April 14, 2022

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 First Quarter, 2022 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.

First Quarter – 2022 Events

- First quarter 2022 groundwater samples collected in February 2022 (results attached).
- First quarter 2022 pump and treat system samples (results attached).
- Temporary shutdown of treatment system (12/30/21-01/05/22) due to a supply chain related shortage of filter bags.

Second Quarter – 2022 Plans

- Collect Second quarter groundwater samples in May.

Problems Encountered or Anticipated Problems

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

We have treated 1,317,895,992 gallons of groundwater through the system since startup until the end of March 2022. 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
Manager, Remediation Projects
Ameren Services

Attachments

Attachments

Pumping Summary and Treatment Plant Results (January-March)

Monitoring Well Location Map

Year 2022 Quarter 1 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
January 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jan-22	x100				
1	291,433,800	0	West	54	52
2	291,433,800	0	West	56	52
3	291,433,800	0	West	56	52
4	291,433,800	0	West	56	52
5	291,433,800	99,900	West	56	52
6	291,533,700	79,400	West	54	48
7	291,613,100	56,400	West	54	50
8	291,669,500	62,500	West	54	52
9	291,732,000	49,000	West	54	52
10	291,781,000	68,200	West	54	52
11	291,849,200	59,100	West	52	48
12	291,908,300	82,900	West	56	54
13	291,991,200	99,000	West	56	54
14	292,090,200	40,200	West	56	50
15	292,130,400	50,100	West	56	50
16	292,180,500	38,600	West	56	52
17	292,219,100	42,300	West	56	52
18	292,261,400	17,400	West	56	52
19	292,278,800	111,600	West	56	54
20	292,390,400	51,500	West	56	50
21	292,441,900	93,500	West	56	52
22	292,535,400	68,500	West	56	52
23	292,603,900	79,000	West	56	52
24	292,682,900	59,000	West	56	52
25	292,741,900	31,700	West	56	52
26	292,773,600	52,600	West	56	52
27	292,826,200	98,000	West	56	52
28	292,924,200	71,800	West	56	48
29	292,996,000	34,400	West	56	52
30	293,030,400	55,100	West	56	54
31	293,085,500	50,900	West	56	54
Feb-22	293,136,400				

NM = Not measured

Flow Data	Gallons
For Month	1,702,600
To Pond	0
Below Pond	1,702,600
Average	54,923
Maximum	111,600
Minimum	0
Total Through Dec	1,312,656,792
Total Through Jan	1,314,359,392

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	1/11/2022	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	1/5/2022	1/5/2022
	Inoperable	1/13/2022	1/13/2022
	Inoperable	1/19/2022	1/19/2022
	Inoperable	1/27/2022	1/27/2022
Drum Disposal	None		

NOTE: System was offline 12/30/21-1/5/22 due to backorder of filter bags.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
January 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/5/2022	1/12/2022	1/18/2022	1/25/2022	Average	Maximum
Lab pH		-	-	-	NS	7.12	6.97	6.97	7.02	7.12
Iron, Dissolved	mg/L	-	-	-	NS	0.9980	0.0761	0.3310	0.4684	0.9980
Iron, Total	mg/L	-	-	-	NS	2.36	2.33	2.54	2.41	2.54
Acenaphthene	mg/L	-	-	0.42	NS	0.0173	0.0151	0.0154	0.0159	0.0173
Acenaphthylene	mg/L	-	-	-	NS	0.00659	0.00373	0.00396	0.00476	0.00659
Anthracene	mg/L	-	-	2.1	NS	0.00336	0.00304	0.00308	0.00316	0.00336
Benzo(a)anthracene	mg/L	-	-	0.00013	NS	**0.000201**	**0.000157**	**0.000186**	**0.000181**	**0.000201**
Benzo(a)pyrene	mg/L	-	-	0.00023	NS	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	NS	0.00008 J	ND	ND	0.00008	0.00008 J
Benzo(g,h,i)perylene	mg/L	-	-	-	NS	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	NS	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	NS	0.000154	0.000130	0.000148	0.000144	0.000154
Dibenzo(a,h)anthracene	mg/L	-	-	-	NS	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.28	NS	0.00270	0.00239	0.00234	0.00248	0.00270
Fluorene	mg/L	-	-	-	NS	0.00944	0.00809	0.00867	0.00873	0.00944
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	NS	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	0.35	NS	0.0012 J	0.0011 J	0.0100	0.0041	0.0100
o-Cresol	mg/L	-	-	0.35	NS	0.0147	0.0093 J	0.0058 J	0.0099	0.0147
Phenanthrene	mg/L	-	-	-	NS	0.0181	0.0176	0.0180	0.0179	0.0181
Pyrene	mg/L	-	-	-	NS	0.00326	0.00289	0.00292	0.00302	0.00326
Total PNAs except Naphthalene	mg/L	-	-	-	NS	0.0612	0.0531	0.0505	0.0549	0.0612
Benzene	µg/L	-	-	5	NS	**235**	**198**	**258**	**230**	**258**
Ethylbenzene	µg/L	-	-	700	NS	44.8	30.4	45.0	40.1	45.0
m,p-Xylenes	µg/L	-	-	-	NS	39.3	37.7	40.4	39.1	40.4
Naphthalene	µg/L	-	-	25	NS	**328**	**265**	**298**	**297**	**328**
o-Xylene	µg/L	-	-	-	NS	20.8	20.1	21.2	20.7	21.2
Toluene	µg/L	-	-	1000	NS	122.0	89.5	121.0	110.8	122.0
Xylenes, Total	µg/L	-	-	10000	NS	60.1	57.8	61.6	59.8	61.6

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled, system was offline 12/30/21-1/5/22 due to backorder of filter components
#=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
January 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/5/2022	1/12/2022		1/18/2022		1/25/2022	Average	Maximum
Lab pH		-	-	-	NS	6.99		6.94		6.90	6.94	6.99
Iron, Dissolved	mg/L	-	-	-	NS	0.0200	J	0.0632		0.0414	0.0415	0.0632
Iron, Total	mg/L	-	-	-	NS	0.0667		0.3410		0.0413	0.1497	0.3410
Acenaphthene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Acenaphthylene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Anthracene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Chrysene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Fluoranthene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Fluorene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
m,p-Cresol	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
o-Cresol	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Phenanthrene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Pyrene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	NS	ND		ND		ND	ND	ND
Benzene	µg/L	-	-	-	NS	26.8		21.9		21.3	23.3	26.8
Ethylbenzene	µg/L	-	-	-	NS	ND		ND		ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	NS	ND		ND		ND	ND	ND
Naphthalene	µg/L	-	-	-	NS	0.6		0.6	J	0.6	0.6	0.6
o-Xylene	µg/L	-	-	-	NS	ND		ND		ND	ND	ND
Toluene	µg/L	-	-	-	NS	ND		ND		ND	ND	ND
Xylenes, Total	µg/L	-	-	-	NS	ND		ND		ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled, system was offline 12/30/21-1/5/22 due to backorder of filter components.
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
January 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/5/2022	1/12/2022	1/18/2022	1/25/2022		Average	Maximum	
Lab pH		-	-	-	NS	6.96	6.96	6.90		6.94	6.96	
Iron, Dissolved	mg/L	-	1	-	NS	ND	ND	ND		ND	ND	
Iron, Total	mg/L	2	4	-	NS	ND	ND	ND		ND	ND	
Acenaphthene	mg/L	-	0.0608	-	NS	ND	ND	ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	NS	ND	ND	ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	NS	ND	ND	ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	NS	ND	ND	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Chrysene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	NS	ND	ND	ND		ND	ND	
Fluorene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	NS	ND	ND	ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	NS	ND	ND	ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	NS	ND	ND	ND		ND	ND	
Pyrene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Benzene	µg/L	-	50	-	NS	ND	ND	0.2	J	0.2	0.2	J
Ethylbenzene	µg/L	17	216	-	NS	ND	ND	ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Naphthalene	µg/L	-	670	-	NS	ND	ND	ND		ND	ND	
o-Xylene	µg/L	-	-	-	NS	ND	ND	ND		ND	ND	
Toluene	µg/L	70	750	-	NS	ND	ND	ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	NS	ND	ND	ND		ND	ND	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled, system was offline 12/30/21-1/5/22 due to backorder of filter components.
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
SR=Spike recovery outside recovery limits
H = Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
January 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/5/2022	1/12/2022	1/18/2022	1/25/2022	Average	Maximum
Benzene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	NS	ND	ND	0.1 J	0.1	0.1 J
m,p-Xylenes	µg/L	-	-	-	NS	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	NS	ND	ND	0.1 J	0.1	0.1 J
Toluene	µg/L	-	-	-	NS	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	NS	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled, system was offline 12/30/21-1/5/22 due to backorder of filter components.
#=Analyte found in the method blank at a concentration > acceptable detection limit
H = Holding times exceeded

MGP Pump & Treat System Summary
Taylorville, Illinois
February 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Feb-22	x100				
1	293,136,400	30,400	West	56	54
2	293,166,800	32,300	West	56	54
3	293,199,100	800	West	56	54
4	293,199,900	84,000	West	58	44
5	293,283,900	88,300	West	56	54
6	293,372,200	87,900	West	56	52
7	293,460,100	61,900	West	56	52
8	293,522,000	58,700	West	56	52
9	293,580,700	30,000	West	56	53
10	293,610,700	92,900	West	56	54
11	293,703,600	48,000	West	56	50
12	293,751,600	59,000	West	56	52
13	293,810,600	33,800	West	56	52
14	293,844,400	63,100	West	56	52
15	293,907,500	38,300	West	56	54
16	293,945,800	128,000	West	56	54
17	294,073,800	9,000	West	56	54
18	294,082,800	46,600	West	56	54
19	294,129,400	77,400	West	56	54
20	294,206,800	63,700	West	56	54
21	294,270,500	60,200	West	56	50
22	294,330,700	56,600	West	56	52
23	294,387,300	28,200	West	56	50
24	294,415,500	70,500	West	56	52
25	294,486,000	79,100	West	54	52
26	294,565,100	59,300	West	54	52
27	294,624,400	75,600	West	54	52
28	294,700,000	51,700	West	54	52
Mar-22	294,751,700				

