:10	171142
Surr: Dibromofluoromethane	*	80-120		**102.2**	%REC	1	11/12/2020 19:10	171142
Surr: Toluene-d8	*	80-120		**103.8**	%REC	1	11/12/2020 19:10	171142

Matrix spike did not recover within control limits due to matrix interference.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 11/10/2020 12:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00010	J	**0.000076**	mg/L	1	11/13/2020 6:34	171130
Acenaphthylene	NELAP	0.000100		**0.000142**	mg/L	1	11/13/2020 6:34	171130
Anthracene	NELAP	0.000300		**0.00120**	mg/L	1	11/13/2020 6:34	171130
Benzo(a)anthracene	NELAP	0.000100		**0.000155**	mg/L	1	11/13/2020 6:34	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 6:34	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 6:34	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 6:34	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 6:34	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00655**	mg/L	2	11/14/2020 19:33	171130
Chrysene	NELAP	0.000100		**0.000112**	mg/L	1	11/13/2020 6:34	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 6:34	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 6:34	171130
Fluoranthene	NELAP	0.000300		**0.00119**	mg/L	1	11/13/2020 6:34	171130
Fluorene	NELAP	0.000200		**0.000278**	mg/L	1	11/13/2020 6:34	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 6:34	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 6:34	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 6:34	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 6:34	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 6:34	171130
Pyrene	NELAP	0.000200		**0.00185**	mg/L	1	11/13/2020 6:34	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**75.5**	%REC	1	11/13/2020 6:34	171130
Surr: Nitrobenzene-d5	*	15-163		**85.3**	%REC	1	11/13/2020 6:34	171130
Surr: p-Terphenyl-d14	*	10-173		**88.3**	%REC	1	11/13/2020 6:34	171130
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2020 20:30	171142
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2020 20:30	171142
Ethylbenzene	NELAP	1.0	J	**0.12**	µg/L	1	11/12/2020 20:30	171142
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/12/2020 20:30	171142
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2020 20:30	171142
Naphthalene	NELAP	2.0	J	**1.4**	µg/L	1	11/12/2020 20:30	171142
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/12/2020 20:30	171142
Toluene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 20:30	171142
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2020 20:30	171142
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/12/2020 20:30	171142
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.6**	%REC	1	11/12/2020 20:30	171142
Surr: 4-Bromofluorobenzene	*	80-120		**107.5**	%REC	1	11/12/2020 20:30	171142
Surr: Dibromofluoromethane	*	80-120		**101.9**	%REC	1	11/12/2020 20:30	171142
Surr: Toluene-d8	*	80-120		**102.5**	%REC	1	11/12/2020 20:30	171142

Laboratory Results

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Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 11/10/2020 17:25

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	11/13/2020 7:16	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 7:16	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 7:16	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00766**	mg/L	2	11/14/2020 20:14	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 7:16	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 7:16	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 7:16	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:16	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 7:16	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 7:16	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 7:16	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 7:16	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 7:16	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**81.2**	%REC	1	11/13/2020 7:16	171130
Surr: Nitrobenzene-d5	*	15-163		**80.8**	%REC	1	11/13/2020 7:16	171130
Surr: p-Terphenyl-d14	*	10-173		**102.7**	%REC	1	11/13/2020 7:16	171130
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 0:03	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:03	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:03	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:03	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:03	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 0:03	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:03	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:03	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:03	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:03	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.0**	%REC	1	11/13/2020 0:03	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.1**	%REC	1	11/13/2020 0:03	171145
Surr: Dibromofluoromethane	*	80-120		**101.4**	%REC	1	11/13/2020 0:03	171145
Surr: Toluene-d8	*	80-120		**102.5**	%REC	1	11/13/2020 0:03	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 11/10/2020 9:50

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	11/13/2020 7:59	171130
Acenaphthylene	NELAP	0.00010	J	**0.000081**	mg/L	1	11/13/2020 7:59	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 7:59	171130
Benzo(a)anthracene	NELAP	0.00010	J	**0.000084**	mg/L	1	11/13/2020 7:59	171130
Benzo(a)pyrene	NELAP	0.00010	J	**0.000069**	mg/L	1	11/13/2020 7:59	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:59	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 7:59	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:59	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 7:59	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:59	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:59	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 7:59	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 7:59	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 7:59	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 7:59	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 7:59	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 7:59	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 7:59	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 7:59	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 7:59	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.3**	%REC	1	11/13/2020 7:59	171130
Surr: Nitrobenzene-d5	*	15-163		**90.2**	%REC	1	11/13/2020 7:59	171130
Surr: p-Terphenyl-d14	*	10-173		**95.7**	%REC	1	11/13/2020 7:59	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 0:30	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:30	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:30	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:30	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:30	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 0:30	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:30	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:30	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:30	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:30	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.8**	%REC	1	11/13/2020 0:30	171145
Surr: 4-Bromofluorobenzene	*	80-120		**106.5**	%REC	1	11/13/2020 0:30	171145
Surr: Dibromofluoromethane	*	80-120		**102.1**	%REC	1	11/13/2020 0:30	171145
Surr: Toluene-d8	*	80-120		**103.1**	%REC	1	11/13/2020 0:30	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 11/09/2020 14:15

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	11/13/2020 8:42	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 8:42	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 8:42	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00589**	mg/L	2	11/14/2020 20:55	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 8:42	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 8:42	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 8:42	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 8:42	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 8:42	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 8:42	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 8:42	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 8:42	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 8:42	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.2**	%REC	1	11/13/2020 8:42	171130
Surr: Nitrobenzene-d5	*	15-163		**88.4**	%REC	1	11/13/2020 8:42	171130
Surr: p-Terphenyl-d14	*	10-173		**99.7**	%REC	1	11/13/2020 8:42	171130
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 0:56	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:56	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:56	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:56	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:56	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 0:56	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 0:56	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:56	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:56	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 0:56	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**113.2**	%REC	1	11/13/2020 0:56	171145
Surr: 4-Bromofluorobenzene	*	80-120		**106.5**	%REC	1	11/13/2020 0:56	171145
Surr: Dibromofluoromethane	*	80-120		**101.8**	%REC	1	11/13/2020 0:56	171145
Surr: Toluene-d8	*	80-120		**101.8**	%REC	1	11/13/2020 0:56	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 11/09/2020 13:30

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	11/13/2020 9:25	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 9:25	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 9:25	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.0100	C	**0.0110**	mg/L	5	11/14/2020 21:36	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 9:25	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 9:25	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 9:25	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 9:25	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 9:25	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 9:25	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 9:25	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 9:25	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 9:25	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**78.8**	%REC	1	11/13/2020 9:25	171130
Surr: Nitrobenzene-d5	*	15-163		**80.4**	%REC	1	11/13/2020 9:25	171130
Surr: p-Terphenyl-d14	*	10-173		**92.0**	%REC	1	11/13/2020 9:25	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 1:22	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:22	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 1:22	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 1:22	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:22	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 1:22	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 1:22	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:22	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:22	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:22	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**114.2**	%REC	1	11/13/2020 1:22	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.5**	%REC	1	11/13/2020 1:22	171145
Surr: Dibromofluoromethane	*	80-120		**101.6**	%REC	1	11/13/2020 1:22	171145
Surr: Toluene-d8	*	80-120		**103.1**	%REC	1	11/13/2020 1:22	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 11/11/2020 11:05

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	11/13/2020 10:08	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 10:08	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 10:08	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 10:08	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 10:08	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 10:08	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 10:08	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 10:08	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 10:08	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 10:08	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 10:08	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 10:08	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 10:08	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**73.6**	%REC	1	11/13/2020 10:08	171130
Surr: Nitrobenzene-d5	*	15-163		**86.3**	%REC	1	11/13/2020 10:08	171130
Surr: p-Terphenyl-d14	*	10-173		**97.8**	%REC	1	11/13/2020 10:08	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 1:49	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:49	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 1:49	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 1:49	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:49	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 1:49	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 1:49	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:49	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:49	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 1:49	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**114.0**	%REC	1	11/13/2020 1:49	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.5**	%REC	1	11/13/2020 1:49	171145
Surr: Dibromofluoromethane	*	80-120		**102.6**	%REC	1	11/13/2020 1:49	171145
Surr: Toluene-d8	*	80-120		**101.4**	%REC	1	11/13/2020 1:49	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 11/11/2020 13:45

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	11/13/2020 13:00	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 13:00	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 13:00	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00299**	mg/L	1	11/13/2020 13:00	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 13:00	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 13:00	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 13:00	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:00	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 13:00	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 13:00	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 13:00	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 13:00	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 13:00	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**68.3**	%REC	1	11/13/2020 13:00	171130
Surr: Nitrobenzene-d5	*	15-163		**84.1**	%REC	1	11/13/2020 13:00	171130
Surr: p-Terphenyl-d14	*	10-173		**103.2**	%REC	1	11/13/2020 13:00	171130
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 2:16	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:16	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 2:16	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 2:16	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:16	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 2:16	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 2:16	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:16	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:16	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:16	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.5**	%REC	1	11/13/2020 2:16	171145
Surr: 4-Bromofluorobenzene	*	80-120		**106.3**	%REC	1	11/13/2020 2:16	171145
Surr: Dibromofluoromethane	*	80-120		**101.8**	%REC	1	11/13/2020 2:16	171145
Surr: Toluene-d8	*	80-120		**105.2**	%REC	1	11/13/2020 2:16	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 11/11/2020 13:10

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	11/13/2020 13:42	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 13:42	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 13:42	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00331**	mg/L	1	11/13/2020 13:42	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 13:42	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 13:42	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 13:42	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 13:42	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 13:42	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 13:42	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 13:42	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 13:42	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 13:42	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.4**	%REC	1	11/13/2020 13:42	171130
Surr: Nitrobenzene-d5	*	15-163		**78.1**	%REC	1	11/13/2020 13:42	171130
Surr: p-Terphenyl-d14	*	10-173		**101.3**	%REC	1	11/13/2020 13:42	171130
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 2:42	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:42	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 2:42	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 2:42	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:42	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 2:42	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 2:42	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:42	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:42	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 2:42	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**114.1**	%REC	1	11/13/2020 2:42	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.8**	%REC	1	11/13/2020 2:42	171145
Surr: Dibromofluoromethane	*	80-120		**101.6**	%REC	1	11/13/2020 2:42	171145
Surr: Toluene-d8	*	80-120		**102.6**	%REC	1	11/13/2020 2:42	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 11/10/2020 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	11/13/2020 20:23	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 20:23	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 20:23	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 20:23	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 20:23	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 20:23	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 20:23	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 20:23	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 20:23	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 20:23	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 20:23	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 20:23	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 20:23	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.8**	%REC	1	11/13/2020 20:23	171130
Surr: Nitrobenzene-d5	*	15-163		**81.3**	%REC	1	11/13/2020 20:23	171130
Surr: p-Terphenyl-d14	*	10-173		**93.8**	%REC	1	11/13/2020 20:23	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 3:08	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:08	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 3:08	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 3:08	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:08	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 3:08	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 3:08	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:08	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:08	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:08	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.9**	%REC	1	11/13/2020 3:08	171145
Surr: 4-Bromofluorobenzene	*	80-120		**105.9**	%REC	1	11/13/2020 3:08	171145
Surr: Dibromofluoromethane	*	80-120		**101.6**	%REC	1	11/13/2020 3:08	171145
Surr: Toluene-d8	*	80-120		**101.6**	%REC	1	11/13/2020 3:08	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 11/10/2020 15:30

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	11/13/2020 21:04	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 21:04	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 21:04	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 21:04	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 21:04	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 21:04	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 21:04	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 21:04	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 21:04	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 21:04	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 21:04	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 21:04	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 21:04	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**64.7**	%REC	1	11/13/2020 21:04	171130
Surr: Nitrobenzene-d5	*	15-163		**75.2**	%REC	1	11/13/2020 21:04	171130
Surr: p-Terphenyl-d14	*	10-173		**82.6**	%REC	1	11/13/2020 21:04	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 3:34	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:34	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 3:34	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 3:34	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:34	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 3:34	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 3:34	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:34	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:34	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 3:34	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**113.2**	%REC	1	11/13/2020 3:34	171145
Surr: 4-Bromofluorobenzene	*	80-120		**108.4**	%REC	1	11/13/2020 3:34	171145
Surr: Dibromofluoromethane	*	80-120		**101.4**	%REC	1	11/13/2020 3:34	171145
Surr: Toluene-d8	*	80-120		**103.0**	%REC	1	11/13/2020 3:34	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 11/10/2020 14:15

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	11/13/2020 21:44	171130
Acenaphthylene	NELAP	0.000100		**0.000155**	mg/L	1	11/13/2020 21:44	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 21:44	171130
Benzo(a)anthracene	NELAP	0.000100		**0.000141**	mg/L	1	11/13/2020 21:44	171130
Benzo(a)pyrene	NELAP	0.000100		**0.000505**	mg/L	1	11/13/2020 21:44	171130
Benzo(b)fluoranthene	NELAP	0.000100		**0.000342**	mg/L	1	11/13/2020 21:44	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**0.000547**	mg/L	1	11/13/2020 21:44	171130
Benzo(k)fluoranthene	NELAP	0.00010	J	**0.000085**	mg/L	1	11/13/2020 21:44	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 21:44	171130
Chrysene	NELAP	0.000100		**0.000183**	mg/L	1	11/13/2020 21:44	171130
Dibenzo(a,h)anthracene	NELAP	0.00010	J	**0.000080**	mg/L	1	11/13/2020 21:44	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 21:44	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 21:44	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 21:44	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**0.000319**	mg/L	1	11/13/2020 21:44	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 21:44	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 21:44	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 21:44	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 21:44	171130
Pyrene	NELAP	0.000200		**0.000328**	mg/L	1	11/13/2020 21:44	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.8**	%REC	1	11/13/2020 21:44	171130
Surr: Nitrobenzene-d5	*	15-163		**84.4**	%REC	1	11/13/2020 21:44	171130
Surr: p-Terphenyl-d14	*	10-173		**66.5**	%REC	1	11/13/2020 21:44	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 4:01	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:01	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:01	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:01	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:01	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 4:01	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:01	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:01	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:01	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:01	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.6**	%REC	1	11/13/2020 4:01	171145
Surr: 4-Bromofluorobenzene	*	80-120		**105.9**	%REC	1	11/13/2020 4:01	171145
Surr: Dibromofluoromethane	*	80-120		**101.1**	%REC	1	11/13/2020 4:01	171145
Surr: Toluene-d8	*	80-120		**102.8**	%REC	1	11/13/2020 4:01	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 11/11/2020 8:30

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	11/13/2020 22:26	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 22:26	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 22:26	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 22:26	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 22:26	171130
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000074**	mg/L	1	11/13/2020 22:26	171130
Benzo(g,h,i)perylene	NELAP	0.00020	J	**0.000054**	mg/L	1	11/13/2020 22:26	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 22:26	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 22:26	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 22:26	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 22:26	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 22:26	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 22:26	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 22:26	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 22:26	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 22:26	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 22:26	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 22:26	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 22:26	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 22:26	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**64.1**	%REC	1	11/13/2020 22:26	171130
Surr: Nitrobenzene-d5	*	15-163		**78.5**	%REC	1	11/13/2020 22:26	171130
Surr: p-Terphenyl-d14	*	10-173		**74.6**	%REC	1	11/13/2020 22:26	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 4:27	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:27	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:27	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:27	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:27	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 4:27	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:27	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:27	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:27	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:27	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.7**	%REC	1	11/13/2020 4:27	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.7**	%REC	1	11/13/2020 4:27	171145
Surr: Dibromofluoromethane	*	80-120		**101.5**	%REC	1	11/13/2020 4:27	171145
Surr: Toluene-d8	*	80-120		**102.7**	%REC	1	11/13/2020 4:27	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 11/09/2020 15:10

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	11/13/2020 23:08	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 23:08	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 23:08	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00517**	mg/L	2	11/16/2020 20:19	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 23:08	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 23:08	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 23:08	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:08	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 23:08	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 23:08	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 23:08	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 23:08	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 23:08	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**73.6**	%REC	1	11/13/2020 23:08	171130
Surr: Nitrobenzene-d5	*	15-163		**76.7**	%REC	1	11/13/2020 23:08	171130
Surr: p-Terphenyl-d14	*	10-173		**83.7**	%REC	1	11/13/2020 23:08	171130
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 4:54	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:54	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:54	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:54	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:54	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 4:54	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 4:54	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:54	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:54	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 4:54	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**113.6**	%REC	1	11/13/2020 4:54	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.9**	%REC	1	11/13/2020 4:54	171145
Surr: Dibromofluoromethane	*	80-120		**101.4**	%REC	1	11/13/2020 4:54	171145
Surr: Toluene-d8	*	80-120		**103.4**	%REC	1	11/13/2020 4:54	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 11/09/2020 16:10

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	11/13/2020 23:48	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 23:48	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 23:48	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/13/2020 23:48	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 23:48	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2020 23:48	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 23:48	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/13/2020 23:48	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 23:48	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2020 23:48	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2020 23:48	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2020 23:48	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2020 23:48	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**71.0**	%REC	1	11/13/2020 23:48	171130
Surr: Nitrobenzene-d5	*	15-163		**76.6**	%REC	1	11/13/2020 23:48	171130
Surr: p-Terphenyl-d14	*	10-173		**84.4**	%REC	1	11/13/2020 23:48	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 5:20	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:20	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 5:20	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 5:20	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:20	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 5:20	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 5:20	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:20	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:20	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:20	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**111.7**	%REC	1	11/13/2020 5:20	171145
Surr: 4-Bromofluorobenzene	*	80-120		**106.0**	%REC	1	11/13/2020 5:20	171145
Surr: Dibromofluoromethane	*	80-120		**102.0**	%REC	1	11/13/2020 5:20	171145
Surr: Toluene-d8	*	80-120		**103.7**	%REC	1	11/13/2020 5:20	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-020
Client Sample ID: GW-19D DUP
Matrix: GROUNDWATER
Collection Date: 11/10/2020 15:30

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	11/14/2020 0:29	171130
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 0:29	171130
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 0:29	171130
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/14/2020 0:29	171130
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 0:29	171130
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 0:29	171130
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 0:29	171130
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 0:29	171130
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 0:29	171130
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/14/2020 0:29	171130
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 0:29	171130
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/14/2020 0:29	171130
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 0:29	171130
Surr: 2-Fluorobiphenyl	*	21.4-142		**70.8**	%REC	1	11/14/2020 0:29	171130
Surr: Nitrobenzene-d5	*	15-163		**76.6**	%REC	1	11/14/2020 0:29	171130
Surr: p-Terphenyl-d14	*	10-173		**101.8**	%REC	1	11/14/2020 0:29	171130

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 5:47	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:47	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 5:47	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 5:47	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:47	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 5:47	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 5:47	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:47	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:47	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 5:47	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.1**	%REC	1	11/13/2020 5:47	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.6**	%REC	1	11/13/2020 5:47	171145
Surr: Dibromofluoromethane	*	80-120		**100.5**	%REC	1	11/13/2020 5:47	171145
Surr: Toluene-d8	*	80-120		**102.4**	%REC	1	11/13/2020 5:47	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-021
Client Sample ID: Field Blank 1
Matrix: GROUNDWATER
Collection Date: 11/09/2020 15:30

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	11/14/2020 1:10	171149
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 1:10	171149
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 1:10	171149
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/14/2020 1:10	171149
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 1:10	171149
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 1:10	171149
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 1:10	171149
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:10	171149
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 1:10	171149
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/14/2020 1:10	171149
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 1:10	171149
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/14/2020 1:10	171149
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 1:10	171149
Surr: 2-Fluorobiphenyl	*	21.4-142		**64.7**	%REC	1	11/14/2020 1:10	171149
Surr: Nitrobenzene-d5	*	15-163		**77.4**	%REC	1	11/14/2020 1:10	171149
Surr: p-Terphenyl-d14	*	10-173		**92.0**	%REC	1	11/14/2020 1:10	171149

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 6:13	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:13	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 6:13	171145
m,p-Xylenes	NELAP	1.0	J	**0.29**	µg/L	1	11/13/2020 6:13	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:13	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 6:13	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 6:13	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:13	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:13	171145
Xylenes, Total	NELAP	2.0	J	**0.29**	µg/L	1	11/13/2020 6:13	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**113.0**	%REC	1	11/13/2020 6:13	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.2**	%REC	1	11/13/2020 6:13	171145
Surr: Dibromofluoromethane	*	80-120		**101.1**	%REC	1	11/13/2020 6:13	171145
Surr: Toluene-d8	*	80-120		**103.0**	%REC	1	11/13/2020 6:13	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-022
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 11/12/2020 10:45

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	11/13/2020 6:40	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:40	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 6:40	171145
m,p-Xylenes	NELAP	1.0	J	**0.19**	µg/L	1	11/13/2020 6:40	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:40	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 6:40	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 6:40	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:40	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:40	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 6:40	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.5**	%REC	1	11/13/2020 6:40	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.4**	%REC	1	11/13/2020 6:40	171145
Surr: Dibromofluoromethane	*	80-120		**100.9**	%REC	1	11/13/2020 6:40	171145
Surr: Toluene-d8	*	80-120		**102.2**	%REC	1	11/13/2020 6:40	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-023
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 11/12/2020 10:45

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	11/13/2020 7:06	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:06	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:06	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:06	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:06	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 7:06	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:06	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:06	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:06	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:06	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.2**	%REC	1	11/13/2020 7:06	171145
Surr: 4-Bromofluorobenzene	*	80-120		**108.6**	%REC	1	11/13/2020 7:06	171145
Surr: Dibromofluoromethane	*	80-120		**101.3**	%REC	1	11/13/2020 7:06	171145
Surr: Toluene-d8	*	80-120		**102.4**	%REC	1	11/13/2020 7:06	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-024
Client Sample ID: GW-2-DUP
Matrix: GROUNDWATER
Collection Date: 11/11/2020 7:10

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	11/14/2020 1:51	171149
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 1:51	171149
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 1:51	171149
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/14/2020 1:51	171149
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 1:51	171149
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 1:51	171149
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 1:51	171149
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 1:51	171149
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 1:51	171149
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/14/2020 1:51	171149
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 1:51	171149
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/14/2020 1:51	171149
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 1:51	171149
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.0**	%REC	1	11/14/2020 1:51	171149
Surr: Nitrobenzene-d5	*	15-163		**72.3**	%REC	1	11/14/2020 1:51	171149
Surr: p-Terphenyl-d14	*	10-173		**91.7**	%REC	1	11/14/2020 1:51	171149

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 7:33	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:33	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:33	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:33	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:33	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 7:33	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:33	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:33	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:33	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:33	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**111.3**	%REC	1	11/13/2020 7:33	171145
Surr: 4-Bromofluorobenzene	*	80-120		**108.6**	%REC	1	11/13/2020 7:33	171145
Surr: Dibromofluoromethane	*	80-120		**100.3**	%REC	1	11/13/2020 7:33	171145
Surr: Toluene-d8	*	80-120		**102.7**	%REC	1	11/13/2020 7:33	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-025
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 11/10/2020 8:35

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	11/14/2020 2:32	171149
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 2:32	171149
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 2:32	171149
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/14/2020 2:32	171149
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 2:32	171149
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 2:32	171149
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 2:32	171149
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 2:32	171149
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 2:32	171149
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/14/2020 2:32	171149
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 2:32	171149
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/14/2020 2:32	171149
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 2:32	171149
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.4**	%REC	1	11/14/2020 2:32	171149
Surr: Nitrobenzene-d5	*	15-163		**79.4**	%REC	1	11/14/2020 2:32	171149
Surr: p-Terphenyl-d14	*	10-173		**88.8**	%REC	1	11/14/2020 2:32	171149

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 7:59	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:59	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:59	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:59	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:59	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 7:59	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 7:59	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:59	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:59	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 7:59	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.5**	%REC	1	11/13/2020 7:59	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.9**	%REC	1	11/13/2020 7:59	171145
Surr: Dibromofluoromethane	*	80-120		**100.6**	%REC	1	11/13/2020 7:59	171145
Surr: Toluene-d8	*	80-120		**101.9**	%REC	1	11/13/2020 7:59	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 20110773
Client Project: Ameren Taylorville 4th Qtr 2020
Report Date: 19-Nov-20
Lab ID: 20110773-026
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 11/11/2020 12:00

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	11/14/2020 3:14	171149
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 3:14	171149
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 3:14	171149
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	C	**ND**	mg/L	1	11/14/2020 3:14	171149
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 3:14	171149
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/14/2020 3:14	171149
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 3:14	171149
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	11/14/2020 3:14	171149
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 3:14	171149
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/14/2020 3:14	171149
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/14/2020 3:14	171149
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/14/2020 3:14	171149
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/14/2020 3:14	171149
Surr: 2-Fluorobiphenyl	*	21.4-142		**62.1**	%REC	1	11/14/2020 3:14	171149
Surr: Nitrobenzene-d5	*	15-163		**75.2**	%REC	1	11/14/2020 3:14	171149
Surr: p-Terphenyl-d14	*	10-173		**95.0**	%REC	1	11/14/2020 3:14	171149

Results have less certainty for Bis(2-ethylhexyl)phthalate - Client Requested Quantitation Limit is below the method limit of quantitation.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/13/2020 8:25	171145
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/13/2020 8:25	171145
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 8:25	171145
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	11/13/2020 8:25	171145
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/13/2020 8:25	171145
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	11/13/2020 8:25	171145
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/13/2020 8:25	171145
Toluene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 8:25	171145
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/13/2020 8:25	171145
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	11/13/2020 8:25	171145
Surr: 1,2-Dichloroethane-d4	*	80-120		**112.8**	%REC	1	11/13/2020 8:25	171145
Surr: 4-Bromofluorobenzene	*	80-120		**107.0**	%REC	1	11/13/2020 8:25	171145
Surr: Dibromofluoromethane	*	80-120		**100.7**	%REC	1	11/13/2020 8:25	171145
Surr: Toluene-d8	*	80-120		**102.6**	%REC	1	11/13/2020 8:25	171145

Contamination present in the MBLK for naphthalene. Sample results below the reporting limit are reportable per the TNI Standard.

Sample Summary

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2020

Work Order: 20110773

Report Date: 19-Nov-20

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
20110773-001	GW-01	Groundwater	2	11/11/2020 7:45
20110773-002	GW-02	Groundwater	2	11/11/2020 7:10
20110773-003	GW-03	Groundwater	2	11/10/2020 7:35
20110773-004	GW-04R	Groundwater	2	11/10/2020 11:00
20110773-005	GW-05	Groundwater	2	11/11/2020 9:45
20110773-006	GW-07	Groundwater	2	11/10/2020 12:35
20110773-007	GW-14	Groundwater	2	11/10/2020 17:25
20110773-008	GW-15	Groundwater	2	11/10/2020 9:50
20110773-009	GW-16S	Groundwater	2	11/09/2020 14:15
20110773-010	GW-16D	Groundwater	2	11/09/2020 13:30
20110773-011	GW-17	Groundwater	2	11/11/2020 11:05
20110773-012	GW-18S	Groundwater	2	11/11/2020 13:45
20110773-013	GW-18D	Groundwater	2	11/11/2020 13:10
20110773-014	GW-19S	Groundwater	2	11/10/2020 16:00
20110773-015	GW-19D	Groundwater	2	11/10/2020 15:30
20110773-016	GW-20	Groundwater	2	11/10/2020 14:15
20110773-017	GW-21	Groundwater	2	11/11/2020 8:30
20110773-018	GW-22S	Groundwater	2	11/09/2020 15:10
20110773-019	GW-22D	Groundwater	2	11/09/2020 16:10
20110773-020	GW-19D DUP	Groundwater	2	11/10/2020 15:30
20110773-021	Field Blank 1	Groundwater	2	11/09/2020 15:30
20110773-022	Trip Blank 1	Trip Blank	1	11/12/2020 10:45
20110773-023	Trip Blank 2	Trip Blank	1	11/12/2020 10:45
20110773-024	GW-2-DUP	Groundwater	2	11/11/2020 7:10
20110773-025	GW-26	Groundwater	2	11/10/2020 8:35
20110773-026	GW-25	Groundwater	2	11/11/2020 12:00

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2020

Work Order: 20110773

Report Date: 19-Nov-20

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
20110773-001A	GW-01	11/11/2020 7:45	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 1:46
20110773-001B	GW-01	11/11/2020 7:45	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2020 17:25
20110773-002A	GW-02	11/11/2020 7:10	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 2:27
20110773-002B	GW-02	11/11/2020 7:10	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2020 17:51
20110773-003A	GW-03	11/10/2020 7:35	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 3:08
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 13:26
20110773-003B	GW-03	11/10/2020 7:35	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2020 18:17
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 13:28
20110773-004A	GW-04R	11/10/2020 11:00	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 3:49
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 14:07
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 14:48
20110773-004B	GW-04R	11/10/2020 11:00	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2020 18:43
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 15:13
20110773-005A	GW-05	11/11/2020 9:45	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 4:30
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 15:29
20110773-005B	GW-05	11/11/2020 9:45	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2020 19:10
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/17/2020 15:16
20110773-006A	GW-07	11/10/2020 12:35	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 6:34
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 19:33
20110773-006B	GW-07	11/10/2020 12:35	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2020 20:30
20110773-007A	GW-14	11/10/2020 17:25	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 7:16
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 20:14