NM = Not measured

Flow Data	**Gallons**
For Month	1,615,300
To Pond	0
Below Pond	1,615,300
Average	57,689
Maximum	128,000
Minimum	800
Total Through Jan	1,314,359,392
Total Through Feb	1,315,974,692

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	2/25/22	None	
Cleaned Effluent Backwash Storage	None		
Back Washed Vessels	2/13/22	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	2/4/22	2/4/22
	Inoperable	2/10/22	2/10/22
	Inoperable	2/17/22	2/17/22
	Inoperable	2/24/22	2/24/22
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
February 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/3/2022		2/9/2022		2/16/2022		2/23/2022		Average	Maximum
Lab pH		-	-	-	6.82		6.88		6.87		6.93		6.88	6.93
Iron, Dissolved	mg/L	-	-	-	ND		0.611		0.244		0.761		0.539	0.761
Iron, Total	mg/L	-	-	-	2.24		2.22		2.37		2.12		2.24	2.37
Acenaphthene	mg/L	-	-	0.42	0.01300	H	0.00482		0.01310		0.01480		0.01143	0.01480
Acenaphthylene	mg/L	-	-	-	0.00299	H	0.00243		0.00380		0.00655		0.00394	0.00655
Anthracene	mg/L	-	-	2.1	0.00237	H	0.00104		0.0029		0.00326		0.00239	0.00326
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000125	H	**0.000168**		0.000128		0.000127		**0.000137**	**0.000168**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	H	ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	H	0.000103		ND		ND		0.000103	0.000103
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	H	ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	H	ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	0.000088	JH	0.000140		0.000114		0.000119		0.000115	0.000140
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	H	ND		ND		ND		ND	ND
Fluoranthene	mg/L	-	-	0.28	0.00192	H	0.00106		0.00228		0.00226		0.00188	0.00228
Fluorene	mg/L	-	-	-	0.00682	H	0.00237		0.00698		0.00778		0.00599	0.00778
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	H	ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	0.35	ND	H	ND		0.00085	J	0.00072	J	0.00079	0.00085
o-Cresol	mg/L	-	-	0.35	0.0031	JH	0.0020	J	0.0115		0.0032	J	0.0050	0.0115
Phenanthrene	mg/L	-	-	-	0.01580	H	0.00505		0.01500		0.01560		0.01286	0.01580
Pyrene	mg/L	-	-	-	0.00236	H	0.00136		0.00274		0.00266		0.00228	0.00274
Total PNAs except Naphthalene	mg/L	-	-	-	0.0454	H	0.0185		0.0470		0.0531		0.0410	0.0531
Benzene	µg/L	-	-	5	**197**		**234**		**210**		**219**		**215**	**234**
Ethylbenzene	µg/L	-	-	700	32.8		46.2		30.8		45.2		38.8	46.2
m,p-Xylenes	µg/L	-	-	-	50.8		45.0		38.3		44.1		44.6	50.8
Naphthalene	µg/L	-	-	25	**235**		**285**		**248**		**321**		**272**	**321**
o-Xylene	µg/L	-	-	-	25.9		22.6		20.6		23.4		23.1	25.9
Toluene	µg/L	-	-	1000	88.8		116.0		92.3		118.0		103.8	118.0
Xylenes, Total	µg/L	-	-	10000	76.7		67.6		58.9		67.5		67.7	76.7

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
February 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/3/2022		2/9/2022	2/16/2022	2/23/2022		Average	Maximum
Lab pH		-	-	-	6.91		6.89	6.88	6.92		6.90	6.92
Iron, Dissolved	mg/L	-	-	-	ND		0.0654	ND	0.0340	J	0.0497	0.0654
Iron, Total	mg/L	-	-	-	ND		0.0640	0.1130	0.0370	J	0.0713	0.1130
Acenaphthene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Anthracene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Chrysene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Fluoranthene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Fluorene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
m,p-Cresol	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
o-Cresol	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Phenanthrene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Pyrene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	H	ND	ND	ND		ND	ND
Benzene	µg/L	-	-	-	18.1		17.2	35.1	26.6		24.3	35.1
Ethylbenzene	µg/L	-	-	-	ND		ND	ND	ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND		ND	ND	ND		ND	ND
Naphthalene	µg/L	-	-	-	0.4	J	0.6	1.1	0.9		0.8	1.1
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
February 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/3/2022		2/9/2022		2/16/2022		2/23/2022		Average		Maximum	
Lab pH		-	-	-	6.94		6.88		6.88		6.92		6.91		6.94	
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND	H	ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND	H	ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND	H	ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	H	ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	ND	H	ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	ND	H	ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND	H	ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND	H	ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND	H	ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	0.1	J	0.2	J	ND		0.2	J	0.2		0.2	J
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND	S	ND		ND		ND	
Naphthalene	µg/L	-	670	-	ND		ND		0.4	J	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	S	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
February 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/3/2022	2/9/2022	2/16/2022	2/23/2022	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

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

MGP Pump & Treat System Summary
Taylorville, Illinois
March 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Mar-22	x100				
1	294,751,700	50,400	West	56	52
2	294,802,100	31,700	West	56	52
3	294,833,800	104,400	West	54	52
4	294,938,200	57,000	West	54	50
5	294,995,200	70,800	West	54	50
6	295,066,000	70,500	West	54	52
7	295,136,500	30,700	West	56	54
8	295,167,200	60,000	West	56	54
9	295,227,200	31,400	West	56	54
10	295,258,600	92,700	West	56	52
11	295,351,300	50,300	West	56	52
12	295,401,600	51,600	West	56	52
13	295,453,200	58,400	West	56	54
14	295,511,600	39,400	West	56	54
15	295,551,000	38,600	West	56	54
16	295,589,600	53,300	West	56	54
17	295,642,900	65,100	West	56	52
18	295,708,000	91,000	West	56	52
19	295,799,000	57,000	West	56	52
20	295,856,000	61,000	West	56	52
21	295,917,000	52,200	West	56	52
22	295,969,200	51,300	West	56	52
23	296,020,500	28,900	West	56	52
24	296,049,400	97,700	West	56	52
25	296,147,100	42,300	West	56	52
26	296,189,400	75,400	West	56	52
27	296,264,800	93,200	West	56	54
28	296,358,000	87,500	West	56	52
29	296,445,500	82,100	West	54	52
30	296,527,600	64,100	West	56	52
31	296,591,700	81,300	West	56	52
Apr-22	296,673,000			56	52

NM = Not measured

Flow Data	**Gallons**
For Month	1,921,300
To Pond	0
Below Pond	1,921,300
Average	61,977
Maximum	104,400
Minimum	28,900
Total Through Feb	1,315,974,692
Total Through March	1,317,895,992

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None		
Back Washed Vessels	3/21/22	3/21/22	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	3/3/22	3/3/22
	Inoperable	3/10/22	3/10/22
	Inoperable	3/17/22	3/17/22
	Inoperable	3/24/22	3/24/22
	Inoperable	3/31/22	3/31/22
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
March 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/2/2022		3/9/2022		3/16/2022		3/22/2022		3/30/2022		Average	Maximum
Lab pH		-	-	-	6.61		7.40		6.81		6.88		6.96		6.93	7.40
Iron, Dissolved	mg/L	-	-	-	0.606		0.719		0.150		0.254		0.809		0.508	0.809
Iron, Total	mg/L	-	-	-	2.26		2.33		2.31		2.65		2.21		2.35	2.65
Acenaphthene	mg/L	-	-	0.42	0.01550		0.01600		0.01470		0.01570		0.01310		0.01500	0.01600
Acenaphthylene	mg/L	-	-	-	0.00656		0.00572		0.00458		0.00500		0.00495		0.00536	0.00656
Anthracene	mg/L	-	-	2.1	0.00325		0.00300		0.00328		0.00335		0.00300		0.00318	0.00335
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000160**		**0.000144**		**0.000159**		**0.000157**		**0.000178**		**0.000160**	**0.000178**
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	-	-	-	0.000136		0.000093	J	0.000124		0.000130		0.000122		0.000121	0.000136
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Fluoranthene	mg/L	-	-	0.28	0.00268		0.00222		0.00249		0.00245		0.00226		0.00242	0.00268
Fluorene	mg/L	-	-	-	0.00720		0.00822		0.00786		0.00820		0.00814		0.00792	0.00822
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	0.35	0.00072	J	0.00110	J	0.00100	J	0.00074	J	0.00080	J	0.00087	0.00110
o-Cresol	mg/L	-	-	0.35	0.0082	J	0.0181		0.0118		0.0086	J	0.0024	J	0.0098	0.0181
Phenanthrene	mg/L	-	-	-	0.01680		0.01680		0.01660		0.01700		0.01460		0.01636	0.01700
Pyrene	mg/L	-	-	-	0.00319		0.00277		0.00309		0.00303		0.00295		0.00301	0.00319
Total PNAs except Naphthalene	mg/L	-	-	-	0.0555		0.0550		0.0530		0.0550		0.0492		0.0535	0.0555
Benzene	µg/L	-	-	5	**219**		**202**		**187**		**260**		**315**		**237**	**315**
Ethylbenzene	µg/L	-	-	700	46.6		35.7		30.8		49.5		58.5		44.2	58.5
m,p-Xylenes	µg/L	-	-	-	45.5		38.4		36.7		42.6		44.8		41.6	45.5
Naphthalene	µg/L	-	-	25	**360**		**288**		**249**		**301**		**322**		**304**	**360**
o-Xylene	µg/L	-	-	-	23.8		20.5		20.2		23.3		23.8		22.3	23.8
Toluene	µg/L	-	-	1000	132.0		99.50		86.70		127.0		146.0		118.2	146.0
Xylenes, Total	µg/L	-	-	10000	69.3		58.9		56.9		65.9		68.6		63.9	69.3