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2020

Work Order: 20110773

Report Date: 19-Nov-20

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
20110773-007B	GW-14	11/10/2020 17:25	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 0:03
20110773-008A	GW-15	11/10/2020 9:50	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 7:59
20110773-008B	GW-15	11/10/2020 9:50	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 0:30
20110773-009A	GW-16S	11/09/2020 14:15	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 8:42
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 20:55
20110773-009B	GW-16S	11/09/2020 14:15	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 0:56
20110773-010A	GW-16D	11/09/2020 13:30	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 9:25
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/14/2020 21:36
20110773-010B	GW-16D	11/09/2020 13:30	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 1:22
20110773-011A	GW-17	11/11/2020 11:05	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 10:08
20110773-011B	GW-17	11/11/2020 11:05	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 1:49
20110773-012A	GW-18S	11/11/2020 13:45	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 13:00
20110773-012B	GW-18S	11/11/2020 13:45	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 2:16
20110773-013A	GW-18D	11/11/2020 13:10	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2020 18:53	11/13/2020 13:42
20110773-013B	GW-18D	11/11/2020 13:10	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 2:42
20110773-014A	GW-19S	11/10/2020 16:00	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/13/2020 20:23
20110773-014B	GW-19S	11/10/2020 16:00	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 3:08
20110773-015A	GW-19D	11/10/2020 15:30	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/13/2020 21:04
20110773-015B	GW-19D	11/10/2020 15:30	11/12/2020 10:45		

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 3:34
20110773-016A	GW-20	11/10/2020 14:15	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/13/2020 21:44
20110773-016B	GW-20	11/10/2020 14:15	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 4:01
20110773-017A	GW-21	11/11/2020 8:30	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/13/2020 22:26
20110773-017B	GW-21	11/11/2020 8:30	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 4:27
20110773-018A	GW-22S	11/09/2020 15:10	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/13/2020 23:08
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/16/2020 20:19
20110773-018B	GW-22S	11/09/2020 15:10	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 4:54
20110773-019A	GW-22D	11/09/2020 16:10	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/13/2020 23:48
20110773-019B	GW-22D	11/09/2020 16:10	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 5:20
20110773-020A	GW-19D DUP	11/10/2020 15:30	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 7:55	11/14/2020 0:29
20110773-020B	GW-19D DUP	11/10/2020 15:30	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 5:47
20110773-021A	Field Blank 1	11/09/2020 15:30	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 10:16	11/14/2020 1:10
20110773-021B	Field Blank 1	11/09/2020 15:30	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 6:13
20110773-022A	Trip Blank 1	11/12/2020 10:45	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 6:40
20110773-023A	Trip Blank 2	11/12/2020 10:45	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 7:06
20110773-024A	GW-2-DUP	11/11/2020 7:10	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 10:16	11/14/2020 1:51
20110773-024B	GW-2-DUP	11/11/2020 7:10	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 7:33
20110773-025A	GW-26	11/10/2020 8:35	11/12/2020 10:45		

Dates Report

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Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2020

Work Order: 20110773

Report Date: 19-Nov-20

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			11/13/2020 10:16	11/14/2020 2:32
20110773-025B	GW-26	11/10/2020 8:35	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 7:59
20110773-026A	GW-25	11/11/2020 12:00	11/12/2020 10:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/13/2020 12:15	11/14/2020 3:14
20110773-026B	GW-25	11/11/2020 12:00	11/12/2020 10:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/13/2020 8:25

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171130** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-171130

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/12/202
Acenaphthylene		0.000100		**ND**						11/12/202
Anthracene		0.000300		**ND**						11/12/202
Benzo(a)anthracene		0.000100		**ND**						11/12/202
Benzo(a)pyrene		0.000100		**ND**						11/12/202
Benzo(b)fluoranthene		0.000100		**ND**						11/12/202
Benzo(g,h,i)perylene		0.000200		**ND**						11/12/202
Benzo(k)fluoranthene		0.000100		**ND**						11/12/202
Bis(2-ethylhexyl)phthalate		0.00200		**ND**						11/12/202
Chrysene		0.000100		**ND**						11/12/202
Dibenzo(a,h)anthracene		0.000100		**ND**						11/12/202
Di-n-butyl phthalate		0.0100		**ND**						11/12/202
Fluoranthene		0.000300		**ND**						11/12/202
Fluorene		0.000200		**ND**						11/12/202
Indeno(1,2,3-cd)pyrene		0.000100		**ND**						11/12/202
m,p-Cresol		0.0100		**ND**						11/12/202
Naphthalene		0.000400		**ND**						11/12/202
o-Cresol		0.0100		**ND**						11/12/202
Phenanthrene		0.000600		**ND**						11/12/202
Pyrene		0.000200		**ND**						11/12/202
Surr: 2-Fluorobiphenyl	*			**0.000690**	0.0010		69.0	55.1	115	11/12/202
Surr: Nitrobenzene-d5	*			**0.000796**	0.0010		79.6	53.3	123	11/12/202
Surr: p-Terphenyl-d14	*			**0.000997**	0.0010		99.7	50.3	150	11/12/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171130** **SampType:** **LCS** Units **mg/L**

SampID: LCS-171130

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00164**	0.0020	0	82.1	65.1	101	11/13/202
Acenaphthylene		0.000100		**0.00177**	0.0020	0	88.6	68.1	107	11/13/202
Anthracene		0.000300		**0.00152**	0.0020	0	75.9	63.3	106	11/13/202
Benzo(a)anthracene		0.000100		**0.00157**	0.0020	0	78.3	63.7	107	11/13/202
Benzo(a)pyrene		0.000100		**0.00151**	0.0020	0	75.5	68.7	113	11/13/202
Benzo(b)fluoranthene		0.000100		**0.00163**	0.0020	0	81.3	60.7	117	11/13/202
Benzo(g,h,i)perylene		0.000200		**0.00162**	0.0020	0	81.1	66.8	120	11/13/202
Benzo(k)fluoranthene		0.000100		**0.00167**	0.0020	0	83.4	66.3	110	11/13/202
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0032**	0.0020	0	162.0	59.3	186	11/13/202
Chrysene		0.000100		**0.00169**	0.0020	0	84.5	67.1	109	11/13/202
Dibenzo(a,h)anthracene		0.000100		**0.00181**	0.0020	0	90.6	58.6	127	11/13/202
Di-n-butyl phthalate		0.0100	J	**0.0023**	0.0020	0	116.7	70.9	140	11/13/202
Fluoranthene		0.000300		**0.00174**	0.0020	0	86.9	70.2	101	11/13/202
Fluorene		0.000200		**0.00160**	0.0020	0	79.9	68.4	106	11/13/202
Indeno(1,2,3-cd)pyrene		0.000100		**0.00174**	0.0020	0	86.8	66.3	117	11/13/202
m,p-Cresol		0.0100		**0.0160**	0.0200	0	80.2	59.3	106	11/13/202
Naphthalene		0.000400		**0.00159**	0.0020	0	79.7	58.9	98.2	11/13/202
o-Cresol		0.0100		**0.0158**	0.0200	0	78.8	54.7	113	11/13/202
Phenanthrene		0.000600		**0.00195**	0.0020	0	97.6	71.8	116	11/13/202
Pyrene		0.000200		**0.00168**	0.0020	0	84.2	66.2	102	11/13/202
Surr: 2-Fluorobiphenyl	*			**0.000801**	0.0010		80.1	55.1	115	11/13/202
Surr: Nitrobenzene-d5	*			**0.000848**	0.0010		84.8	53.3	123	11/13/202
Surr: p-Terphenyl-d14	*			**0.000995**	0.0010		99.5	50.3	150	11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171130** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-171130

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00173**	0.0020	0	86.7	0.001642	5.42	11/13/202
Acenaphthylene		0.000100		**0.00183**	0.0020	0	91.5	0.001772	3.29	11/13/202
Anthracene		0.000300		**0.00199**	0.0020	0	99.5	0.001519	26.81	11/13/202
Benzo(a)anthracene		0.000100		**0.00181**	0.0020	0	90.3	0.001566	14.26	11/13/202
Benzo(a)pyrene		0.000100		**0.00185**	0.0020	0	92.7	0.001510	20.47	11/13/202
Benzo(b)fluoranthene		0.000100		**0.00171**	0.0020	0	85.6	0.001625	5.24	11/13/202
Benzo(g,h,i)perylene		0.000200		**0.00192**	0.0020	0	95.8	0.001622	16.69	11/13/202
Benzo(k)fluoranthene		0.000100		**0.00179**	0.0020	0	89.3	0.001668	6.76	11/13/202
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0028**	0.0020	0	140.4	0.003240	0.00	11/13/202
Chrysene		0.000100		**0.00191**	0.0020	0	95.7	0.001690	12.37	11/13/202
Dibenzo(a,h)anthracene		0.000100		**0.00196**	0.0020	0	97.8	0.001811	7.67	11/13/202
Di-n-butyl phthalate		0.0100	J	**0.0024**	0.0020	0	121.3	0.002334	0.00	11/13/202
Fluoranthene		0.000300		**0.00179**	0.0020	0	89.7	0.001739	3.13	11/13/202
Fluorene		0.000200		**0.00178**	0.0020	0	89.2	0.001598	11.04	11/13/202
Indeno(1,2,3-cd)pyrene		0.000100		**0.00201**	0.0020	0	100.6	0.001736	14.68	11/13/202
m,p-Cresol		0.0100		**0.0186**	0.0200	0	93.2	0.01604	14.96	11/13/202
Naphthalene		0.000400		**0.00175**	0.0020	0	87.5	0.001594	9.32	11/13/202
o-Cresol		0.0100		**0.0177**	0.0200	0	88.6	0.01576	11.78	11/13/202
Phenanthrene		0.000600		**0.00193**	0.0020	0	96.7	0.001952	0.92	11/13/202
Pyrene		0.000200		**0.00175**	0.0020	0	87.4	0.001685	3.62	11/13/202
Surr: 2-Fluorobiphenyl	*			**0.000888**	0.0010		88.8			11/13/202
Surr: Nitrobenzene-d5	*			**0.000920**	0.0010		92.0			11/13/202
Surr: p-Terphenyl-d14	*			**0.00103**	0.0010		103.2			11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171130** **SampType:** **MS** Units **mg/L**

SampID: 20110773-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00181**	0.0020	0	90.3	28.3	133	11/13/202
Acenaphthylene		0.000100		**0.00187**	0.0020	0	93.7	5	176	11/13/202
Anthracene		0.000300		**0.00163**	0.0020	0	81.5	34.6	131	11/13/202
Benzo(a)anthracene		0.000100		**0.00169**	0.0020	0	84.6	40.3	132	11/13/202
Benzo(a)pyrene		0.000100		**0.00178**	0.0020	0	88.8	40.8	132	11/13/202
Benzo(b)fluoranthene		0.000100		**0.00154**	0.0020	0	77.1	41.9	132	11/13/202
Benzo(g,h,i)perylene		0.000200		**0.00176**	0.0020	0	87.8	46	132	11/13/202
Benzo(k)fluoranthene		0.000100		**0.00168**	0.0020	0	83.9	49.4	126	11/13/202
Bis(2-ethylhexyl)phthalate		0.0120	JS	**0.0083**	0.0020	0.008450	-9.3	18.4	222	11/14/202
Chrysene		0.000100		**0.00172**	0.0020	0	86.0	46.1	129	11/13/202
Dibenzo(a,h)anthracene		0.000100		**0.00182**	0.0020	0	91.0	42.1	146	11/13/202
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	98.1	59.6	146	11/13/202
Fluoranthene		0.000300		**0.00160**	0.0020	0	80.2	23.9	164	11/13/202
Fluorene		0.000200		**0.00172**	0.0020	0	86.2	24.3	148	11/13/202
Indeno(1,2,3-cd)pyrene		0.000100		**0.00178**	0.0020	0	89.2	26.6	157	11/13/202
m,p-Cresol		0.0100		**0.0285**	0.0200	0	142.5	5	156	11/13/202
Naphthalene		0.000400	S	**0.00185**	0.0020	0.001594	12.6	24.2	132	11/13/202
o-Cresol		0.0100	S	**0.0271**	0.0200	0	135.6	38	113	11/13/202
Phenanthrene		0.000600		**0.00178**	0.0020	0	89.2	36.6	139	11/13/202
Pyrene		0.000200		**0.00160**	0.0020	0	80.0	14.6	169	11/13/202
Surr: 2-Fluorobiphenyl	*			**0.000862**	0.0010		86.2	21.4	142	11/13/202
Surr: Nitrobenzene-d5	*			**0.000863**	0.0010		86.3	15	163	11/13/202
Surr: p-Terphenyl-d14	*			**0.000950**	0.0010		95.0	10	173	11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171130** **SampType:** **MSD** Units **mg/L** RPD Limit **40**

SampID: 20110773-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00175**	0.0020	0	87.5	0.001806	3.21	11/13/202
Acenaphthylene		0.000100		**0.00190**	0.0020	0	94.8	0.001873	1.22	11/13/202
Anthracene		0.000300		**0.00187**	0.0020	0	93.3	0.001631	13.43	11/13/202
Benzo(a)anthracene		0.000100		**0.00170**	0.0020	0	84.9	0.001692	0.39	11/13/202
Benzo(a)pyrene		0.000100		**0.00174**	0.0020	0	87.2	0.001777	1.82	11/13/202
Benzo(b)fluoranthene		0.000100		**0.00169**	0.0020	0	84.5	0.001542	9.16	11/13/202
Benzo(g,h,i)perylene		0.000200		**0.00182**	0.0020	0	90.8	0.001755	3.42	11/13/202
Benzo(k)fluoranthene		0.000100		**0.00168**	0.0020	0	84.1	0.001677	0.23	11/13/202
Bis(2-ethylhexyl)phthalate		0.0120	JS	**0.0065**	0.0020	0.008450	-98.5	0.008263	0.00	11/14/202
Chrysene		0.000100		**0.00169**	0.0020	0	84.7	0.001720	1.45	11/13/202
Dibenzo(a,h)anthracene		0.000100		**0.00184**	0.0020	0	91.8	0.001820	0.83	11/13/202
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	104.4	0.001962	0.00	11/13/202
Fluoranthene		0.000300		**0.00175**	0.0020	0	87.6	0.001603	8.88	11/13/202
Fluorene		0.000200		**0.00170**	0.0020	0	85.0	0.001725	1.48	11/13/202
Indeno(1,2,3-cd)pyrene		0.000100		**0.00186**	0.0020	0	93.2	0.001785	4.37	11/13/202
m,p-Cresol		0.0100	R	**0.0181**	0.0200	0	90.5	0.02851	44.66	11/13/202
Naphthalene		0.000400	S	**0.00170**	0.0020	0.001594	5.0	0.001847	8.57	11/13/202
o-Cresol		0.0100	R	**0.0169**	0.0200	0	84.6	0.02711	46.34	11/13/202
Phenanthrene		0.000600		**0.00195**	0.0020	0	97.5	0.001785	8.86	11/13/202
Pyrene		0.000200		**0.00184**	0.0020	0	92.1	0.001600	14.11	11/13/202
Surr: 2-Fluorobiphenyl	*			**0.000835**	0.0010		83.5			11/13/202
Surr: Nitrobenzene-d5	*			**0.000921**	0.0010		92.1			11/13/202
Surr: p-Terphenyl-d14	*			**0.000988**	0.0010		98.8			11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171149** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-171149