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
March 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/2/2022		3/9/2022		3/16/2022		3/22/2022		3/30/2022		Average	Maximum	
Lab pH		-	-	-	6.91		7.37		7.00		6.83		6.88		7.00	7.37	
Iron, Dissolved	mg/L	-	-	-	ND		0.0461		0.0659		ND		0.0230	J	0.0450	0.0659	
Iron, Total	mg/L	-	-	-	ND		0.0533		0.0652		0.0240	J	0.0280	J	0.0426	0.0652	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	0.1	J	0.2	J	ND		3.6		2.1		1.5	3.6	
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	-	-	-	0.6	J	0.6		0.4	J	0.6	J	0.5	J	0.5	0.6	J
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Toluene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
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
March 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/2/2022		3/9/2022	3/16/2022	3/23/2022		3/30/2022		Average	Maximum	
Lab pH		-	-	-	6.62		7.34	6.88	6.92		6.95		6.94	7.34	
Iron, Dissolved	mg/L	-	1	-	ND		ND	ND	ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	0.0416		ND	ND	ND	S	ND		0.0416	0.0416	
Acenaphthene	mg/L	-	0.0608	-	ND		ND	ND	ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND	ND	ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND	ND	ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND	ND	ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND	ND	ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND	ND	ND		ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND	ND	ND		ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND	ND	ND		ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	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	-	0.1		ND	ND	0.3	J	ND	S	0.1	0.3	J
Ethylbenzene	µg/L	17	216	-	ND		ND	ND	ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND	S	ND	ND	ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND	ND	ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND	S	ND	ND	ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND	S	ND	ND	ND		ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND	S	ND	ND	ND		ND		ND	ND	

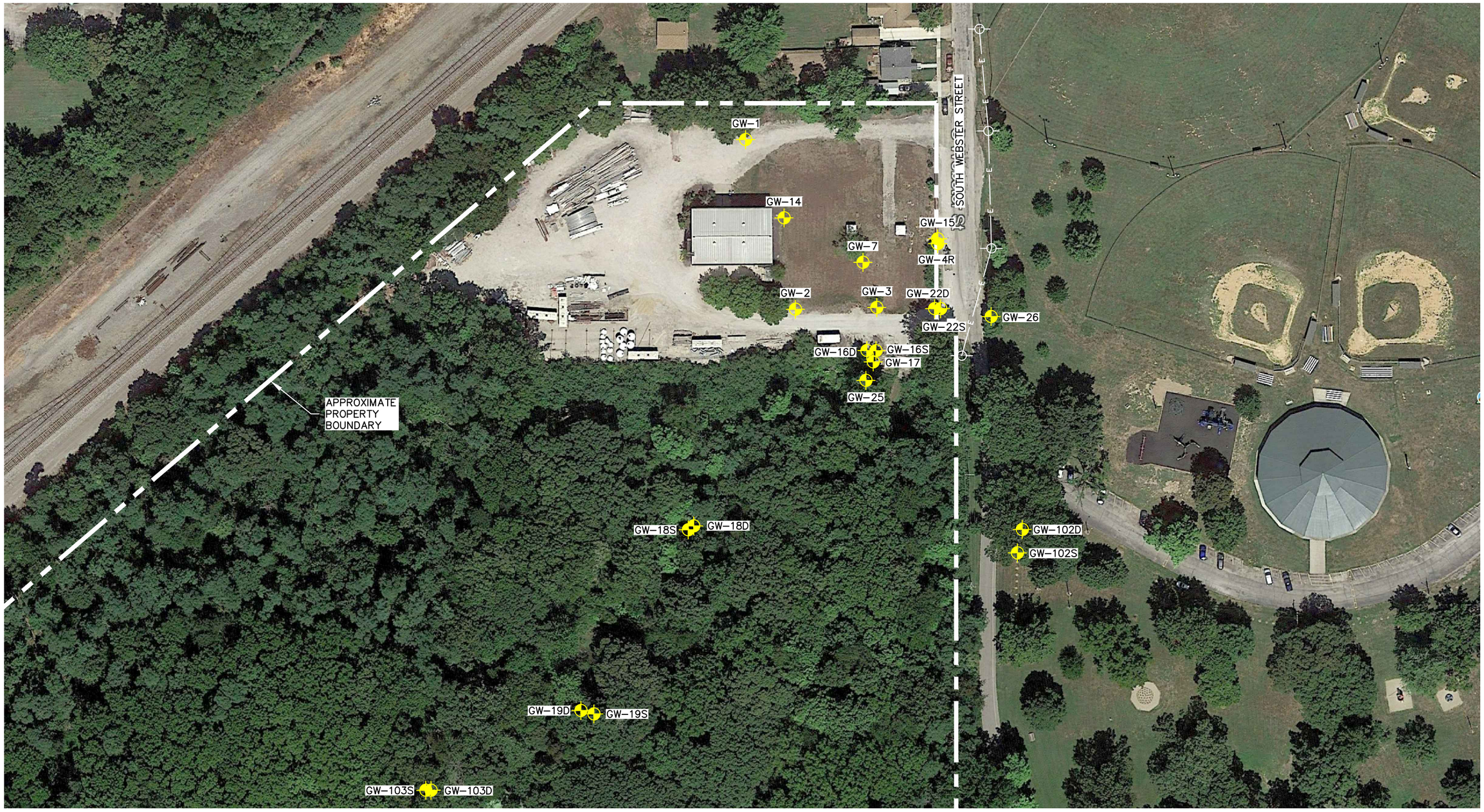
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
S=Spike recovery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

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
March 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/2/2022	3/9/2022		3/16/2022	3/22/2022	3/30/2022	Average	Maximum	
Benzene	µg/L	-	-	-	ND	ND		ND	ND	ND	ND	ND	
Ethylbenzene	µg/L	-	-	-	ND	0.2	J	ND	ND	ND	0.2	0.2	J
m,p-Xylenes	µg/L	-	-	-	ND	ND		ND	ND	ND	ND	ND	
Naphthalene	µg/L	-	-	-	ND	ND		ND	ND	ND	ND	ND	
o-Xylene	µg/L	-	-	-	ND	0.1	J	ND	ND	ND	0.1	0.1	J
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
H = Holding times exceeded

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)

March 25, 2022

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

RE: Year 2022 Quarter 1 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois

Dear Dave:

Environmental Resources Management Inc. (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 first quarter of groundwater sampling in 2022 at the Taylorville site are provided in Attachment A. A summary of the data from 2015 to the present for each monitoring well is presented in Attachment B. The data for the current quarter is generally consistent with what has been observed during past events, 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-04R. At this location, the naphthalene and benzene concentrations are similar to what has been observed historically. Both of these parameters have concentrations exceeding their applicable ROs. Additionally, concentrations of benzene and naphthalene detected at monitoring well GW-03 continue to exceed their applicable ROs, with the results being consistent and within the same order of magnitude as historical ground water analytical results at this location.

Wells on the downgradient perimeter of the site did not have any exceedances of ROs of the primary COCs, which includes monitoring 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, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were observed at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were not observed at this

location above laboratory reporting limits during this sampling event. VOCs would be expected to be consistently present in samples from GW-20 if the PAHs detected were related to the former MGP site, however VOCs have not historically been observed at this location.

Analytical services were provided by Teklab, Inc. and are included in Attachment A.

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
Senior Consultant

ATTACHMENT A

ANALYTICAL RESULTS
FEBRUARY 2022

February 28, 2022

Matt Halley
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 1 Qtr 2022 **WorkOrder:** 22021022

Dear Matt Halley:

TEKLAB, INC received 26 samples on 2/17/2022 11:40:00 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: 22021022

Client Project: Ameren Taylorville 1 Qtr 2022

Report Date: 28-Feb-22

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Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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)

Definitions

Client: ERM

Work Order: 22021022

Client Project: Ameren Taylorville 1 Qtr 2022

Report Date: 28-Feb-22

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

Client Project: Ameren Taylorville 1 Qtr 2022

Work Order: 22021022

Report Date: 28-Feb-22

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: 22021022

Client Project: Ameren Taylorville 1 Qtr 2022

Report Date: 28-Feb-22

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2023	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2022	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2022	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2022	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2022	Collinsville
Arkansas	ADEQ	88-0966		3/14/2022	Collinsville
Illinois	IDPH	17584		5/31/2023	Collinsville
Kentucky	UST	0073		1/31/2023	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 02/16/2022 14:05

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	02/24/2022 17:08	187997
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:08	187997
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 17:08	187997
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:08	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:08	187997
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:08	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:08	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:08	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/24/2022 17:08	187997
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:08	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:08	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 17:08	187997
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 17:08	187997
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:08	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:08	187997
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 17:08	187997
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/24/2022 17:08	187997
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 17:08	187997
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/24/2022 17:08	187997
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:08	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**97.8**	%REC	1	02/24/2022 17:08	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.2**	%REC	1	02/24/2022 17:08	187997
Surr: 2-Fluorophenol	*	10-157		**65.3**	%REC	1	02/24/2022 17:08	187997
Surr: Nitrobenzene-d5	*	15-163		**66.5**	%REC	1	02/24/2022 17:08	187997
Surr: Phenol-d5	*	10-162		**44.3**	%REC	1	02/24/2022 17:08	187997
Surr: p-Terphenyl-d14	*	10-173		**88.6**	%REC	1	02/24/2022 17:08	187997
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 9:57	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 9:57	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 9:57	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 9:57	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 9:57	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 9:57	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 9:57	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 9:57	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 9:57	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 9:57	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**96.5**	%REC	1	02/18/2022 9:57	187841
Surr: 4-Bromofluorobenzene	*	80-120		**104.7**	%REC	1	02/18/2022 9:57	187841
Surr: Dibromofluoromethane	*	80-120		**95.9**	%REC	1	02/18/2022 9:57	187841
Surr: Toluene-d8	*	80-120		**97.0**	%REC	1	02/18/2022 9:57	187841