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/13/202
Acenaphthylene		0.000100		**ND**						11/13/202
Anthracene		0.000300		**ND**						11/13/202
Benzo(a)anthracene		0.000100		**ND**						11/13/202
Benzo(a)pyrene		0.000100		**ND**						11/13/202
Benzo(b)fluoranthene		0.000100		**ND**						11/13/202
Benzo(g,h,i)perylene		0.000200		**ND**						11/13/202
Benzo(k)fluoranthene		0.000100		**ND**						11/13/202
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						11/13/202
Chrysene		0.000100		**ND**						11/13/202
Dibenzo(a,h)anthracene		0.000100		**ND**						11/13/202
Di-n-butyl phthalate		0.0100		**ND**						11/13/202
Fluoranthene		0.000300		**ND**						11/13/202
Fluorene		0.000200		**ND**						11/13/202
Indeno(1,2,3-cd)pyrene		0.000100		**ND**						11/13/202
m,p-Cresol		0.0100		**ND**						11/13/202
Naphthalene		0.000400		**ND**						11/13/202
o-Cresol		0.0100		**ND**						11/13/202
Phenanthrene		0.000600		**ND**						11/13/202
Pyrene		0.000200		**ND**						11/13/202
Surr: 2-Fluorobiphenyl	*			**0.000658**	0.0010		65.8	55.1	115	11/13/202
Surr: Nitrobenzene-d5	*			**0.000832**	0.0010		83.2	53.3	123	11/13/202
Surr: p-Terphenyl-d14	*			**0.000837**	0.0010		83.7	50.3	150	11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171149** **SampType:** **LCS** Units **mg/L**

SampID: LCS-171149

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00155**	0.0020	0	77.4	65.1	101	11/13/202
Acenaphthylene		0.000100		**0.00168**	0.0020	0	84.0	68.1	107	11/13/202
Anthracene		0.000300		**0.00172**	0.0020	0	85.9	63.3	106	11/13/202
Benzo(a)anthracene		0.000100		**0.00163**	0.0020	0	81.4	63.7	107	11/13/202
Benzo(a)pyrene		0.000100		**0.00165**	0.0020	0	82.4	68.7	113	11/13/202
Benzo(b)fluoranthene		0.000100		**0.00152**	0.0020	0	76.1	60.7	117	11/13/202
Benzo(g,h,i)perylene		0.000200		**0.00172**	0.0020	0	86.1	66.8	120	11/13/202
Benzo(k)fluoranthene		0.000100		**0.00157**	0.0020	0	78.6	66.3	110	11/13/202
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	100.1	59.3	186	11/13/202
Chrysene		0.000100		**0.00169**	0.0020	0	84.5	67.1	109	11/13/202
Dibenzo(a,h)anthracene		0.000100		**0.00174**	0.0020	0	86.8	58.6	127	11/13/202
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	101.0	70.9	140	11/13/202
Fluoranthene		0.000300		**0.00152**	0.0020	0	76.0	70.2	101	11/13/202
Fluorene		0.000200		**0.00160**	0.0020	0	79.8	68.4	106	11/13/202
Indeno(1,2,3-cd)pyrene		0.000100		**0.00172**	0.0020	0	86.0	66.3	117	11/13/202
m,p-Cresol		0.0100		**0.0178**	0.0200	0	88.9	59.3	106	11/13/202
Naphthalene		0.000400		**0.00155**	0.0020	0	77.6	58.9	98.2	11/13/202
o-Cresol		0.0100		**0.0168**	0.0200	0	83.9	54.7	113	11/13/202
Phenanthrene		0.000600		**0.00176**	0.0020	0	87.8	71.8	116	11/13/202
Pyrene		0.000200		**0.00139**	0.0020	0	69.3	66.2	102	11/13/202
Surr: 2-Fluorobiphenyl	*			**0.000704**	0.0010		70.4	55.1	115	11/13/202
Surr: Nitrobenzene-d5	*			**0.000896**	0.0010		89.6	53.3	123	11/13/202
Surr: p-Terphenyl-d14	*			**0.000919**	0.0010		91.9	50.3	150	11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch **171149** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-171149

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00160**	0.0020	0	80.1	0.001548	3.40	11/13/202
Acenaphthylene		0.000100		**0.00171**	0.0020	0	85.6	0.001680	1.92	11/13/202
Anthracene		0.000300		**0.00184**	0.0020	0	92.2	0.001718	7.11	11/13/202
Benzo(a)anthracene		0.000100		**0.00164**	0.0020	0	82.2	0.001628	0.98	11/13/202
Benzo(a)pyrene		0.000100		**0.00169**	0.0020	0	84.6	0.001647	2.75	11/13/202
Benzo(b)fluoranthene		0.000100		**0.00163**	0.0020	0	81.7	0.001522	7.09	11/13/202
Benzo(g,h,i)perylene		0.000200		**0.00182**	0.0020	0	91.0	0.001721	5.56	11/13/202
Benzo(k)fluoranthene		0.000100		**0.00165**	0.0020	0	82.4	0.001571	4.76	11/13/202
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	100.7	0.002002	0.00	11/13/202
Chrysene		0.000100		**0.00173**	0.0020	0	86.5	0.001691	2.34	11/13/202
Dibenzo(a,h)anthracene		0.000100		**0.00181**	0.0020	0	90.6	0.001737	4.20	11/13/202
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	100.9	0.002021	0.00	11/13/202
Fluoranthene		0.000300		**0.00166**	0.0020	0	82.8	0.001519	8.57	11/13/202
Fluorene		0.000200		**0.00169**	0.0020	0	84.3	0.001595	5.53	11/13/202
Indeno(1,2,3-cd)pyrene		0.000100		**0.00177**	0.0020	0	88.7	0.001720	3.15	11/13/202
m,p-Cresol		0.0100		**0.0181**	0.0200	0	90.6	0.01777	1.97	11/13/202
Naphthalene		0.000400		**0.00161**	0.0020	0	80.4	0.001553	3.52	11/13/202
o-Cresol		0.0100		**0.0171**	0.0200	0	85.5	0.01679	1.82	11/13/202
Phenanthrene		0.000600		**0.00182**	0.0020	0	90.9	0.001756	3.43	11/13/202
Pyrene		0.000200		**0.00163**	0.0020	0	81.4	0.001386	16.05	11/13/202
Surr: 2-Fluorobiphenyl	*			**0.000717**	0.0010		71.7			11/13/202
Surr: Nitrobenzene-d5	*			**0.000858**	0.0010		85.8			11/13/202
Surr: p-Terphenyl-d14	*			**0.000949**	0.0010		94.9			11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch 171142 **SampType:** MBLK Units **µg/L**

SampID: MBLK-N201112A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						11/12/202
Bromoform	*	2.0		**ND**						11/12/202
Ethylbenzene	*	2.0		**ND**						11/12/202
m,p-Xylenes	*	2.0		**ND**						11/12/202
Methylene chloride	*	2.0		**ND**						11/12/202
Naphthalene	*	5.0		**ND**						11/12/202
o-Xylene	*	2.0		**ND**						11/12/202
Toluene	*	2.0		**ND**						11/12/202
trans-1,2-Dichloroethene	*	2.0		**ND**						11/12/202
Xylenes, Total	*	4.0		**ND**						11/12/202
Surr: 1,2-Dichloroethane-d4	*			**54.2**	50.00		108.4	80	120	11/12/202
Surr: 4-Bromofluorobenzene	*			**52.1**	50.00		104.2	80	120	11/12/202
Surr: Dibromofluoromethane	*			**49.7**	50.00		99.4	80	120	11/12/202
Surr: Toluene-d8	*			**51.8**	50.00		103.6	80	120	11/12/202

Batch 171142 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-N201112A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**48.3**	50.00	0	96.6	51.00	5.48	11/12/202
Bromoform	*	2.0		**47.7**	50.00	0	95.4	48.75	2.16	11/12/202
Ethylbenzene	*	2.0		**50.9**	50.00	0	101.9	52.97	3.91	11/12/202
m,p-Xylenes	*	2.0		**102**	100.0	0	101.6	106.5	4.70	11/12/202
Methylene chloride	*	2.0		**52.3**	50.00	0	104.7	54.25	3.58	11/12/202
Naphthalene	*	5.0		**55.2**	50.00	0	110.4	54.45	1.35	11/12/202
o-Xylene	*	2.0		**51.8**	50.00	0	103.7	54.00	4.06	11/12/202
Toluene	*	2.0		**49.9**	50.00	0	99.7	52.23	4.62	11/12/202
trans-1,2-Dichloroethene	*	2.0		**50.4**	50.00	0	100.9	52.97	4.91	11/12/202
Xylenes, Total	*	4.0		**153**	150.0	0	102.3	160.5	4.48	11/12/202
Surr: 1,2-Dichloroethane-d4	*			**51.0**	50.00		101.9			11/12/202
Surr: 4-Bromofluorobenzene	*			**50.6**	50.00		101.2			11/12/202
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.7			11/12/202
Surr: Toluene-d8	*			**50.6**	50.00		101.3			11/12/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch 171142 **SampType:** LCS Units µg/L

SampID: LCS-N201112A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**51.0**	50.00	0	102.0	78.5	119	11/12/202
Bromoform	*	2.0		**48.8**	50.00	0	97.5	78.9	121	11/12/202
Ethylbenzene	*	2.0		**53.0**	50.00	0	105.9	78.2	114	11/12/202
m,p-Xylenes	*	2.0		**107**	100.0	0	106.5	77.2	116	11/12/202
Methylene chloride	*	2.0		**54.2**	50.00	0	108.5	71.8	115	11/12/202
Naphthalene	*	5.0		**54.4**	50.00	0	108.9	75.6	121	11/12/202
o-Xylene	*	2.0		**54.0**	50.00	0	108.0	79.2	112	11/12/202
Toluene	*	2.0		**52.2**	50.00	0	104.5	78.6	112	11/12/202
trans-1,2-Dichloroethene	*	2.0		**53.0**	50.00	0	105.9	75.7	130	11/12/202
Xylenes, Total	*	4.0		**161**	150.0	0	107.0	78.3	114	11/12/202
Surr: 1,2-Dichloroethane-d4	*			**52.1**	50.00		104.1	80	120	11/12/202
Surr: 4-Bromofluorobenzene	*			**50.3**	50.00		100.6	80	120	11/12/202
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.6	80	120	11/12/202
Surr: Toluene-d8	*			**51.2**	50.00		102.4	80	120	11/12/202

Batch 171142 **SampType:** MS Units µg/L

SampID: 20110773-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**47.4**	50.00	0	94.7	72	120	11/12/202
Ethylbenzene		1.00		**51.3**	50.00	0.2500	102.2	74.8	115	11/12/202
m,p-Xylenes		1.00		**50.4**	50.00	0.2900	100.2	69.7	115	11/12/202
o-Xylene		1.00		**51.7**	50.00	0.1700	103.1	72.9	111	11/12/202
Toluene		2.00		**48.0**	50.00	0	95.9	70.6	109	11/12/202
Xylenes, Total		2.00		**102**	100.0	0.4600	101.7	72.1	113	11/12/202
Surr: 1,2-Dichloroethane-d4	*			**56.6**	50.00		113.3	80	120	11/12/202
Surr: 4-Bromofluorobenzene	*			**54.6**	50.00		109.1	80	120	11/12/202
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.3	80	120	11/12/202
Surr: Toluene-d8	*			**50.8**	50.00		101.6	80	120	11/12/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch 171142 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 20110773-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**51.7**	50.00	0	103.3	47.37	8.68	11/12/202
Ethylbenzene		1.00		**56.0**	50.00	0.2500	111.4	51.34	8.63	11/12/202
m,p-Xylenes		1.00		**55.0**	50.00	0.2900	109.4	50.40	8.71	11/12/202
o-Xylene		1.00	S	**57.0**	50.00	0.1700	113.6	51.71	9.71	11/12/202
Toluene		2.00		**52.3**	50.00	0	104.6	47.97	8.60	11/12/202
Xylenes, Total		2.00		**112**	100.0	0.4600	111.5	102.1	9.22	11/12/202
Surr: 1,2-Dichloroethane-d4	*			**57.6**	50.00		115.1			11/12/202
Surr: 4-Bromofluorobenzene	*			**54.1**	50.00		108.2			11/12/202
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.1			11/12/202
Surr: Toluene-d8	*			**50.7**	50.00		101.4			11/12/202

Batch 171145 **SampType:** MBLK Units **µg/L**

SampID: MBLK-N201112A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						11/12/202
Bromoform	*	2.0		**ND**						11/12/202
Ethylbenzene	*	2.0		**ND**						11/12/202
m,p-Xylenes	*	2.0		**ND**						11/12/202
Methylene chloride	*	2.0		**ND**						11/12/202
Naphthalene	*	5.0	J	**0.4**						11/12/202
o-Xylene	*	2.0		**ND**						11/12/202
Toluene	*	2.0		**ND**						11/12/202
trans-1,2-Dichloroethene	*	2.0		**ND**						11/12/202
Xylenes, Total	*	4.0		**ND**						11/12/202
Surr: 1,2-Dichloroethane-d4	*			**55.7**	50.00		111.4	80	120	11/12/202
Surr: 4-Bromofluorobenzene	*			**52.9**	50.00		105.8	80	120	11/12/202
Surr: Dibromofluoromethane	*			**51.3**	50.00		102.6	80	120	11/12/202
Surr: Toluene-d8	*			**50.7**	50.00		101.4	80	120	11/12/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch 171145 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-N201112A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**48.0**	50.00	0	96.1	48.52	0.99	11/12/202
Bromoform	*	2.0		**46.6**	50.00	0	93.2	46.00	1.34	11/12/202
Ethylbenzene	*	2.0		**50.3**	50.00	0	100.6	51.43	2.20	11/12/202
m,p-Xylenes	*	2.0		**100**	100.0	0	100.4	103.5	3.07	11/12/202
Methylene chloride	*	2.0		**52.0**	50.00	0	104.0	52.41	0.80	11/12/202
Naphthalene	*	5.0	B	**52.1**	50.00	0	104.2	51.08	2.02	11/12/202
o-Xylene	*	2.0		**50.7**	50.00	0	101.4	52.29	3.09	11/12/202
Toluene	*	2.0		**49.3**	50.00	0	98.6	49.81	0.99	11/12/202
trans-1,2-Dichloroethene	*	2.0		**50.8**	50.00	0	101.5	51.68	1.82	11/12/202
Xylenes, Total	*	4.0		**151**	150.0	0	100.7	155.8	3.08	11/12/202
Surr: 1,2-Dichloroethane-d4	*			**53.2**	50.00		106.3			11/12/202
Surr: 4-Bromofluorobenzene	*			**50.4**	50.00		100.9			11/12/202
Surr: Dibromofluoromethane	*			**51.8**	50.00		103.7			11/12/202
Surr: Toluene-d8	*			**50.3**	50.00		100.6			11/12/202