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 02/16/2022 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:51	187997
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:51	187997
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 17:51	187997
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:51	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:51	187997
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:51	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:51	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:51	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/24/2022 17:51	187997
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 17:51	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:51	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 17:51	187997
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 17:51	187997
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:51	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:51	187997
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 17:51	187997
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/24/2022 17:51	187997
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 17:51	187997
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/24/2022 17:51	187997
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 17:51	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**112.6**	%REC	1	02/24/2022 17:51	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.6**	%REC	1	02/24/2022 17:51	187997
Surr: 2-Fluorophenol	*	10-157		**59.2**	%REC	1	02/24/2022 17:51	187997
Surr: Nitrobenzene-d5	*	15-163		**71.4**	%REC	1	02/24/2022 17:51	187997
Surr: Phenol-d5	*	10-162		**44.7**	%REC	1	02/24/2022 17:51	187997
Surr: p-Terphenyl-d14	*	10-173		**97.8**	%REC	1	02/24/2022 17:51	187997
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 10:21	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:21	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 10:21	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 10:21	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:21	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:21	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 10:21	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:21	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:21	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:21	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.4**	%REC	1	02/18/2022 10:21	187841
Surr: 4-Bromofluorobenzene	*	80-120		**104.1**	%REC	1	02/18/2022 10:21	187841
Surr: Dibromofluoromethane	*	80-120		**95.3**	%REC	1	02/18/2022 10:21	187841
Surr: Toluene-d8	*	80-120		**96.8**	%REC	1	02/18/2022 10:21	187841

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 02/16/2022 18:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000640**	mg/L	1	02/24/2022 18:34	187997
Acenaphthylene	NELAP	0.000100		**0.00245**	mg/L	1	02/24/2022 18:34	187997
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 18:34	187997
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 18:34	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 18:34	187997
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 18:34	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 18:34	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 18:34	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00277**	mg/L	1	02/24/2022 18:34	187997
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 18:34	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 18:34	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 18:34	187997
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 18:34	187997
Fluorene	NELAP	0.000200		**0.00175**	mg/L	1	02/24/2022 18:34	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 18:34	187997
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 18:34	187997
Naphthalene	NELAP	0.0200		**0.0873**	mg/L	50	02/25/2022 13:28	187997
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 18:34	187997
Phenanthrene	NELAP	0.000600		**0.000776**	mg/L	1	02/24/2022 18:34	187997
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 18:34	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**88.4**	%REC	1	02/24/2022 18:34	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**77.0**	%REC	1	02/24/2022 18:34	187997
Surr: 2-Fluorophenol	*	10-157		**51.2**	%REC	1	02/24/2022 18:34	187997
Surr: Nitrobenzene-d5	*	15-163		**83.6**	%REC	1	02/24/2022 18:34	187997
Surr: Phenol-d5	*	10-162		**57.2**	%REC	1	02/24/2022 18:34	187997
Surr: p-Terphenyl-d14	*	10-173		**89.2**	%REC	1	02/24/2022 18:34	187997
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**13.3**	µg/L	1	02/18/2022 10:45	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:45	187841
Ethylbenzene	NELAP	1.00		**15.9**	µg/L	1	02/18/2022 10:45	187841
m,p-Xylenes	NELAP	1.00		**3.42**	µg/L	1	02/18/2022 10:45	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:45	187841
Naphthalene	NELAP	20.0		**161**	µg/L	10	02/21/2022 18:07	187895
o-Xylene	NELAP	1.00		**12.5**	µg/L	1	02/18/2022 10:45	187841
Toluene	NELAP	2.0	J	**1.1**	µg/L	1	02/18/2022 10:45	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 10:45	187841
Xylenes, Total	NELAP	2.00		**15.9**	µg/L	1	02/18/2022 10:45	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.4**	%REC	1	02/18/2022 10:45	187841
Surr: 4-Bromofluorobenzene	*	80-120		**103.8**	%REC	1	02/18/2022 10:45	187841
Surr: Dibromofluoromethane	*	80-120		**95.5**	%REC	1	02/18/2022 10:45	187841
Surr: Toluene-d8	*	80-120		**96.0**	%REC	1	02/18/2022 10:45	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 02/17/2022 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00500		**0.0316**	mg/L	50	02/25/2022 13:53	187997
Acenaphthylene	NELAP	0.000100		**0.00244**	mg/L	1	02/24/2022 19:17	187997
Anthracene	NELAP	0.000300		**0.00120**	mg/L	1	02/24/2022 19:17	187997
Benzo(a)anthracene	NELAP	0.000100		**0.000104**	mg/L	1	02/24/2022 19:17	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 19:17	187997
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 19:17	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 19:17	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 19:17	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/24/2022 19:17	187997
Chrysene	NELAP	0.000100		**0.000200**	mg/L	1	02/24/2022 19:17	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 19:17	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 19:17	187997
Fluoranthene	NELAP	0.000300		**0.00375**	mg/L	1	02/24/2022 19:17	187997
Fluorene	NELAP	0.0100		**0.0906**	mg/L	50	02/25/2022 13:53	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 19:17	187997
m,p-Cresol	NELAP	0.010	J	**0.0023**	mg/L	1	02/24/2022 19:17	187997
Naphthalene	NELAP	0.400		**1.82**	mg/L	1000	02/25/2022 12:14	187997
o-Cresol	NELAP	0.010	J	**0.0059**	mg/L	1	02/24/2022 19:17	187997
Phenanthrene	NELAP	0.0300		**0.0801**	mg/L	50	02/25/2022 13:53	187997
Pyrene	NELAP	0.000200		**0.00177**	mg/L	1	02/24/2022 19:17	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**89.8**	%REC	1	02/24/2022 19:17	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.2**	%REC	1	02/24/2022 19:17	187997
Surr: 2-Fluorophenol	*	10-157		**16.1**	%REC	1	02/24/2022 19:17	187997
Surr: Nitrobenzene-d5	*	15-163		**82.9**	%REC	1	02/24/2022 19:17	187997
Surr: Phenol-d5	*	10-162		**72.7**	%REC	1	02/24/2022 19:17	187997
Surr: p-Terphenyl-d14	*	10-173		**88.5**	%REC	1	02/24/2022 19:17	187997
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	25.0		**1150**	µg/L	50	02/21/2022 18:33	187895
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:09	187841
Ethylbenzene	NELAP	50.0		**476**	µg/L	50	02/21/2022 18:33	187895
m,p-Xylenes	NELAP	50.0		**108**	µg/L	50	02/21/2022 18:33	187895
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:09	187841
Naphthalene	NELAP	100		**2530**	µg/L	50	02/21/2022 18:33	187895
o-Xylene	NELAP	50.0		**241**	µg/L	50	02/21/2022 18:33	187895
Toluene	NELAP	2.00		**90.5**	µg/L	1	02/18/2022 11:09	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:09	187841
Xylenes, Total	NELAP	100		**350**	µg/L	50	02/21/2022 18:33	187895
Surr: 1,2-Dichloroethane-d4	*	80-120		**117.2**	%REC	1	02/18/2022 11:09	187841
Surr: 4-Bromofluorobenzene	*	80-120		**98.6**	%REC	1	02/18/2022 11:09	187841
Surr: Dibromofluoromethane	*	80-120		**94.7**	%REC	1	02/18/2022 11:09	187841
Surr: Toluene-d8	*	80-120		**96.2**	%REC	1	02/18/2022 11:09	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 02/15/2022 17:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:21	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:21	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 18:21	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:21	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:21	187908
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000075**	mg/L	1	02/22/2022 18:21	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:21	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:21	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/22/2022 18:21	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:21	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:21	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 18:21	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 18:21	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:21	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:21	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 18:21	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/22/2022 18:21	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 18:21	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/22/2022 18:21	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:21	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**112.2**	%REC	1	02/22/2022 18:21	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**73.9**	%REC	1	02/22/2022 18:21	187908
Surr: 2-Fluorophenol	*	10-157		**84.2**	%REC	1	02/22/2022 18:21	187908
Surr: Nitrobenzene-d5	*	15-163		**88.8**	%REC	1	02/22/2022 18:21	187908
Surr: Phenol-d5	*	10-162		**67.4**	%REC	1	02/22/2022 18:21	187908
Surr: p-Terphenyl-d14	*	10-173		**108.5**	%REC	1	02/22/2022 18:21	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 11:32	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:32	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/28/2022 9:50	188113
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/28/2022 9:50	188113
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:32	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 9:50	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/28/2022 9:50	188113
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:32	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:32	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/28/2022 9:50	188113
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.9**	%REC	1	02/18/2022 11:32	187841
Surr: 4-Bromofluorobenzene	*	80-120		**101.9**	%REC	1	02/18/2022 11:32	187841
Surr: Dibromofluoromethane	*	80-120		**95.2**	%REC	1	02/18/2022 11:32	187841
Surr: Toluene-d8	*	80-120		**96.9**	%REC	1	02/18/2022 11:32	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 02/16/2022 17:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000183**	mg/L	1	02/24/2022 20:00	187997
Acenaphthylene	NELAP	0.000100		**0.000251**	mg/L	1	02/24/2022 20:00	187997
Anthracene	NELAP	0.000300		**0.00144**	mg/L	1	02/24/2022 20:00	187997
Benzo(a)anthracene	NELAP	0.000100		**0.000185**	mg/L	1	02/24/2022 20:00	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:00	187997
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:00	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:00	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:00	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00290**	mg/L	1	02/24/2022 20:00	187997
Chrysene	NELAP	0.000100		**0.000177**	mg/L	1	02/24/2022 20:00	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:00	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 20:00	187997
Fluoranthene	NELAP	0.000300		**0.00147**	mg/L	1	02/24/2022 20:00	187997
Fluorene	NELAP	0.000200		**0.000516**	mg/L	1	02/24/2022 20:00	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:00	187997
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 20:00	187997
Naphthalene	NELAP	0.000400		**0.00269**	mg/L	1	02/24/2022 20:00	187997
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 20:00	187997
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/24/2022 20:00	187997
Pyrene	NELAP	0.000200		**0.00250**	mg/L	1	02/24/2022 20:00	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**107.0**	%REC	1	02/24/2022 20:00	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**77.6**	%REC	1	02/24/2022 20:00	187997
Surr: 2-Fluorophenol	*	10-157		**68.5**	%REC	1	02/24/2022 20:00	187997
Surr: Nitrobenzene-d5	*	15-163		**70.6**	%REC	1	02/24/2022 20:00	187997
Surr: Phenol-d5	*	10-162		**48.3**	%REC	1	02/24/2022 20:00	187997
Surr: p-Terphenyl-d14	*	10-173		**107.3**	%REC	1	02/24/2022 20:00	187997
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 11:56	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:56	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/28/2022 10:13	188113
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 11:56	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:56	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 10:13	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 11:56	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:56	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:56	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 11:56	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**96.9**	%REC	1	02/18/2022 11:56	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.2**	%REC	1	02/18/2022 11:56	187841
Surr: Dibromofluoromethane	*	80-120		**95.5**	%REC	1	02/18/2022 11:56	187841
Surr: Toluene-d8	*	80-120		**97.2**	%REC	1	02/18/2022 11:56	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 02/16/2022 13:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:43	187997
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:43	187997
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 20:43	187997
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:43	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:43	187997
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:43	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:43	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:43	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0016**	mg/L	1	02/24/2022 20:43	187997
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/24/2022 20:43	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:43	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 20:43	187997
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/24/2022 20:43	187997
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:43	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:43	187997
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 20:43	187997
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/24/2022 20:43	187997
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/24/2022 20:43	187997
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/24/2022 20:43	187997
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/24/2022 20:43	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**85.7**	%REC	1	02/24/2022 20:43	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**64.2**	%REC	1	02/24/2022 20:43	187997
Surr: 2-Fluorophenol	*	10-157		**60.3**	%REC	1	02/24/2022 20:43	187997
Surr: Nitrobenzene-d5	*	15-163		**76.0**	%REC	1	02/24/2022 20:43	187997
Surr: Phenol-d5	*	10-162		**50.2**	%REC	1	02/24/2022 20:43	187997
Surr: p-Terphenyl-d14	*	10-173		**90.0**	%REC	1	02/24/2022 20:43	187997
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 12:19	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:19	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 12:19	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 12:19	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:19	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 10:37	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 12:19	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:19	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:19	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:19	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.8**	%REC	1	02/18/2022 12:19	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.7**	%REC	1	02/18/2022 12:19	187841
Surr: Dibromofluoromethane	*	80-120		**95.4**	%REC	1	02/18/2022 12:19	187841
Surr: Toluene-d8	*	80-120		**96.3**	%REC	1	02/18/2022 12:19	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 02/17/2022 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	02/25/2022 13:10	187997
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/25/2022 13:10	187997
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/25/2022 13:10	187997
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/25/2022 13:10	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 13:10	187997
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/25/2022 13:10	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 13:10	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/25/2022 13:10	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/25/2022 13:10	187997
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/25/2022 13:10	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 13:10	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/25/2022 13:10	187997
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/25/2022 13:10	187997
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 13:10	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 13:10	187997
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/25/2022 13:10	187997
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/25/2022 13:10	187997
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/25/2022 13:10	187997
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/25/2022 13:10	187997
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 13:10	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**75.7**	%REC	1	02/25/2022 13:10	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**57.1**	%REC	1	02/25/2022 13:10	187997
Surr: 2-Fluorophenol	*	10-157		**58.1**	%REC	1	02/25/2022 13:10	187997
Surr: Nitrobenzene-d5	*	15-163		**66.6**	%REC	1	02/25/2022 13:10	187997
Surr: Phenol-d5	*	10-162		**49.2**	%REC	1	02/25/2022 13:10	187997
Surr: p-Terphenyl-d14	*	10-173		**84.6**	%REC	1	02/25/2022 13:10	187997
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 12:43	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:43	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 12:43	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 12:43	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:43	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 11:00	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 12:43	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:43	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:43	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 12:43	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.8**	%REC	1	02/18/2022 12:43	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.4**	%REC	1	02/18/2022 12:43	187841
Surr: Dibromofluoromethane	*	80-120		**95.2**	%REC	1	02/18/2022 12:43	187841
Surr: Toluene-d8	*	80-120		**96.0**	%REC	1	02/18/2022 12:43	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 02/15/2022 14:05

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	02/22/2022 18:58	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:58	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 18:58	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:58	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:58	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:58	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:58	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:58	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0016**	mg/L	1	02/22/2022 18:58	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 18:58	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:58	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 18:58	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 18:58	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:58	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:58	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 18:58	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/22/2022 18:58	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 18:58	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/22/2022 18:58	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 18:58	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**141.3**	%REC	1	02/22/2022 18:58	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**37.6**	%REC	1	02/22/2022 18:58	187908
Surr: 2-Fluorophenol	*	10-157		**85.5**	%REC	1	02/22/2022 18:58	187908
Surr: Nitrobenzene-d5	*	15-163		**70.7**	%REC	1	02/22/2022 18:58	187908
Surr: Phenol-d5	*	10-162		**57.7**	%REC	1	02/22/2022 18:58	187908
Surr: p-Terphenyl-d14	*	10-173		**123.0**	%REC	1	02/22/2022 18:58	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 13:07	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:07	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:07	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:07	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:07	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 11:24	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:07	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:07	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:07	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:07	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**96.8**	%REC	1	02/18/2022 13:07	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.5**	%REC	1	02/18/2022 13:07	187841
Surr: Dibromofluoromethane	*	80-120		**95.1**	%REC	1	02/18/2022 13:07	187841
Surr: Toluene-d8	*	80-120		**96.6**	%REC	1	02/18/2022 13:07	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 02/15/2022 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	02/22/2022 19:36	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 19:36	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 19:36	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 19:36	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 19:36	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 19:36	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 19:36	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 19:36	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0016**	mg/L	1	02/22/2022 19:36	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 19:36	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 19:36	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 19:36	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 19:36	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 19:36	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 19:36	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 19:36	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/22/2022 19:36	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 19:36	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/22/2022 19:36	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 19:36	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**142.1**	%REC	1	02/22/2022 19:36	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**79.0**	%REC	1	02/22/2022 19:36	187908
Surr: 2-Fluorophenol	*	10-157		**58.6**	%REC	1	02/22/2022 19:36	187908
Surr: Nitrobenzene-d5	*	15-163		**93.4**	%REC	1	02/22/2022 19:36	187908
Surr: Phenol-d5	*	10-162		**38.5**	%REC	1	02/22/2022 19:36	187908
Surr: p-Terphenyl-d14	*	10-173		**97.4**	%REC	1	02/22/2022 19:36	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 13:31	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:31	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:31	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:31	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:31	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 11:47	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:31	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:31	187841
trans-1,2-Dichloroethene	NELAP	2.0	J	**0.13**	µg/L	1	02/18/2022 13:31	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:31	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.1**	%REC	1	02/18/2022 13:31	187841
Surr: 4-Bromofluorobenzene	*	80-120		**104.3**	%REC	1	02/18/2022 13:31	187841
Surr: Dibromofluoromethane	*	80-120		**95.4**	%REC	1	02/18/2022 13:31	187841
Surr: Toluene-d8	*	80-120		**97.0**	%REC	1	02/18/2022 13:31	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 02/15/2022 14:35

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	02/22/2022 20:13	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:13	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 20:13	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:13	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:13	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:13	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:13	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:13	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/22/2022 20:13	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:13	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:13	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 20:13	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 20:13	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:13	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:13	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 20:13	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/22/2022 20:13	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 20:13	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/22/2022 20:13	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:13	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**115.1**	%REC	1	02/22/2022 20:13	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**68.2**	%REC	1	02/22/2022 20:13	187908
Surr: 2-Fluorophenol	*	10-157		**90.4**	%REC	1	02/22/2022 20:13	187908
Surr: Nitrobenzene-d5	*	15-163		**84.4**	%REC	1	02/22/2022 20:13	187908
Surr: Phenol-d5	*	10-162		**56.9**	%REC	1	02/22/2022 20:13	187908
Surr: p-Terphenyl-d14	*	10-173		**98.0**	%REC	1	02/22/2022 20:13	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 13:54	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:54	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:54	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:54	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:54	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:54	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:54	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:54	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:54	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:54	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.2**	%REC	1	02/18/2022 13:54	187841
Surr: 4-Bromofluorobenzene	*	80-120		**104.2**	%REC	1	02/18/2022 13:54	187841
Surr: Dibromofluoromethane	*	80-120		**95.7**	%REC	1	02/18/2022 13:54	187841
Surr: Toluene-d8	*	80-120		**96.5**	%REC	1	02/18/2022 13:54	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 02/16/2022 12:25