Batch 171145 **SampType:** LCS Units **µg/L**

SampID: LCS-N201112A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**48.5**	50.00	0	97.0	78.5	119	11/12/202
Bromoform	*	2.0		**46.0**	50.00	0	92.0	78.9	121	11/12/202
Ethylbenzene	*	2.0		**51.4**	50.00	0	102.9	78.2	114	11/12/202
m,p-Xylenes	*	2.0		**104**	100.0	0	103.5	77.2	116	11/12/202
Methylene chloride	*	2.0		**52.4**	50.00	0	104.8	71.8	115	11/12/202
Naphthalene	*	5.0	B	**51.1**	50.00	0	102.2	75.6	121	11/12/202
o-Xylene	*	2.0		**52.3**	50.00	0	104.6	79.2	112	11/12/202
Toluene	*	2.0		**49.8**	50.00	0	99.6	78.6	112	11/12/202
trans-1,2-Dichloroethene	*	2.0		**51.7**	50.00	0	103.4	75.7	130	11/12/202
Xylenes, Total	*	4.0		**156**	150.0	0	103.9	78.3	114	11/12/202
Surr: 1,2-Dichloroethane-d4	*			**53.4**	50.00		106.8	80	120	11/12/202
Surr: 4-Bromofluorobenzene	*			**50.4**	50.00		100.7	80	120	11/12/202
Surr: Dibromofluoromethane	*			**51.8**	50.00		103.6	80	120	11/12/202
Surr: Toluene-d8	*			**51.0**	50.00		102.0	80	120	11/12/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch 171187 **SampType:** MBLK Units **µg/L**

SampID: MBLK-N201113A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						11/13/202
Bromoform	*	2.0		**ND**						11/13/202
Ethylbenzene	*	2.0		**ND**						11/13/202
m,p-Xylenes	*	2.0		**ND**						11/13/202
Methylene chloride	*	2.0		**ND**						11/13/202
Naphthalene	*	5.0		**ND**						11/13/202
o-Xylene	*	2.0		**ND**						11/13/202
Toluene	*	2.0		**ND**						11/13/202
trans-1,2-Dichloroethene	*	2.0		**ND**						11/13/202
Xylenes, Total	*	4.0		**ND**						11/13/202
Surr: 1,2-Dichloroethane-d4	*			**56.0**	50.00		112.1	80	120	11/13/202
Surr: 4-Bromofluorobenzene	*			**53.4**	50.00		106.7	80	120	11/13/202
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.8	80	120	11/13/202
Surr: Toluene-d8	*			**51.6**	50.00		103.1	80	120	11/13/202

Batch 171187 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-N201113A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**45.4**	50.00	0	90.8	46.46	2.26	11/13/202
Bromoform	*	2.0		**41.9**	50.00	0	83.8	43.02	2.64	11/13/202
Ethylbenzene	*	2.0		**47.0**	50.00	0	94.0	47.32	0.66	11/13/202
m,p-Xylenes	*	2.0		**94.2**	100.0	0	94.2	96.02	1.93	11/13/202
Methylene chloride	*	2.0		**49.5**	50.00	0	98.9	50.05	1.17	11/13/202
Naphthalene	*	5.0		**47.2**	50.00	0	94.4	48.27	2.20	11/13/202
o-Xylene	*	2.0		**47.8**	50.00	0	95.5	47.17	1.22	11/13/202
Toluene	*	2.0		**45.6**	50.00	0	91.2	46.27	1.41	11/13/202
trans-1,2-Dichloroethene	*	2.0		**48.4**	50.00	0	96.7	49.23	1.76	11/13/202
Xylenes, Total	*	4.0		**142**	150.0	0	94.6	143.2	0.88	11/13/202
Surr: 1,2-Dichloroethane-d4	*			**52.1**	50.00		104.2			11/13/202
Surr: 4-Bromofluorobenzene	*			**50.3**	50.00		100.5			11/13/202
Surr: Dibromofluoromethane	*			**51.2**	50.00		102.5			11/13/202
Surr: Toluene-d8	*			**49.3**	50.00		98.5			11/13/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch 171187 **SampType:** LCS Units µg/L

SampID: LCS-N201113A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**46.5**	50.00	0	92.9	78.5	119	11/13/202
Bromoform	*	2.0		**43.0**	50.00	0	86.0	78.9	121	11/13/202
Ethylbenzene	*	2.0		**47.3**	50.00	0	94.6	78.2	114	11/13/202
m,p-Xylenes	*	2.0		**96.0**	100.0	0	96.0	77.2	116	11/13/202
Methylene chloride	*	2.0		**50.0**	50.00	0	100.1	71.8	115	11/13/202
Naphthalene	*	5.0		**48.3**	50.00	0	96.5	75.6	121	11/13/202
o-Xylene	*	2.0		**47.2**	50.00	0	94.3	79.2	112	11/13/202
Toluene	*	2.0		**46.3**	50.00	0	92.5	78.6	112	11/13/202
trans-1,2-Dichloroethene	*	2.0		**49.2**	50.00	0	98.5	75.7	130	11/13/202
Xylenes, Total	*	4.0		**143**	150.0	0	95.5	78.3	114	11/13/202
Surr: 1,2-Dichloroethane-d4	*			**53.1**	50.00		106.2	80	120	11/13/202
Surr: 4-Bromofluorobenzene	*			**50.7**	50.00		101.4	80	120	11/13/202
Surr: Dibromofluoromethane	*			**51.7**	50.00		103.3	80	120	11/13/202
Surr: Toluene-d8	*			**50.0**	50.00		100.0	80	120	11/13/202

Batch 171270 **SampType:** MBLK Units µg/L

SampID: MBLK-N201117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						11/17/202
Bromoform	*	2.0		**ND**						11/17/202
Ethylbenzene	*	2.0		**ND**						11/17/202
m,p-Xylenes	*	2.0		**ND**						11/17/202
Methylene chloride	*	2.0		**ND**						11/17/202
Naphthalene	*	5.0		**ND**						11/17/202
o-Xylene	*	2.0		**ND**						11/17/202
Toluene	*	2.0		**ND**						11/17/202
trans-1,2-Dichloroethene	*	2.0		**ND**						11/17/202
Xylenes, Total	*	4.0		**ND**						11/17/202
Surr: 1,2-Dichloroethane-d4	*			**56.2**	50.00		112.3	80	120	11/17/202
Surr: 4-Bromofluorobenzene	*			**52.8**	50.00		105.6	80	120	11/17/202
Surr: Dibromofluoromethane	*			**52.0**	50.00		103.9	80	120	11/17/202
Surr: Toluene-d8	*			**50.0**	50.00		100.0	80	120	11/17/202

Client: ERM **Work Order:** 20110773

Client Project: Ameren Taylorville 4th Qtr 2020 **Report Date:** 19-Nov-20

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

Batch 171270 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-N201117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**48.1**	50.00	0	96.3	49.33	2.44	11/17/202
Bromoform	*	2.0		**45.7**	50.00	0	91.4	47.41	3.72	11/17/202
Ethylbenzene	*	2.0		**48.5**	50.00	0	97.0	49.96	2.92	11/17/202
m,p-Xylenes	*	2.0		**98.3**	100.0	0	98.3	100.7	2.44	11/17/202
Methylene chloride	*	2.0		**51.3**	50.00	0	102.7	52.97	3.13	11/17/202
Naphthalene	*	5.0		**50.9**	50.00	0	101.9	53.13	4.23	11/17/202
o-Xylene	*	2.0		**49.5**	50.00	0	99.0	51.03	3.00	11/17/202
Toluene	*	2.0		**47.4**	50.00	0	94.8	48.56	2.38	11/17/202
trans-1,2-Dichloroethene	*	2.0		**50.7**	50.00	0	101.4	52.06	2.65	11/17/202
Xylenes, Total	*	4.0		**148**	150.0	0	98.5	151.8	2.63	11/17/202
Surr: 1,2-Dichloroethane-d4	*			**52.8**	50.00		105.7			11/17/202
Surr: 4-Bromofluorobenzene	*			**49.8**	50.00		99.6			11/17/202
Surr: Dibromofluoromethane	*			**52.6**	50.00		105.3			11/17/202
Surr: Toluene-d8	*			**48.7**	50.00		97.5			11/17/202

Batch 171270 **SampType:** LCS Units **µg/L**

SampID: LCS-N201117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**49.3**	50.00	0	98.7	78.5	119	11/17/202
Bromoform	*	2.0		**47.4**	50.00	0	94.8	78.9	121	11/17/202
Ethylbenzene	*	2.0		**50.0**	50.00	0	99.9	78.2	114	11/17/202
m,p-Xylenes	*	2.0		**101**	100.0	0	100.7	77.2	116	11/17/202
Methylene chloride	*	2.0		**53.0**	50.00	0	105.9	71.8	115	11/17/202
Naphthalene	*	5.0		**53.1**	50.00	0	106.3	75.6	121	11/17/202
o-Xylene	*	2.0		**51.0**	50.00	0	102.1	79.2	112	11/17/202
Toluene	*	2.0		**48.6**	50.00	0	97.1	78.6	112	11/17/202
trans-1,2-Dichloroethene	*	2.0		**52.1**	50.00	0	104.1	75.7	130	11/17/202
Xylenes, Total	*	4.0		**152**	150.0	0	101.2	78.3	114	11/17/202
Surr: 1,2-Dichloroethane-d4	*			**53.0**	50.00		105.9	80	120	11/17/202
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.2	80	120	11/17/202
Surr: Dibromofluoromethane	*			**52.5**	50.00		105.0	80	120	11/17/202
Surr: Toluene-d8	*			**49.2**	50.00		98.3	80	120	11/17/202

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2020

Work Order: 20110773

Report Date: 19-Nov-20

Carrier: Michael Abegg

Received By: KMT

Completed by: Marvin L. Darling II
On: 12-Nov-20
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 12-Nov-20
Elizabeth A. Hurley

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 2.2
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°C - 6.0°C, 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.

Trip Blank collection dates and times will be reported as the received date and time (end of trip). - MDarling - 11/12/2020 12:31:31 PM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 20110773

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

Client: ERM
Address: 68 Villa Grove
City / State / Zip Springfield, IL 62712
Contact: Brett Carney **Phone:** (217) 529-0914
E-Mail: brett.carney@erm.com **Fax:**

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 2.2 °C UG3
Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes:
OK HS GW07(2), GW16S(2), GW22D(1), TB1(2), TB2(2), MLDII 11/12/20

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 4th Qtr 2020
Sample Collector's Name: Abess/Schmidt

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
20110773-001	GW-01	11/11/20 0745	1	2		X		X	X
-002	GW-02	11/11/20 0710	1	2		X		X	X
-003	GW-03	11/10/20 735	1	2		X		X	X
-004	GW-04R	11/10/20 1100	1	2		X		X	X
-005	GW-05	11/11/20 945	1	2		X		X	X
-006	GW-07	11/10/20 1235	1	2		X		X	X
-007	GW-14	11/10/20 1725	1	2		X		X	X
-008	GW-15	11/10/20 950	1	2		X		X	X
-009	GW-16S	11/9/20 1415	1	2		X		X	X
-010	GW-16D	11/9/20 1330	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature]	11/12/20 1043	[signature]	11/12/20 1045

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.

BottleOrder: 61608

MD 11/11/2020

CHAIN OF CUSTODY

pg. 2 of 5 Work order # 20110773

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

Client: ERM
Address: 68 Villa Grove
City / State / Zip Springfield, IL 62712
Contact: Brett Carney **Phone:** (217) 529-0914
E-Mail: 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	Sample Collector's Name
Ameren Taylorville 4th Qtr 2020	Abess/Schmidt

Results Requested
☒ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl							MATRIX: Aqueous	Groundwater	Trip Blank				INDICATE ANALYSIS REQUESTED: PAHs	VOCs												
20110773-011	GW-17	11/11/20 1105	1	2								X					X	X												
-012	GW-18S	11/11/20 1345	1	2								X					X	X												
-013	GW-18D	11/11/20 1310	1	2								X					X	X												
-014	GW-19S	11/10/20 1600	1	2								X					X	X												
-015	GW-19D	11/10/20 1530	1	2								X					X	X												
-016	GW-20	11/10/20 1415	1	2								X					X	X												
-017	GW-21	11/11/20 0830	1	2								X					X	X												
-018	GW-22S	11/9/20 1510	1	2								X					X	X												
-019	GW-22D	11/9/20 1610	1	2								X					X	X												
~~020~~	~~GW-24~~ MA	MA	1	2								X					X	X												

Relinquished By	Date/Time	Received By	Date/Time
[signature]	11/12/20 1043	[signature]	11/12/20 1045

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.

BottleOrder: 61608

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 20110223

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

Client: ERM
Address: 68 Villa Grove
City / State / Zip Springfield, IL 62712
Contact: Brett Carney **Phone:** (217) 529-0914
E-Mail: 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	Sample Collector's Name
Ameren Taylorville 4th Qtr 2020	Abess/Schmidt

Results Requested
☒ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl							MATRIX: Aqueous	Groundwater	Trip Blank				INDICATE ANALYSIS REQUESTED: PAHs	VOCs												
20110223 -020	~~Dup 1~~ GW-MD-DUP	11/10/2020 1530	1	2								X					X	X												
-021	Field Blank 1	11/9/2020 1530	1	2							X						X	X												
-022	Trip Blank 1	—		2									X					X												
-023	Trip Blank 2	—		2									X					X												
	~~Trip Blank 3~~ NA			2									X					X												
	~~Trip Blank 4~~ NA			2									X					X												
-024	~~Dup 2~~ GW-2-DUP	11/11/2020 710	1	2								X					X	X												
-025	GW-~~25~~ 26	11/10/2020 835	1	2								X					X	X												
-026	GW-~~26~~ 25	11/11/2020 1200	1	2								X					X	X												
	MS/MSD 1	11/11/20 0945	2	4								X					X	X												

Relinquished By	Date/Time	Received By	Date/Time
[signature]	11/12/20 1043	[signature]	11/12/20 1045

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.