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	02/23/2022 12:13	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:13	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 12:13	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:13	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:13	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:13	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:13	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:13	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 12:13	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:13	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:13	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 12:13	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 12:13	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:13	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:13	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 12:13	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 12:13	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 12:13	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 12:13	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:13	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**74.9**	%REC	1	02/23/2022 12:13	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**70.0**	%REC	1	02/23/2022 12:13	187908
Surr: 2-Fluorophenol	*	10-157		**55.6**	%REC	1	02/23/2022 12:13	187908
Surr: Nitrobenzene-d5	*	15-163		**76.6**	%REC	1	02/23/2022 12:13	187908
Surr: Phenol-d5	*	10-162		**64.7**	%REC	1	02/23/2022 12:13	187908
Surr: p-Terphenyl-d14	*	10-173		**143.2**	%REC	1	02/23/2022 12:13	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 14:18	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:18	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:18	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:18	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:18	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:18	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:18	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:18	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:18	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:18	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.0**	%REC	1	02/18/2022 14:18	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.0**	%REC	1	02/18/2022 14:18	187841
Surr: Dibromofluoromethane	*	80-120		**94.8**	%REC	1	02/18/2022 14:18	187841
Surr: Toluene-d8	*	80-120		**96.5**	%REC	1	02/18/2022 14:18	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 02/16/2022 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	02/23/2022 12:56	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:56	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 12:56	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:56	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:56	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:56	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:56	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:56	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 12:56	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 12:56	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:56	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 12:56	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 12:56	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:56	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:56	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 12:56	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 12:56	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 12:56	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 12:56	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 12:56	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**82.5**	%REC	1	02/23/2022 12:56	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**59.0**	%REC	1	02/23/2022 12:56	187908
Surr: 2-Fluorophenol	*	10-157		**64.4**	%REC	1	02/23/2022 12:56	187908
Surr: Nitrobenzene-d5	*	15-163		**81.0**	%REC	1	02/23/2022 12:56	187908
Surr: Phenol-d5	*	10-162		**56.8**	%REC	1	02/23/2022 12:56	187908
Surr: p-Terphenyl-d14	*	10-173		**96.8**	%REC	1	02/23/2022 12:56	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 14:42	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:42	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:42	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:42	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:42	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:42	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:42	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:42	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:42	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:42	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.6**	%REC	1	02/18/2022 14:42	187841
Surr: 4-Bromofluorobenzene	*	80-120		**104.5**	%REC	1	02/18/2022 14:42	187841
Surr: Dibromofluoromethane	*	80-120		**95.9**	%REC	1	02/18/2022 14:42	187841
Surr: Toluene-d8	*	80-120		**97.5**	%REC	1	02/18/2022 14:42	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 02/16/2022 10:45

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	02/23/2022 13:39	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 13:39	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 13:39	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 13:39	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 13:39	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 13:39	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 13:39	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 13:39	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 13:39	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 13:39	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 13:39	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 13:39	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 13:39	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 13:39	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 13:39	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 13:39	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 13:39	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 13:39	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 13:39	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 13:39	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**67.1**	%REC	1	02/23/2022 13:39	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**60.6**	%REC	1	02/23/2022 13:39	187908
Surr: 2-Fluorophenol	*	10-157		**50.3**	%REC	1	02/23/2022 13:39	187908
Surr: Nitrobenzene-d5	*	15-163		**58.6**	%REC	1	02/23/2022 13:39	187908
Surr: Phenol-d5	*	10-162		**39.6**	%REC	1	02/23/2022 13:39	187908
Surr: p-Terphenyl-d14	*	10-173		**76.4**	%REC	1	02/23/2022 13:39	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 15:05	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:05	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:05	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:05	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:05	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:05	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:05	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:05	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:05	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:05	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.1**	%REC	1	02/18/2022 15:05	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.2**	%REC	1	02/18/2022 15:05	187841
Surr: Dibromofluoromethane	*	80-120		**94.9**	%REC	1	02/18/2022 15:05	187841
Surr: Toluene-d8	*	80-120		**97.7**	%REC	1	02/18/2022 15:05	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 02/16/2022 10:30

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	02/23/2022 14:23	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 14:23	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 14:23	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 14:23	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 14:23	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 14:23	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 14:23	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 14:23	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 14:23	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 14:23	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 14:23	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 14:23	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 14:23	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 14:23	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 14:23	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 14:23	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 14:23	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 14:23	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 14:23	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 14:23	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**94.2**	%REC	1	02/23/2022 14:23	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**54.4**	%REC	1	02/23/2022 14:23	187908
Surr: 2-Fluorophenol	*	10-157		**62.9**	%REC	1	02/23/2022 14:23	187908
Surr: Nitrobenzene-d5	*	15-163		**74.8**	%REC	1	02/23/2022 14:23	187908
Surr: Phenol-d5	*	10-162		**48.1**	%REC	1	02/23/2022 14:23	187908
Surr: p-Terphenyl-d14	*	10-173		**96.0**	%REC	1	02/23/2022 14:23	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 15:29	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:29	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:29	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:29	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:29	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:29	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:29	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:29	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:29	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:29	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.0**	%REC	1	02/18/2022 15:29	187841
Surr: 4-Bromofluorobenzene	*	80-120		**104.4**	%REC	1	02/18/2022 15:29	187841
Surr: Dibromofluoromethane	*	80-120		**95.3**	%REC	1	02/18/2022 15:29	187841
Surr: Toluene-d8	*	80-120		**97.1**	%REC	1	02/18/2022 15:29	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 02/16/2022 8:50

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	02/23/2022 15:06	187908
Acenaphthylene	NELAP	0.000100		**0.000620**	mg/L	1	02/23/2022 15:06	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 15:06	187908
Benzo(a)anthracene	NELAP	0.000100		**0.000693**	mg/L	1	02/23/2022 15:06	187908
Benzo(a)pyrene	NELAP	0.000200		**0.00224**	mg/L	1	02/23/2022 15:06	187908
Benzo(b)fluoranthene	NELAP	0.000100		**0.00198**	mg/L	1	02/23/2022 15:06	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**0.00219**	mg/L	1	02/23/2022 15:06	187908
Benzo(k)fluoranthene	NELAP	0.000100		**0.000629**	mg/L	1	02/23/2022 15:06	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 15:06	187908
Chrysene	NELAP	0.000100		**0.000937**	mg/L	1	02/23/2022 15:06	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**0.000408**	mg/L	1	02/23/2022 15:06	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 15:06	187908
Fluoranthene	NELAP	0.000300		**0.000690**	mg/L	1	02/23/2022 15:06	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 15:06	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**0.00161**	mg/L	1	02/23/2022 15:06	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 15:06	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 15:06	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 15:06	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 15:06	187908
Pyrene	NELAP	0.000200		**0.00156**	mg/L	1	02/23/2022 15:06	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**71.7**	%REC	1	02/23/2022 15:06	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**57.7**	%REC	1	02/23/2022 15:06	187908
Surr: 2-Fluorophenol	*	10-157		**51.8**	%REC	1	02/23/2022 15:06	187908
Surr: Nitrobenzene-d5	*	15-163		**61.3**	%REC	1	02/23/2022 15:06	187908
Surr: Phenol-d5	*	10-162		**37.8**	%REC	1	02/23/2022 15:06	187908
Surr: p-Terphenyl-d14	*	10-173		**68.2**	%REC	1	02/23/2022 15:06	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 15:52	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:52	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:52	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:52	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:52	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:52	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:52	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:52	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:52	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:52	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.4**	%REC	1	02/18/2022 15:52	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.4**	%REC	1	02/18/2022 15:52	187841
Surr: Dibromofluoromethane	*	80-120		**95.3**	%REC	1	02/18/2022 15:52	187841
Surr: Toluene-d8	*	80-120		**96.9**	%REC	1	02/18/2022 15:52	187841

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 02/16/2022 8:10

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	02/23/2022 15:49	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 15:49	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 15:49	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 15:49	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 15:49	187908
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000076**	mg/L	1	02/23/2022 15:49	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 15:49	187908
Benzo(k)fluoranthene	NELAP	0.00010	J	**0.000052**	mg/L	1	02/23/2022 15:49	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00212**	mg/L	1	02/23/2022 15:49	187908
Chrysene	NELAP	0.00010	J	**0.000067**	mg/L	1	02/23/2022 15:49	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 15:49	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 15:49	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 15:49	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 15:49	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 15:49	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 15:49	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 15:49	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 15:49	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 15:49	187908
Pyrene	NELAP	0.00020	J	**0.00018**	mg/L	1	02/23/2022 15:49	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**67.1**	%REC	1	02/23/2022 15:49	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**43.2**	%REC	1	02/23/2022 15:49	187908
Surr: 2-Fluorophenol	*	10-157		**49.3**	%REC	1	02/23/2022 15:49	187908
Surr: Nitrobenzene-d5	*	15-163		**62.6**	%REC	1	02/23/2022 15:49	187908
Surr: Phenol-d5	*	10-162		**32.5**	%REC	1	02/23/2022 15:49	187908
Surr: p-Terphenyl-d14	*	10-173		**47.3**	%REC	1	02/23/2022 15:49	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 16:16	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:16	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 16:16	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 16:16	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:16	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:16	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 16:16	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:16	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:16	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:16	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.2**	%REC	1	02/18/2022 16:16	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.6**	%REC	1	02/18/2022 16:16	187841
Surr: Dibromofluoromethane	*	80-120		**95.7**	%REC	1	02/18/2022 16:16	187841
Surr: Toluene-d8	*	80-120		**97.9**	%REC	1	02/18/2022 16:16	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 02/16/2022 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	02/23/2022 16:33	187908
Acenaphthylene	NELAP	0.00010	J	**0.000068**	mg/L	1	02/23/2022 16:33	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 16:33	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 16:33	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 16:33	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 16:33	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 16:33	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 16:33	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 16:33	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 16:33	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 16:33	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 16:33	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 16:33	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 16:33	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 16:33	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 16:33	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 16:33	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 16:33	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 16:33	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 16:33	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**93.2**	%REC	1	02/23/2022 16:33	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**77.5**	%REC	1	02/23/2022 16:33	187908
Surr: 2-Fluorophenol	*	10-157		**65.9**	%REC	1	02/23/2022 16:33	187908
Surr: Nitrobenzene-d5	*	15-163		**80.6**	%REC	1	02/23/2022 16:33	187908
Surr: Phenol-d5	*	10-162		**53.1**	%REC	1	02/23/2022 16:33	187908
Surr: p-Terphenyl-d14	*	10-173		**94.0**	%REC	1	02/23/2022 16:33	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 16:39	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:39	187841
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 16:39	187841
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 16:39	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:39	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:39	187841
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 16:39	187841
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:39	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:39	187841
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 16:39	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.8**	%REC	1	02/18/2022 16:39	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.8**	%REC	1	02/18/2022 16:39	187841
Surr: Dibromofluoromethane	*	80-120		**94.8**	%REC	1	02/18/2022 16:39	187841
Surr: Toluene-d8	*	80-120		**97.0**	%REC	1	02/18/2022 16:39	187841