BottleOrder: 61608

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS 2015 - 2020

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	0.00017	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	---
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 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	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 5/16/2017	Result 8/16/2017	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
Acenaphthene	mg/L	0.42	< 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	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 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	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 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	< 0.002	**0.0013 J**	< 0.006	< 0.006	**0.0017 JSR**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00012 J**	< 0.0001 B	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0001 B	**0.000156 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1 B	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001	< 0.0001 B	< 0.000222	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000074	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000891**	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.000148	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	**0.0081 J**	**0.00053 J**	< 0.01	**0.0213**	**0.004 J**	< 0.01	< 0.01	**0.00019 J**	**0.0053 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**
Anthracene	mg/L	2.1	**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**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.00401**	**0.0472**	**0.00442**	**0.0021**	**0.0017 J**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00013 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	**0.00039 J**	< 0.0021	< 0.0021	**0.0001 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00012 J**	< 0.0064	**0.00023 J**	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.00013 J**	**0.00011 J**	< 0.0027	< 0.0027	**0.00009 J**	**0.00009 J**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	**5.44**	< 0.6	**1.53**	**1.53**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/16/2017	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
Acenaphthene	mg/L	0.42	**0.0089 J**	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.0103**	**0.00048 J**	**0.000323**	**0.000062 J**	**0.000791**	**0.000065 J**	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.0012 J**	**0.00057 J**	**0.000329**	**0.000348**	**0.000273**	**0.000239**	**0.000243**	**0.000134**	**0.000113**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000059 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	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.00229**	**0.00746**	< 0.008	**0.0018 J**	< 0.002	**0.00615**	**0.0108**	**0.00416**	**0.00756**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	**0.00022 J**	**0.00019 J**	**0.000118**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	**0.00099 J**	**0.00012 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	**0.00057**	< 0.0002
Phenanthrene	mg/L	-	**0.0018 J**	< 0.0064	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.00029 J**	**0.00022 J**	**0.000151**	**0.000155**	**0.000159**	**0.00012**	**0.00013 BJ**	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.21**	< 0.6	< 0.1	< 2	< 2	< 2	< 2	**1.5 J**	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2019	Result 11/14/2019	Result (DUP) 11/14/2019	Result 2/19/2020	Result 5/14/2020	Result (DUP) 5/14/2020	Result 8/14/2020	Result 11/11/2020	Result (DUP) 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000085 J**	**0.00017**	0.000165	< 0.0001 B	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0377**	**0.00335**	**0.00349**	**0.00726**	< 0.00169 C	< 0.00169 C	**0.0225 C**	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000508	< 0.000508	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.00014 J**	0.00012	< 0.0002 B	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.6 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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
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
Anthracene	mg/L	2.1	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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007 J	0.00006 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 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	< 0.002	0.00433	0.00502	0.0014 J	0.00248	0.0011 J	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	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
Fluorene	mg/L	0.28	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
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	< 0.0001	0.00015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
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
Pyrene	mg/L	0.21	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
Benzene	µg/L	5.0	2.34	14.4	22.8	2.16	2 J	16.8	34.6	15.7	14.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Ethylbenzene	µg/L	700	0.29 J	7.44	4.89	0.46 J	0.58 J	4.46	11.6	6.24	5.39
m,p-Xylenes	µg/L	-	3.3 J	66.5	70	1.1 J	1.3 J	41.4	103	34.1	30.7
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.7 B	< 0.2	< 0.2
Naphthalene	µg/L	140	50.6	216	334	20.5	20.5	302	921	439	474
o-Xylene	µg/L	-	3.62	41.4	48.1	1.8 J	2.11	45.6	95.3	36.7	33.3
Toluene	µg/L	1000	0.66 J	14	8.28	0.31 J	0.37 J	7.98	20.8	7.68	6.74
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5
Xylenes, Total	µg/L	10000	6.91	108	118	3 J	3.4 J	87	198	70.8	64.1

Notes:
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 11/15/2016	Result 2/16/2017	Result (DUP) 2/16/2017	Result 5/16/2017	Result (DUP) 5/16/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018
Acenaphthene	mg/L	0.42	**0.00051 J**	**0.00022 J**	**0.0002 J**	**0.00068 J**	**0.00064 J**	**0.00027 J**	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.0024 J**	**0.00084 J**	**0.00085 J**	**0.0028 J**	**0.0033 J**	**0.0015 J**	**0.000147**	**0.000072 J**	**0.000065 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	**0.00019 J**	**0.00022 J**	**0.00016 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 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	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 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	---	---	---	**0.0018 J**	**0.0021**	**0.0107**	< 0.006	**0.00892**	**0.00306**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	**0.0011 J**	**0.0011 J**	**0.001 J**	**0.0019 J**	**0.0021 J**	**0.00225**	**0.00162**	**0.000884**	**0.00109**
Fluorene	mg/L	0.28	**0.0006 J**	**0.0003 J**	**0.00035 J**	**0.001 J**	**0.0013 J**	**0.00059 J**	**0.000122**	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	**0.0003 J**	< 0.0064	**0.00012 J**	**0.00082 J**	**0.00081 J**	< 0.0064	**0.000154**	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.0017 J**	**0.0017 J**	**0.0016 J**	**0.00284**	**0.00325**	**0.00359**	**0.00279**	**0.00034**	**0.00124**
Benzene	µg/L	5.0	**6.65**	**4.52**	**4.92**	**18.7**	**20.8**	**4.99**	**0.75**	< 0.5	**2.55**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.76 J**	**0.3 J**	**0.32 J**	**11.8**	**14.3**	**0.72 J**	< 1	< 1	**0.2 J**
m,p-Xylenes	µg/L	-	**4.22**	**0.53 J**	**0.55 J**	**51.8**	**63.8**	**2.5 J**	< 1	**0.3 J**	**2.27**
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.5	**0.33 J**	< 2
Naphthalene	µg/L	140	**195**	**22.2**	**23.6**	**554**	**370**	**67.7**	**1.05**	< 2	**8.12**
o-Xylene	µg/L	-	**9**	**4.12**	**4.31**	**54.6**	**64.5**	**6.13**	< 1	**0.31 J**	**3.45**
Toluene	µg/L	1000	**0.83 J**	< 2	< 2	**21.6**	**26.8**	**0.92 J**	< 2	**0.47 J**	**0.54 J**
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 25	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**13.2**	**4.65**	**4.86**	**106**	**128**	**8.6**	< 1	**0.61 J**	**5.72**

Notes:
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E = Value above quantitation range
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/13/2019	Result 11/14/2019	Result 2/19/2020	Result 5/12/2020	Result 8/14/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	0.000624	0.000792	0.00122	0.000844	0.00117	0.00139	0.000473
Acenaphthylene	mg/L	-	0.000143	0.000083 J	0.00018	0.00247	0.00229	0.00563	0.00292	0.0042 J	0.00501	0.00183
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000163	0.00013	0.000154	0.00017 J	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	0.000055 J	0.000096 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	0.000072 J	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	0.00005 J	0.000101	< 0.0001	< 0.0001	0.000133	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	0.000051 J	< 0.0001	< 0.0002	0.00018 J	< 0.0002	< 0.0002	< 0.000164	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00266	< 0.002	0.00655	0.00207	< 0.05	0.0109	< 0.00164 C	0.0461 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	0.000076 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00103	0.000901	0.000626	0.00089	0.000664	0.00101	0.000421	0.000306	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	0.000828	0.00113	0.00244	0.00186	0.00274	0.00314	0.0012
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00031	< 0.0001	0.000081 J	< 0.000082	0.000071 J	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	0.00057 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	0.00094 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.0100
Naphthalene	mg/L	0.14	---	---	---	0.542	0.00132	0.597	0.153	0.521	0.587	0.128
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.000653	0.000613	0.000971	0.0011	0.000605
Pyrene	mg/L	0.21	0.00155	0.00118	0.000953 B	0.00155	0.00109	0.00183	0.000819	0.000661	0.000298	< 0.0002
Benzene	µg/L	5.0	0.16 J	0.41 J	3.71	43.9	30.2	10.8	24	50.1	47.1	16.2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	0.14 J	23.8	7.3 J	3.81	12.7	42.6	40.5	21.6
m,p-Xylenes	µg/L	-	< 1	0.31 J	2.65	124	83.1	22.8	41.6	135	76	9.33
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	1.8 J	26.9	606	1020	674	654	1000	842	924
o-Xylene	µg/L	-	0.13 J	1.02	5.56	112	86.8	28.6	52.2	124	107	31
Toluene	µg/L	1000	0.16 J	< 2	0.29 J	43.4	11 J	2.68	6.2	21.8	11.5	2.34
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	1.33	8.21	237	170	51.3	93.9	259	183	40.4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	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
Acenaphthylene	mg/L	-	0.0049 J	0.0044 J	0.0073 J	0.0052 J	0.0061 J	0.0069 J	0.0095 J	0.0074 J	0.0053 J	0.0037 J
Anthracene	mg/L	2.1	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
Benzo(a)anthracene	mg/L	0.00013	0.00022	0.00014	0.00024	0.00013	0.00016	0.0001 J	0.00012	0.00016	0.00017	0.000121
Benzo(a)pyrene	mg/L	0.0002	< 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	0.00018	0.00012	0.00012	0.00025	< 0.0001	0.0001	0.00011	< 0.0001	0.00014	0.00012	< 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	0.00017	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	< 0.002
Chrysene	mg/L	0.0015	0.00031	0.0004	0.00084	0.00016	0.0003	0.00022	0.0002	0.00048	0.00028	0.000207
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.0018 J	0.00242	0.00402	0.0018 J	0.00261	0.0018 J	0.00228	0.00357	0.00237	0.0018 J
Fluorene	mg/L	0.28	0.02	0.0239	0.0461	0.035	0.0396	0.0384	0.0467	0.0559	0.0447	0.0294
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	0.0244	0.0241	0.0149	0.00553	0.013	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.0157	0.023	0.0338	0.0271	0.0197	0.0236	0.0283	0.0442	0.0313	0.0198
Pyrene	mg/L	0.21	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
Benzene	µg/L	5.0	1270	1380	400	947	526	1110	547	519	1680	1750
Bromoform	µg/L	1.0	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 2	< 100	< 100
Ethylbenzene	µg/L	700	137	148	122	156	154	191	139	169	200	260
m,p-Xylenes	µg/L	-	75.7	101	68.9	79.3	81	144	108	124	200 J	170 J
Methylene chloride	µg/L	5.0	< 2	2.6	2.2	< 2	3.2	33.8 B	7.2	0.2	< 10	< 10
Naphthalene	µg/L	140	1350	1500	3140	2050	2480	2330	3390	2240	1960	2120
o-Xylene	µg/L	-	125	130	122	131	132	139	122	147	169	183
Toluene	µg/L	1000	138	191	131	219	165	518	301	249	553	316
trans-1,2-Dichloroethene	µg/L	100	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 5	< 250	< 250
Xylenes, Total	µg/L	10000	200	231	191	210	213	282	230	271	368	352

Notes:
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 8/17/2017	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
Acenaphthene	mg/L	0.42	0.00789	0.00727	0.00737	0.0077	0.0139	0.0109	0.0108	0.0252	0.0165	0.0161
Acenaphthylene	mg/L	-	0.00633	0.00302	0.00178	0.00337	0.00913	0.0047	0.00445	0.0073 J	0.00597	0.0049
Anthracene	mg/L	2.1	0.0013 J	0.000558	0.000714	0.000411	0.00108	< 0.0025	0.0018 J	0.00106	0.000475	0.000814
Benzo(a)anthracene	mg/L	0.00013	0.000164	0.00017	0.00022	0.000117	0.00018	< 0.0025	< 0.0025	0.000147	0.000108	0.000185
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000085 J
Benzo(b)fluoranthene	mg/L	0.00018	0.00011	0.000168	0.000215	0.000106	0.000162	< 0.0025	< 0.0025	0.000164	0.000087 J	0.000191
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	0.000071 J	< 0.0001	0.000052 J	< 0.0025	< 0.0025	0.00005 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0025	< 0.0025	0.000052 J	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0017 J	< 0.006	< 0.002	< 0.002	< 0.002	< 0.05	< 0.05	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000288	0.000515	0.000732	0.000384	0.000554	< 0.0025	< 0.0025	0.000419	0.000317	0.000353
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	0.00404	0.00385	0.00305	0.00337	0.00392	< 0.005	< 0.005	0.00308	0.00283	0.00287
Fluorene	mg/L	0.28	0.0513	0.039	0.0466	0.0374	0.0644	0.0505	0.0507	0.0837	0.0519	0.0495
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	0.000106	0.00008 J	< 0.0001	0.000084 J	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000178
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 1
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 1
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	1.14	1.59
Phenanthrene	mg/L	-	0.0453	0.0398	0.0247	0.0355	0.0513	0.0447	0.045	0.0734	0.0406	0.0406
Pyrene	mg/L	0.21	0.0021 J	0.00181	0.00156	0.00168	0.00187	< 0.005	< 0.005	0.0014 B	0.00128	0.0014
Benzene	µg/L	5.0	599	565	355	979	630	958	871	1300	753	590
Bromoform	µg/L	1.0	< 100	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Ethylbenzene	µg/L	700	145	128	70.9	103	132	182	177	223	203	187
m,p-Xylenes	µg/L	-	140 J	102	64.8	110	146	173	155	276	247	149
Methylene chloride	µg/L	5.0	< 10	50.5	< 5	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Naphthalene	µg/L	140	2220	1790	1440	2670 E	3970	3680	3690	4580	4190	3740
o-Xylene	µg/L	-	131	104	59.7	94.5	132	151	139	185	167	121
Toluene	µg/L	1000	284	264	140	316	267	297	281	728	537	308
trans-1,2-Dichloroethene	µg/L	100	< 250	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Xylenes, Total	µg/L	10000	276	206	124	205	278	324	294	461	414	270

Notes:
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/14/2019	Result 11/13/2019	Result (DUP) 11/13/2019	Result 2/18/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	**0.0148**	**0.0251**	**0.0226**	**0.0133**	**0.0212**	**0.0284**	**0.0148**
Acenaphthylene	mg/L	-	**0.00482**	**0.00739**	**0.0056 J**	**0.00336**	< 0.000075	**0.00407**	**0.00144**
Anthracene	mg/L	2.1	**0.000711**	**0.00173**	**0.00146**	**0.000775**	< 0.000226	**0.000868**	**0.000536**
Benzo(a)anthracene	mg/L	0.00013	**0.000131**	**0.000278**	**0.000302**	**0.000102**	**0.000086**	**0.000113**	**0.000142**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.01	**0.000061 J**	< 0.0001	< 0.000075	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	**0.000132**	< 0.01	**0.000315**	**0.0001**	**0.000059 J**	< 0.0001	**0.000139**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.02	**0.00017 J**	< 0.0002	< 0.00015	< 0.0002	**0.00005 J**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.01	**0.000093 J**	< 0.0001	< 0.000075	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0015 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	**0.000322**	**0.000795**	**0.000912**	**0.000284**	**0.000235**	**0.000313**	**0.000401**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.01	**0.000062 J**	< 0.0001	< 0.000075	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	**0.002 J**	< 0.01	< 0.00752	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00278**	**0.00616**	< 0.02	**0.00349**	**0.00315**	**0.00366**	**0.00265**
Fluorene	mg/L	0.28	**0.0434**	**0.0857**	**0.0788**	**0.0464**	**0.0694**	**0.0777**	**0.0399**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000102**	< 0.01	**0.000166**	**0.000092 J**	< 0.000075	**0.000073 J**	< 0.0001
m,p-Cresol	mg/L	-	< 1	< 0.01	< 1	< 1	**0.0017 J**	**0.0081 J**	**0.00075 J**
o-Cresol	mg/L	0.35	< 1	< 0.01	< 1	< 1	< 0.752	**0.0161**	< 0.0100
Naphthalene	mg/L	0.14	**3.23**	**2.53**	**2.99**	**1.37**	**1.69**	**1.89**	**1.50**
Phenanthrene	mg/L	-	**< 0.04**	**0.079**	**0.0674**	**0.0422**	**0.0537**	**0.0681**	**0.0383**
Pyrene	mg/L	0.21	**0.0013**	**0.00261**	**0.00308**	**0.00161**	**0.00141**	**0.00176**	**0.00143**
Benzene	µg/L	5.0	**618**	**495**	**506**	**535 S**	**739**	**450**	**399**
Bromoform	µg/L	1.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2
Ethylbenzene	µg/L	700	**195**	**190**	**187**	**173**	**246**	**200**	**180**
m,p-Xylenes	µg/L	-	**156**	**156**	**157**	**159**	**204**	**192**	**168**
Methylene chloride	µg/L	5.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2
Naphthalene	µg/L	140	**4050**	**3710**	**3790**	**3570**	**5560**	**4700 E**	**4130**
o-Xylene	µg/L	-	**125**	**124**	**130**	**115**	**154**	**135**	**192**
Toluene	µg/L	1000	**324**	**244**	**243**	**312 S**	**579**	**407**	**125**
trans-1,2-Dichloroethene	µg/L	100	< 40	< 2	< 2	< 2	< 20	< 2	< 2
Xylenes, Total	µg/L	10000	**281**	**280**	**287**	**274**	**358**	**327**	**359**