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 02/16/2022 15:25

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	02/23/2022 17:15	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 17:15	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 17:15	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 17:15	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 17:15	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 17:15	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 17:15	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 17:15	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 17:15	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 17:15	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 17:15	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 17:15	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 17:15	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 17:15	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 17:15	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 17:15	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 17:15	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 17:15	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 17:15	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 17:15	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**83.2**	%REC	1	02/23/2022 17:15	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**67.4**	%REC	1	02/23/2022 17:15	187908
Surr: 2-Fluorophenol	*	10-157		**62.8**	%REC	1	02/23/2022 17:15	187908
Surr: Nitrobenzene-d5	*	15-163		**74.4**	%REC	1	02/23/2022 17:15	187908
Surr: Phenol-d5	*	10-162		**46.9**	%REC	1	02/23/2022 17:15	187908
Surr: p-Terphenyl-d14	*	10-173		**90.0**	%REC	1	02/23/2022 17:15	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50	S	**ND**	µg/L	1	02/18/2022 17:03	187841
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 17:03	187841
Ethylbenzene	NELAP	1.00	S	**ND**	µg/L	1	02/18/2022 17:03	187841
m,p-Xylenes	NELAP	1.00	S	**ND**	µg/L	1	02/18/2022 17:03	187841
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 17:03	187841
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 17:03	187841
o-Xylene	NELAP	1.00	S	**ND**	µg/L	1	02/18/2022 17:03	187841
Toluene	NELAP	2.00	S	**ND**	µg/L	1	02/18/2022 17:03	187841
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 17:03	187841
Xylenes, Total	NELAP	2.00	S	**ND**	µg/L	1	02/18/2022 17:03	187841
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.9**	%REC	1	02/18/2022 17:03	187841
Surr: 4-Bromofluorobenzene	*	80-120		**105.8**	%REC	1	02/18/2022 17:03	187841
Surr: Dibromofluoromethane	*	80-120		**94.8**	%REC	1	02/18/2022 17:03	187841
Surr: Toluene-d8	*	80-120		**96.2**	%REC	1	02/18/2022 17:03	187841

Matrix spike recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable.

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-020
Client Sample ID: GW-19S-DUP
Matrix: GROUNDWATER
Collection Date: 02/16/2022 10:45

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	02/23/2022 19:24	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 19:24	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 19:24	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 19:24	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 19:24	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 19:24	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 19:24	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 19:24	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 19:24	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 19:24	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 19:24	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 19:24	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 19:24	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 19:24	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 19:24	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 19:24	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 19:24	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 19:24	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 19:24	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 19:24	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**97.2**	%REC	1	02/23/2022 19:24	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**68.4**	%REC	1	02/23/2022 19:24	187908
Surr: 2-Fluorophenol	*	10-157		**54.6**	%REC	1	02/23/2022 19:24	187908
Surr: Nitrobenzene-d5	*	15-163		**69.8**	%REC	1	02/23/2022 19:24	187908
Surr: Phenol-d5	*	10-162		**39.1**	%REC	1	02/23/2022 19:24	187908
Surr: p-Terphenyl-d14	*	10-173		**86.3**	%REC	1	02/23/2022 19:24	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 13:11	187842
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:11	187842
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:11	187842
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:11	187842
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:11	187842
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:11	187842
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:11	187842
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:11	187842
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:11	187842
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:11	187842
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.1**	%REC	1	02/18/2022 13:11	187842
Surr: 4-Bromofluorobenzene	*	80-120		**104.2**	%REC	1	02/18/2022 13:11	187842
Surr: Dibromofluoromethane	*	80-120		**99.2**	%REC	1	02/18/2022 13:11	187842
Surr: Toluene-d8	*	80-120		**98.1**	%REC	1	02/18/2022 13:11	187842

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-021
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 02/17/2022 11:40

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	02/18/2022 13:38	187842
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:38	187842
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:38	187842
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:38	187842
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:38	187842
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:38	187842
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 13:38	187842
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:38	187842
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:38	187842
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 13:38	187842
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.9**	%REC	1	02/18/2022 13:38	187842
Surr: 4-Bromofluorobenzene	*	80-120		**104.2**	%REC	1	02/18/2022 13:38	187842
Surr: Dibromofluoromethane	*	80-120		**99.5**	%REC	1	02/18/2022 13:38	187842
Surr: Toluene-d8	*	80-120		**98.7**	%REC	1	02/18/2022 13:38	187842

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-022
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 02/17/2022 11:40

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	02/18/2022 14:04	187842
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:04	187842
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:04	187842
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:04	187842
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:04	187842
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:04	187842
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 14:04	187842
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:04	187842
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:04	187842
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:04	187842
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.8**	%REC	1	02/18/2022 14:04	187842
Surr: 4-Bromofluorobenzene	*	80-120		**102.3**	%REC	1	02/18/2022 14:04	187842
Surr: Dibromofluoromethane	*	80-120		**100.3**	%REC	1	02/18/2022 14:04	187842
Surr: Toluene-d8	*	80-120		**97.6**	%REC	1	02/18/2022 14:04	187842

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-023
Client Sample ID: GW-4R-DUP
Matrix: GROUNDWATER
Collection Date: 02/17/2022 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00500		**0.0348**	mg/L	50	02/25/2022 15:18	187997
Acenaphthylene	NELAP	0.000100		**0.00290**	mg/L	1	02/25/2022 14:51	187997
Anthracene	NELAP	0.000300		**0.000864**	mg/L	1	02/25/2022 14:51	187997
Benzo(a)anthracene	NELAP	0.00010	J	**0.000085**	mg/L	1	02/25/2022 14:51	187997
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 14:51	187997
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000084**	mg/L	1	02/25/2022 14:51	187997
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 14:51	187997
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/25/2022 14:51	187997
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/25/2022 14:51	187997
Chrysene	NELAP	0.000100		**0.000196**	mg/L	1	02/25/2022 14:51	187997
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 14:51	187997
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/25/2022 14:51	187997
Fluoranthene	NELAP	0.000300		**0.00357**	mg/L	1	02/25/2022 14:51	187997
Fluorene	NELAP	0.0100		**0.0765**	mg/L	50	02/25/2022 15:18	187997
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/25/2022 14:51	187997
m,p-Cresol	NELAP	0.010	J	**0.0018**	mg/L	1	02/25/2022 14:51	187997
Naphthalene	NELAP	0.400		**1.82**	mg/L	1000	02/25/2022 12:51	187997
o-Cresol	NELAP	0.010	J	**0.0035**	mg/L	1	02/25/2022 14:51	187997
Phenanthrene	NELAP	0.0300		**0.0750**	mg/L	50	02/25/2022 15:18	187997
Pyrene	NELAP	0.000200		**0.00174**	mg/L	1	02/25/2022 14:51	187997
Surr: 2,4,6-Tribromophenol	*	10-179		**90.4**	%REC	1	02/25/2022 14:51	187997
Surr: 2-Fluorobiphenyl	*	21.4-142		**55.5**	%REC	50	02/25/2022 15:18	187997
Surr: 2-Fluorophenol	*	10-157		**45.7**	%REC	1	02/25/2022 14:51	187997
Surr: Nitrobenzene-d5	*	15-163	S	**205.5**	%REC	50	02/25/2022 15:18	187997
Surr: Phenol-d5	*	10-162		**23.8**	%REC	1	02/25/2022 14:51	187997
Surr: p-Terphenyl-d14	*	10-173		**89.9**	%REC	1	02/25/2022 14:51	187997

Surrogate recovery is outside control limits due to matrix interference.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	25.0		**1180**	µg/L	50	02/21/2022 19:00	187895
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:30	187842
Ethylbenzene	NELAP	50.0		**500**	µg/L	50	02/21/2022 19:00	187895
m,p-Xylenes	NELAP	50.0		**104**	µg/L	50	02/21/2022 19:00	187895
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:30	187842
Naphthalene	NELAP	100		**2620**	µg/L	50	02/21/2022 19:00	187895
o-Xylene	NELAP	50.0		**244**	µg/L	50	02/21/2022 19:00	187895
Toluene	NELAP	2.00		**94.6**	µg/L	1	02/18/2022 14:30	187842
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:30	187842
Xylenes, Total	NELAP	100		**347**	µg/L	50	02/21/2022 19:00	187895
Surr: 1,2-Dichloroethane-d4	*	80-120		**104.6**	%REC	1	02/18/2022 14:30	187842
Surr: 4-Bromofluorobenzene	*	80-120		**101.3**	%REC	1	02/18/2022 14:30	187842
Surr: Dibromofluoromethane	*	80-120		**100.6**	%REC	1	02/18/2022 14:30	187842
Surr: Toluene-d8	*	80-120		**97.3**	%REC	1	02/18/2022 14:30	187842

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-024
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 02/15/2022 15:25