Notes:
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result (DUP) 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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066 S
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0195**	**0.00664**	**0.0163**	**0.0089**	**0.00718**	**0.00763**	**0.00558**	**0.00351**	---	---
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033 S
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021 S
Fluorene	mg/L	0.28	< 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	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027 S
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**6.55**	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/18/2016	Result 11/16/2016	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 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	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 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	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 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	---	---	---	---	**0.00861**	**0.011**	**0.013**	**0.00907**	**0.0218**	**0.0122**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.0001 J**	< 0.0001 B	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.00013** B	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.0001	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	**0.00008 J**	< 0.0001	**0.000051 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000233	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000094 J**	< 0.0001	**0.000197**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	**0.000079 J**	< 0.0001	**0.000097 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	**0.000066 J**	< 0.0001	**0.000206**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	**0.000045 J**	< 0.0001	**0.000084 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00256**	**0.00287**	**0.0049**	**0.0103**	**0.00671**	**0.0089**	< 0.002	**0.0101**	**0.00227 C**
Chrysene	mg/L	0.0015	**0.000062 J**	< 0.0001	**0.000268**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.000204**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000233	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	**0.000141**	< 0.0001	< 0.0001	< 0.0001	0.000158	< 0.000155	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000214**	**0.000404**	**0.00366**	**0.00103**	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000465	< 0.0006
Pyrene	mg/L	0.21	< 0.0001	< 0.0002	**0.00017 BJ**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.41 J**	< 0.5	< 0.5	**0.22 J**	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.31 J**	< 1	< 1	**0.2 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.35 J**	< 1	< 1	**0.19 J**	**0.18 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.81 J**	< 2	**35.9**	< 2	**0.49 J**	< 2	**46.6**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.23 J**	< 1	< 1	**0.13 J**	**0.11 J**	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.4 J**	< 2	< 2	**0.17 J**	**0.17 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	**0.58 J**	< 2	< 2	**0.32 J**	**0.29 J**	< 2	< 2

Notes:
B = Analyte detected in associated method blank
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C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/13/2020		Result 11/11/2020	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001		< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00286**	**C**	**0.00845**	**S**
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001		< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001		< 0.0001	
m,p-Cresol	mg/L	-	< 0.01		< 0.01	R
o-Cresol	mg/L	0.35	< 0.01		< 0.0100	SR
Naphthalene	mg/L	0.14	< 0.0004		**0.00159**	**S**
Phenanthrene	mg/L	-	< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2	
Ethylbenzene	µg/L	700	< 1		**0.25**	**J**
m,p-Xylenes	µg/L	-	< 1		**0.29**	**J**
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2	
o-Xylene	µg/L	-	< 1		**0.17**	**JS**
Toluene	µg/L	1000	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		**0.46**	**J**

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 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
Anthracene	mg/L	2.1	**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
Benzo(a)anthracene	mg/L	0.00013	**0.0002**	**0.00026**	**0.00019**	**0.0002**	**0.00018**	**0.00018**	**0.00018**	**0.00015**	**0.00007** J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00224**	**0.0102**	**0.00429**	**0.00232**	0.00315	**0.00209**	**0.0013** J	---	---
Chrysene	mg/L	0.0015	**0.0001**	< 0.00026	< 0.0001	**0.0001**	< 0.0001	**0.00009** J	< 0.0001	**0.00008** J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	**0.0011** J	**0.00087**	**0.00098** J	**0.001** J	**0.00083** J	**0.00086** J	**0.0008** J	**0.00068** J	< 0.0021
Fluorene	mg/L	0.28	**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
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 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	0.35	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	**0.00014** J	< 0.00263	< 0.0064	< 0.0064	**0.00013** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	**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
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	**0.24**	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**1.47**	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 11/15/2016	Result 2/15/2017	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 11/6/2018	Result 2/18/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	**0.00013 J**	< 0.0001	**0.000144**	< 0.0001	**0.000137**	**0.000149**	**0.000111**
Acenaphthylene	mg/L	-	< 0.01	**0.00011 J**	**0.00019 J**	**0.00019 J**	**0.000229**	**0.00034**	**0.000244**	**0.000282**	**0.00027**	**0.000266**
Anthracene	mg/L	2.1	**0.00063 J**	**0.00078 J**	**0.00091 J**	**0.0012 J**	**0.00179**	**0.00308**	**0.00198**	**0.00215**	**0.00164**	**0.00218**
Benzo(a)anthracene	mg/L	0.00013	**0.00015**	**0.00019**	**0.0002**	**0.000188**	**0.000192**	**0.000301**	**0.000203**	**0.000195**	**0.000224**	**0.0002**
Benzo(a)pyrene	mg/L	0.0002	< 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	0.00018	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 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	---	---	**0.015**	**0.0149**	< 0.006	**0.00692**	**0.00796**	**0.0131**	**0.00353**	**0.00667**
Chrysene	mg/L	0.0015	**0.00008 J**	**0.0001**	**0.000148**	**0.000159**	**0.000144**	**0.000222**	**0.000133**	**0.000153**	**0.000135**	**0.000147**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	**0.00258**	---	---
Fluoranthene	mg/L	0.28	**0.00075 J**	**0.001 J**	**0.0013 J**	**0.0016 J**	**0.00199**	0.0032	**0.00228**	**0.00039**	**0.00204**	**0.0022**
Fluorene	mg/L	0.28	**0.0002 J**	**0.0002 J**	**0.00036 J**	**0.00033 J**	**0.000376**	**0.000595**	**0.000427**	< 0.0001	**0.000353**	**0.000397**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000233**	**0.000096 J**	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.0011 J**	**0.0014 J**	**0.0018 J**	**0.0021 J**	**0.00259**	**0.00466**	**0.00336**	**0.00371**	**0.00281**	**0.00297 B**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.12 J**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	**6.88**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.12 J**
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	**0.000136**	**0.000078 J**	**0.000086 J**	**0.000099 J**	**0.000077 J**	**0.000063 J**	**0.000071 J**	**0.000076 J**
Acenaphthylene	mg/L	-	**0.000253**	**0.000142**	**0.000135**	**0.000186**	**0.000116**	**0.000098**	**0.000105**	**0.000142**
Anthracene	mg/L	2.1	**0.00186**	**0.00106**	**0.00101**	**0.000964 R**	**0.000877**	**0.00069**	**0.000772**	**0.0012**
Benzo(a)anthracene	mg/L	0.00013	**0.000225**	**0.000213**	**0.000189**	**0.000221**	**0.000164**	**0.000141**	**0.000168**	**0.000155**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0005 R	**0.000057 J**	< 0.000072	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.001 R	< 0.0002	< 0.000144	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0019 J**	**0.00364 S**	**0.0048**	< 0.005 S	**0.011**	**0.0022 C**	**0.00202 C**	**0.00655**
Chrysene	mg/L	0.0015	**0.000145**	**0.000121**	**0.000145**	**0.000184**	**0.000116**	**0.000101**	**0.00014**	**0.000112**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00214**	**0.00142**	**0.00137**	**0.00126**	**0.00113**	**0.000996**	**0.000951**	**0.00119**
Fluorene	mg/L	0.28	**0.000457**	**0.000249**	**0.000255**	**0.000284**	**0.000235**	**0.000165**	**0.000205**	**0.000278**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0005 SR	< 0.0001	< 0.000072	**0.000076 J**	< 0.0001
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**	< 0.000288	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00312**	**0.00199**	**0.00194**	**0.00012 JSR**	**0.0016**	**0.00152**	**0.0014**	**0.00185**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.51**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	**6.07**	< 2	**0.64 J**	**1.4 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.1 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-9S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000155
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004	< 0.000465
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002	< 0.000155
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 4	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 0.2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 0.6	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.85 B**	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 5	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 4	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-9D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000216
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000144
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	**0.00291**	< 0.002	< 0.002	< 0.00144 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00719
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000216
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000144
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00719
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00719
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000288
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000432
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000144
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.21 B**	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-11 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Well Destroyed
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	
m,p-Cresol	mg/L	-	< 0.0001	---	---	
o-Cresol	mg/L	0.35	< 0.0001	---	---	
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	
Benzene	µg/L	5.0	< 2	< 2	< 2	
Bromoform	µg/L	1.0	< 2	< 2	< 2	
Ethylbenzene	µg/L	700	< 2	< 2	< 2	
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	
o-Xylene	µg/L	-	< 2	< 2	< 2	
Toluene	µg/L	1000	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	

Notes:
B = Analyte detected in associated method blank
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S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-12 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Result 5/10/2018	Result 5/6/2019	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.000078
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	**0.000043 J**	< 0.0002	< 0.000155
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000044 J**	< 0.000078
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000465
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000155
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.25 J**	< 2	**0.18 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-13S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000227
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.00012**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.00036**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	**0.00056** J	< 0.00076	< 0.0001	< 0.0002	< 0.000152
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	**0.0003**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00152 C
Chrysene	mg/L	0.0015	< 0.0001	**0.00009** J	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	**0.00052**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00758
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000227
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000152
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	**0.00053**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00758
o-Cresol	mg/L	0.35	< 0.0001	< ---	---	---	---	< 0.00758
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000303
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000455
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000152
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-13D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000229
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00011**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00035**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00061** J	< 0.00076	< 0.0001	< 0.0002	< 0.000153
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00029**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00153 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.0006**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	**0.0033**	---	---	< 0.00763
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000229
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000153
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00059**	< 0.0001	< 0.0001	< 0.0001	< 0.000076
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	< 0.00763
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	< 0.00763
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.000305
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000458
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000153
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	**0.25**	**0.22**	< 0.2 B	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.00227	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.00227	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00023	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0018** J	**0.00214**	**0.00952**	**0.00738**	**0.00818**	**0.0154**	---	---	---	---	**0.0316**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.00227	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.00023	< 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	0.35	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.00227	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	**0.22**	< 0.2	< 0.2
Naphthalene	µg/L	140	< 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	1000	< 2	< 2	< 2	< 2	**0.26** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 8/16/2017	Result 11/21/2017	Result 2/15/2018	Result 5/7/2018	Result 8/13/2018	Result 11/7/2018	Result 2/19/2019	Result 5/8/2019	Result 8/12/2019	Result 11/12/2019
Acenaphthene	mg/L	0.42	< 0.01	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 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	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.00962**	< 0.006	**0.0094**	**0.00367**	**0.0173**	**0.0126**	< 0.002	< 0.002	**0.00622**	**0.00583**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	**0.000031 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	0.7	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000095**	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000182 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.5	**0.2 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	**1.4 J**	< 2	< 2	**2.89**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000217	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000145	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0108**	**0.00417 C**	**0.0336 C**	**0.00766**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00725	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000217	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000145	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000072	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.00725	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00725	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.00029	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000435	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000145	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**2.88**	< 2	**0.38 J**	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	**0.00006 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001 S	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0012 J**	**0.00365 SR**	**0.00612**	**0.00583**	**0.00277**	**0.0025**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 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	0.00043	< 0.0001	< 0.0001 S	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.22 B**	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**2.6**	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.38 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.000064 J**	**0.000053 J**	< 0.0001	< 0.0001 S	**0.000055 J**
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	**0.000053 J**	**0.000076 J**	**0.000063 J**	< 0.0001	**0.000063 JS**	**0.000069 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< **0.0001 S**	**0.000052 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00335**	**0.00567**	< 0.006	**0.0111**	**0.00563**	**0.0109**	**0.00274 SR**	**0.0039**	**0.00327**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.00012 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002 S	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	**0.000095 J**	**0.0001**	**0.000072 J**	**0.00011**	**0.000101**	< 0.0001	< 0.0001 S	**0.0001 J**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.000119**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.0001 J**	< 0.0001	**0.000066 J**	< 0.0001	< 0.0001	**0.000143**	< 0.0002 S	**0.00011 BJ**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.9**	< 2	< 2	**0.8 J**	< 2 B	< 2	< 2	**1.7 J**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.000074	< 0.0001	**0.000081 J**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**	< 0.000074	< 0.0001	**0.000084 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	**0.000078 J**	< 0.000074	< 0.0001	**0.000069 J**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**	< 0.000074	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.014**	**0.00331**	**0.00802**	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000085 J**	< 0.000074	**0.000074 J**	< 0.0001
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**1.6 J**	**1.7 J**	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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	2.1	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	0.00017	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	**0.00264**	**0.00446**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 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	0.28	< 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	0.28	< 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	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
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
Pyrene	mg/L	0.21	< 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	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.62**	< 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	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	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	Result 11/11/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.0446**	**0.0293**	**0.0142**	< 0.002	**0.00774**	**0.00353**	**0.012**	**0.00454**	**0.0327**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000273**	< 0.0002
Fluorene	mg/L	0.28	< 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	0.00043	< 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	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	**0.000133 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	**0.00011 J**	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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
Methylene chloride	µg/L	5.0	< 0.5	**0.34 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	**0.7 J**	< 2	< 2	< 2	< 2 B	< 2	**1 J**	**1.1 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

Notes:
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J = Analyte detected below quantitation limits
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020		Result 8/12/2020		Result 11/9/2020	
Acenaphthene	mg/L	0.42	< 0.000076		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.000076		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.000227		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.000076		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.000076		< 0.0001		< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000076		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.000152		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000076		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207**	**C**	**0.00771**	**C**	**0.00589**	
Chrysene	mg/L	0.0015	< 0.000076		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000076		< 0.0001		< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.00758		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.000227		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.000152		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000076		< 0.0001		< 0.0001	
m,p-Cresol	mg/L	-	< 0.00758		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.00758		< 0.01		< 0.0004	
Naphthalene	mg/L	0.14	< 0.000303		**0.00164**		< 0.01	
Phenanthrene	mg/L	-	< 0.000455		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.000152		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2	B
o-Xylene	µg/L	-	< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/11/2015	Result 5/11/2015	Result 8/17/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/14/2016	Result 2/14/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.00263	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.00263	< 0.00263	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.00026	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00272**	**0.0095**	**0.0095**	**0.0031**	**0.00294**	**0.00425**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.00026	< 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	0.35	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00263	< 0.00263	< 0.0064	**0.00011** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00263	< 0.00263	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.89** J	**0.95** 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
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/15/2017	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
Acenaphthene	mg/L	0.42	< 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	2.1	< 0.0066	**0.00032 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 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	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.0138**	**0.0019 J**	< 0.008	**0.00465**	**0.0438**	**0.00939**	**0.0035**	**0.00566**	**0.00573**	< 0.01 S
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00021 J**	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	**0.00011 J**	< 0.0064	**0.000124 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.00011 J**	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	**0.23 J**	**0.22 J**	**0.41 J**	**0.56**	**0.71**	**0.71**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.2 J**
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	**0.22 J**	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	**0.81 J**	**0.48 J**
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.12 J**
trans-1,2-Dichloroethene	µg/L	100	**0.67 J**	**0.8 J**	< 2	**0.56 J**	**0.53 J**	< 2	**0.39 J**	**0.3 J**	< 2	**0.13 J**
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00421**	**0.0141**	< 0.002	< 0.002	**0.012 C**	**0.00595 C**	**0.011 C**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**0.77**	**0.3 J**	**0.11 J**	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	**0.79 J**	**0.83 J**	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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	2.1	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	0.00017	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	**0.00225**	**0.00328**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 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	0.28	< 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	0.28	< 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	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
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	0.21	< 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	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.98** B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**0.5** J	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	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	Result 11/12/2019	Result 2/18/2020	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000115**	< 0.000231
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.000077
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000154
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	< 0.002	**0.00742**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	**0.00215**	**0.00257 C**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000047 J**	< 0.000077
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000288**	< 0.000231
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000308
Phenanthrene	mg/L	-	**0.00011 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000462
Pyrene	mg/L	0.21	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	**0.00023**	< 0.000154
Benzene	µg/L	5.0	< 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	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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
Methylene chloride	µg/L	5.0	< 0.5	**0.48 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	< 2	< 2	< 2	**0.61 J**	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020		Result 11/11/2020	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001		< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00467**	**C**	< 0.002	C
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001		< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000078**	**J**	< 0.0001	
m,p-Cresol	mg/L	-	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.0004	
Naphthalene	mg/L	0.14	< 0.0004		< 0.01	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2	B
o-Xylene	µg/L	-	< 1		< 1	
Toluene	µg/L	1000	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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	2.1	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	0.00017	< 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	**0.0011** J	< 0.002	**0.00211**	**0.0014** J	**0.0013** J	---	---	---	---	**0.00827**	**0.0015** J
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 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	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000092** J
Fluorene	mg/L	0.28	< 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	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
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	0.21	< 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	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.2** B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.94**	< 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	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	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 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000114**
Benzo(a)anthracene	mg/L	0.00013	**0.000118 S**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000054 J**	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	**0.000132 S**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 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	< 0.01	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006 S	**0.00347**	**0.00327**	< 0.002	< 0.002	**0.00433**	**0.00229**	**0.00265**	**0.0037**	**0.0118**
Chrysene	mg/L	0.0015	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000051 J**	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001 S	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 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	0.00043	**0.000143**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	**0.00011 J**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	**0.94 J**	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	**0.52 J**	< 2	< 2	< 2	**0.52 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result 8/14/2020		Result 11/11/2020	
Acenaphthene	mg/L	0.42	< 0.000078	< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.000078	< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.000234	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.000078	< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.000078	< 0.0001		< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000078	< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.000156	< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000078	< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00309**	**0.00244**	**C**	**0.00299**	
Chrysene	mg/L	0.0015	< 0.000078	< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000078	< 0.0001		< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.00781	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.000234	< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.000156	< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000078	**0.00007**	**J**	< 0.0001	
m,p-Cresol	mg/L	-	< 0.00781	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.00781	< 0.01		< 0.0004	
Naphthalene	mg/L	0.14	< 0.000312	< 0.0004		< 0.01	
Phenanthrene	mg/L	-	< 0.000469	< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.000156	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5	< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2	< 2		< 2	
Ethylbenzene	µg/L	700	< 1	< 1		< 1	
m,p-Xylenes	µg/L	-	< 1	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2	< 2		< 2	
Naphthalene	µg/L	140	< 2	< 2		< 2	B
o-Xylene	µg/L	-	< 1	< 1		< 1	
Toluene	µg/L	1000	< 2	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2		< 2	
Xylenes, Total	µg/L	10000	< 2	< 2		< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result (DUP) 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result (DUP) 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 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	2.1	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	0.00017	< 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	**0.0014** J	**0.0014** J	**0.0033**	**0.003**	**0.0019** J	**0.00201**	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 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	0.28	< 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	0.28	< 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	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
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	0.21	< 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	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.21** B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	**5.63**	< 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	1000	< 2	< 2	< 2	< 2	**0.3** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result (DUP) 11/21/2017	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	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 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	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00111	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 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	**0.00679**	**0.00472**	< 0.006	< 0.006	**0.00371**	**0.00222**	**0.00371**	< 0.002	< 0.002	< 0.0111	**0.00517**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.00015** J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00111	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 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	0.00043	< 0.0001	< 0.0001	< 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	0.35	---	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.00111	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0001	**0.000108**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00222	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.00111	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.13** J	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	**0.25** J	**0.4** J	**0.42** J	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.01	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.1	**0.00559**	< 0.00155 C	< 0.002 C	**0.00331**
Chrysene	mg/L	0.0015	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.45 J**	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.32 J**	**0.21 J**	< 2	**0.13 J**	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	0.00017	< 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	**0.00207**	**0.00262**	**0.0023**	**0.0019** J	< 0.002	---	---	---	---	**0.00452**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 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	0.00043	< 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	0.35	**0.00021**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 8/18/2017	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 5/7/2019	Result 8/13/2019	Result 11/12/2019
Acenaphthene	mg/L	0.42	< 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	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 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	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.00917**	**0.00917**	**0.00664**	**0.00352**	**0.00794**	< 0.002	**0.0019 J**	**0.00434**	**0.0232**	**0.00425**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.37 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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mg/L = milligrams per liter
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Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result - DUP 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result - DUP 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.00146 C	< 0.002 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.0073	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.000292	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.000438	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.32 J**	< 2 B	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.00071 H	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0002	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00595**	**0.0304 H**	**0.00871**	**0.00222**	**0.00259**	---	---	---	---	**0.0109**	**0.00473**
Chrysene	mg/L	0.0015	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	**0.00079 H**	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0002	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 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	0.35	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
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
Pyrene	mg/L	0.21	< 0.0027	< 0.00071 H	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0002	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 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	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	**0.45 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/18/2017	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	0.42	< 0.01	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 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	**0.000051 J**	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.00579**	< 0.006	**0.0013 J**	**0.00502**	**0.0149**	< **0.002**	**0.0146**	**0.00315**	**0.00632**	**0.0342**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000112**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000175**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.41 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	**0.1 J**	**0.11 J**	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 11/13/2019	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000234	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000054 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	**0.000071 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.002 J**	< 0.002	< 0.00156 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	**0.000058 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.39 J**	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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	0.00013	< 0.0001	< 0.0001	**0.00009 J**	**0.00016**	< 0.0001	< 0.0001	**0.00008 J**	< 0.0001	**0.00009 J**	**0.00007 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	**0.00026**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.0001 J**	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00019**	**0.00022**	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00011 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 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	0.00043	< 0.0001	< 0.0001	**0.00015**	**0.00016**	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.0001 J**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.00014 J**	**0.00019 J**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**0.45 J**	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	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	0.42	< 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	**0.00007 J**	**0.000184**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 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	0.0002	< 0.0001	< 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	0.00018	< 0.0001	< 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	< 0.00076	**0.000186**	**0.000138**	**0.000224**	**0.000513**	< 0.0001	**0.000076 J**	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000064 J**	**0.000163**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 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	0.0003	< 0.0001	< 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	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000094 J**	**0.000165**	< 0.0002	< 0.0002	**0.00017 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	0.00043	< 0.0001	< 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	0.35	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.00014 BJ**	**0.000205**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.000097 J**	**0.00018**	**0.000056 J**	**0.000135**	**0.000336**	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/14/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000111**	< 0.0001	**0.000106**	**0.000139**	**0.000155**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000087 J**	< 0.0001	**0.000129**	**0.000195**	**0.000141**
Benzo(a)pyrene	mg/L	0.0002	**0.000249**	**0.000107**	**0.000337**	**0.000648**	**0.000505**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000214**	**0.000138**	**0.000283**	**0.000586**	**0.000342**
Benzo(g,h,i)perylene	mg/L	-	**0.000279**	**0.00017 J**	**0.000366**	**0.000805**	**0.000547**
Benzo(k)fluoranthene	mg/L	0.00017	**0.000055 J**	< 0.0001	**0.000099**	**0.000147**	**0.000085 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.00154 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	**0.000109**	< 0.0001	**0.00013**	**0.000245**	**0.000183**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	**0.000138**	**0.00008 J**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000231	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000197**	**0.000148**	**0.000251**	**0.000537**	**0.000319**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00016 J**	< 0.0002	**0.000239**	**0.000248**	**0.000328**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	**0.00007 J**	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 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	0.00018	< 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	0.00017	< 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	**0.00384**	< 0.002	**0.00837**	**0.00812**	**0.001 J**	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 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	0.00043	< 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	0.35	< 0.0001	**0.00019**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**2.51**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.35 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 2/15/2017	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
Acenaphthene	mg/L	0.42	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	**0.00016** J	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000054** J	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 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	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006** J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000054** J	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	---	**0.0019** J	**0.0015** J	< 0.006	**0.0013** J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000043** J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00015** J	< 0.0021	**0.000107** B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	**0.00011** J	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.00018** J	< 0.0064	**0.000214** B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.00012** J	< 0.0027	< 0.0001 B	**0.000041** J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/12/2020	Result 8/14/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000214	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000072 J**	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.00007 J**	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000069 J**	< 0.000071	**0.000123**	**0.000074 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000143	**0.0001 J**	**0.000054 J**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.00271 C**	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000071 J**	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000143	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000087 J**	< 0.000071	**0.000126**	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000286	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000429	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000143	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	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 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0138	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.00021	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.00021	< 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	< 0.00417	< 0.002	**0.0013** J	< 0.002	< 0.002	---	---	---	---	**0.0015** J
Chrysene	mg/L	0.0015	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.00688	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.00438	< 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	0.00043	< 0.00021	< 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	0.35	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0133	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.00562	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	**0.29**	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**0.52** J	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 8/17/2017	Result 11/22/2017	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	0.42	< 0.01	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 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	0.0002	< 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	0.00018	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 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	**0.00399**	< 0.006	**0.0017 J**	**0.00445**	**0.00264**	**0.00477**	< 0.002	< 0.002	**0.00455**	< 0.002
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	**0.0001**	< 0.0001	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002	**0.00015 J**	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	**0.000203**	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000134**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	**0.000035**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.5 J**	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 11/13/2019	Result 2/20/2020	Result 5/14/2020	Result - DUP 5/14/2020	Result 8/13/2020	Result 11/9/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	**0.000637**	< 0.000231	< 0.000231	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.000088 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000061 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000154	< 0.000154	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00191 C**	< 0.00154 C	**0.00279 C**	**0.00517**
Chrysene	mg/L	0.0015	< 0.0001	**0.000084 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	**0.000524**	< 0.000231	< 0.000231	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.000154	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	**0.000093 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.000308	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	**0.000695**	< 0.000462	< 0.000462	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000449**	< 0.000154	< 0.000154	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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	2.1	< 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	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006** J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 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	0.00018	< 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	0.00017	< 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	**0.0029**	**0.00494**	**0.00646**	**0.00803**	**0.0011** J	---	---	---	---	**0.00298**	**0.00913**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 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	0.28	< 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	0.28	< 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	0.00043	< 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	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
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	0.21	< 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	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 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	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	**0.73**	< 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	1000	< 2	< 2	< 2	**0.25** J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result (DUP) 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 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	2.1	< 0.0066	< 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	0.00013	< 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	0.0002	< 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	0.00018	< 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	0.00017	< 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	**0.00566**	< 0.006	**0.00529**	**0.00829**	**0.00939**	**0.00579**	**0.00243**	**0.00215**	**0.0111**	**0.00834**	**0.00636**
Chrysene	mg/L	0.0015	< 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	0.0003	< 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	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000142**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 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	0.00043	< 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	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	**0.00126**	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000882**	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	**2.86**	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000242	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000161	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00161 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000081	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00806	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000242	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000161	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000081	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.00806	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00806	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000323	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000484	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000161	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result (DUP) 8/14/2020	Result 8/14/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	**0.00069 J**	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.45 J**	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	**0.000082 J**	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000142	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-101S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000234
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00016** J	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000156
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00156 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.00013**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00781
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000234
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000156
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00014**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.000312
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000469
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000156
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-102S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000214
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000143
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00714
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000214
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000143
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.00714
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.00714
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.000286
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00018 J**	< 0.0064	< 0.0004	< 0.0004	< 0.000429
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000143
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.41 J**	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-102D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/27/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000074
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001 SR	< 0.0001	< 0.000074
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000221
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000147
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	**0.0053**	< 0.00147 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00735
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000221
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000147
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00735
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00735
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000294
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000441
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000147
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-103S Analyte	Unit	Remediation Objective (RO)	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	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.000219
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	**0.0001 J**	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.0002	< 0.000146
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	**0.002 J**	< 0.00146 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	**0.00008 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	---	---	---	< 0.0073
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.000219
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.000146
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.0073
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.0073
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.000438
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.0002	< 0.000146
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

GW-103D Analyte	Unit	Remediation Objective (RO)	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	Result 5/12/2020	Result - DUP 5/12/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294	< 0.00024	< 0.000214
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0013** J	---	< 0.002	< 0.002	< 0.002	< 0.00588	< 0.0016 C	< 0.00143 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	< 0.008	< 0.00714
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588	< 0.00024	< 0.000214
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294	< 0.00016	< 0.000143
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118	< 0.00048	< 0.000429
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.2** B	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1 B	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - November 2020
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	Field Blank 1 Result 5/13/2020		Field Blank 1 Result 8/12/2020		Field Blank 2 Result 8/14/2020		Field Blank 1 Result 11/9/2020	
Acenaphthene	mg/L	0.42	**0.000193**		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.000077		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.000231		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.000077		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.000077		< 0.0001		< 0.0001		< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077		< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.000154		< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154	C	< 0.002	C	< 0.002	C	< 0.002	C
Chrysene	mg/L	0.0015	< 0.000077		< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077		< 0.0001		< 0.0001		< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.00769		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.000231		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	**0.000311**		< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077		< 0.0001		**0.000078**	**J**	< 0.0001	
m,p-Cresol	mg/L	-	< 0.00769		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.00769		< 0.01		< 0.01		< 0.0004	
Naphthalene	mg/L	0.14	< 0.000308		< 0.0004		< 0.0004		< 0.01	
Phenanthrene	mg/L	-	< 0.000462		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.000154		< 0.0002		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		0.29	J
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2		< 2	B
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		0.29	J

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