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	02/22/2022 20:50	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:50	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 20:50	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:50	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:50	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:50	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:50	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:50	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/22/2022 20:50	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 20:50	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:50	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 20:50	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 20:50	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:50	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:50	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 20:50	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/22/2022 20:50	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 20:50	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/22/2022 20:50	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 20:50	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**131.1**	%REC	1	02/22/2022 20:50	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.1**	%REC	1	02/22/2022 20:50	187908
Surr: 2-Fluorophenol	*	10-157		**68.6**	%REC	1	02/22/2022 20:50	187908
Surr: Nitrobenzene-d5	*	15-163		**87.1**	%REC	1	02/22/2022 20:50	187908
Surr: Phenol-d5	*	10-162		**59.8**	%REC	1	02/22/2022 20:50	187908
Surr: p-Terphenyl-d14	*	10-173		**92.0**	%REC	1	02/22/2022 20:50	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 14:56	187842
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:56	187842
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/28/2022 12:11	188113
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/28/2022 12:11	188113
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:56	187842
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 12:11	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/28/2022 12:11	188113
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:56	187842
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 14:56	187842
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/28/2022 12:11	188113
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.2**	%REC	1	02/18/2022 14:56	187842
Surr: 4-Bromofluorobenzene	*	80-120		**103.6**	%REC	1	02/18/2022 14:56	187842
Surr: Dibromofluoromethane	*	80-120		**100.2**	%REC	1	02/18/2022 14:56	187842
Surr: Toluene-d8	*	80-120		**97.9**	%REC	1	02/18/2022 14:56	187842

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-025
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 02/15/2022 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	02/22/2022 14:14	187908
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 14:14	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 14:14	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 14:14	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 14:14	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 14:14	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 14:14	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 14:14	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/22/2022 14:14	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/22/2022 14:14	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 14:14	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 14:14	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/22/2022 14:14	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 14:14	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 14:14	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 14:14	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/22/2022 14:14	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/22/2022 14:14	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/22/2022 14:14	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/22/2022 14:14	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**120.3**	%REC	1	02/22/2022 14:14	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**77.9**	%REC	1	02/22/2022 14:14	187908
Surr: 2-Fluorophenol	*	10-157		**60.5**	%REC	1	02/22/2022 14:14	187908
Surr: Nitrobenzene-d5	*	15-163		**79.0**	%REC	1	02/22/2022 14:14	187908
Surr: Phenol-d5	*	10-162		**57.8**	%REC	1	02/22/2022 14:14	187908
Surr: p-Terphenyl-d14	*	10-173		**92.5**	%REC	1	02/22/2022 14:14	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 15:23	187842
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:23	187842
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/28/2022 12:35	188113
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:23	187842
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:23	187842
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 12:35	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:23	187842
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:23	187842
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:23	187842
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:23	187842
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.6**	%REC	1	02/18/2022 15:23	187842
Surr: 4-Bromofluorobenzene	*	80-120		**103.5**	%REC	1	02/18/2022 15:23	187842
Surr: Dibromofluoromethane	*	80-120		**100.7**	%REC	1	02/18/2022 15:23	187842
Surr: Toluene-d8	*	80-120		**96.9**	%REC	1	02/18/2022 15:23	187842

Laboratory Results

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Client: ERM
Work Order: 22021022
Client Project: Ameren Taylorville 1 Qtr 2022
Report Date: 28-Feb-22
Lab ID: 22021022-026
Client Sample ID: GW-15-DUP
Matrix: GROUNDWATER
Collection Date: 02/17/2022 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 20:06	187908
Acenaphthylene	NELAP	0.00010	J	**0.000074**	mg/L	1	02/23/2022 20:06	187908
Anthracene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 20:06	187908
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 20:06	187908
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 20:06	187908
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 20:06	187908
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 20:06	187908
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 20:06	187908
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	02/23/2022 20:06	187908
Chrysene	NELAP	0.000100		**ND**	mg/L	1	02/23/2022 20:06	187908
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 20:06	187908
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 20:06	187908
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	02/23/2022 20:06	187908
Fluorene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 20:06	187908
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 20:06	187908
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 20:06	187908
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	02/23/2022 20:06	187908
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	02/23/2022 20:06	187908
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	02/23/2022 20:06	187908
Pyrene	NELAP	0.000200		**ND**	mg/L	1	02/23/2022 20:06	187908
Surr: 2,4,6-Tribromophenol	*	10-179		**76.3**	%REC	1	02/23/2022 20:06	187908
Surr: 2-Fluorobiphenyl	*	21.4-142		**68.4**	%REC	1	02/23/2022 20:06	187908
Surr: 2-Fluorophenol	*	10-157		**60.3**	%REC	1	02/23/2022 20:06	187908
Surr: Nitrobenzene-d5	*	15-163		**70.3**	%REC	1	02/23/2022 20:06	187908
Surr: Phenol-d5	*	10-162		**43.8**	%REC	1	02/23/2022 20:06	187908
Surr: p-Terphenyl-d14	*	10-173		**82.4**	%REC	1	02/23/2022 20:06	187908
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	02/18/2022 15:49	187842
Bromoform	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:49	187842
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:49	187842
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:49	187842
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:49	187842
Naphthalene	NELAP	2.00		**ND**	µg/L	1	02/28/2022 12:58	188113
o-Xylene	NELAP	1.00		**ND**	µg/L	1	02/18/2022 15:49	187842
Toluene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:49	187842
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:49	187842
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	02/18/2022 15:49	187842
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.4**	%REC	1	02/18/2022 15:49	187842
Surr: 4-Bromofluorobenzene	*	80-120		**102.7**	%REC	1	02/18/2022 15:49	187842
Surr: Dibromofluoromethane	*	80-120		**100.9**	%REC	1	02/18/2022 15:49	187842
Surr: Toluene-d8	*	80-120		**98.0**	%REC	1	02/18/2022 15:49	187842

Sample Summary

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1 Qtr 2022

Work Order: 22021022

Report Date: 28-Feb-22

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
22021022-001	GW-01	Groundwater	2	02/16/2022 14:05
22021022-002	GW-02	Groundwater	2	02/16/2022 16:30
22021022-003	GW-03	Groundwater	2	02/16/2022 18:10
22021022-004	GW-04R	Groundwater	2	02/17/2022 9:50
22021022-005	GW-05	Groundwater	2	02/15/2022 17:40
22021022-006	GW-07	Groundwater	2	02/16/2022 17:40
22021022-007	GW-14	Groundwater	2	02/16/2022 13:40
22021022-008	GW-15	Groundwater	2	02/17/2022 9:20
22021022-009	GW-16S	Groundwater	2	02/15/2022 14:05
22021022-010	GW-16D	Groundwater	2	02/15/2022 13:45
22021022-011	GW-17	Groundwater	2	02/15/2022 14:35
22021022-012	GW-18S	Groundwater	2	02/16/2022 12:25
22021022-013	GW-18D	Groundwater	2	02/16/2022 12:00
22021022-014	GW-19S	Groundwater	2	02/16/2022 10:45
22021022-015	GW-19D	Groundwater	2	02/16/2022 10:30
22021022-016	GW-20	Groundwater	2	02/16/2022 8:50
22021022-017	GW-21	Groundwater	2	02/16/2022 8:10
22021022-018	GW-22S	Groundwater	2	02/16/2022 16:00
22021022-019	GW-22D	Groundwater	2	02/16/2022 15:25
22021022-020	GW-19S-DUP	Groundwater	2	02/16/2022 10:45
22021022-021	Trip Blank 1	Trip Blank	1	02/17/2022 11:40
22021022-022	Trip Blank 2	Trip Blank	1	02/17/2022 11:40
22021022-023	GW-4R-DUP	Groundwater	2	02/17/2022 9:50
22021022-024	GW-25	Groundwater	2	02/15/2022 15:25
22021022-025	GW-26	Groundwater	2	02/15/2022 16:10
22021022-026	GW-15-DUP	Groundwater	2	02/17/2022 9:20

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1 Qtr 2022

Work Order: 22021022

Report Date: 28-Feb-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
22021022-001A	GW-01	02/16/2022 14:05	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/24/2022 17:08
22021022-001B	GW-01	02/16/2022 14:05	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 9:57
22021022-002A	GW-02	02/16/2022 16:30	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/24/2022 17:51
22021022-002B	GW-02	02/16/2022 16:30	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 10:21
22021022-003A	GW-03	02/16/2022 18:10	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/24/2022 18:34
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/25/2022 13:28
22021022-003B	GW-03	02/16/2022 18:10	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 10:45
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/21/2022 18:07
22021022-004A	GW-04R	02/17/2022 9:50	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/24/2022 19:17
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/25/2022 12:14
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/25/2022 13:53
22021022-004B	GW-04R	02/17/2022 9:50	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 11:09
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/21/2022 18:33
22021022-005A	GW-05	02/15/2022 17:40	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2022 14:38	02/22/2022 18:21
22021022-005B	GW-05	02/15/2022 17:40	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 11:32
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 9:50
22021022-006A	GW-07	02/16/2022 17:40	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/24/2022 20:00
22021022-006B	GW-07	02/16/2022 17:40	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 11:56
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 10:13
22021022-007A	GW-14	02/16/2022 13:40	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/24/2022 20:43
22021022-007B	GW-14	02/16/2022 13:40	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 12:19

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1 Qtr 2022

Work Order: 22021022

Report Date: 28-Feb-22

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				02/28/2022 10:37
22021022-008A	GW-15	02/17/2022 9:20	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/25/2022 13:10
22021022-008B	GW-15	02/17/2022 9:20	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 12:43
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 11:00
22021022-009A	GW-16S	02/15/2022 14:05	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2022 14:38	02/22/2022 18:58
22021022-009B	GW-16S	02/15/2022 14:05	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 13:07
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 11:24
22021022-010A	GW-16D	02/15/2022 13:45	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2022 14:38	02/22/2022 19:36
22021022-010B	GW-16D	02/15/2022 13:45	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 13:31
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 11:47
22021022-011A	GW-17	02/15/2022 14:35	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2022 14:38	02/22/2022 20:13
22021022-011B	GW-17	02/15/2022 14:35	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 13:54
22021022-012A	GW-18S	02/16/2022 12:25	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 12:13
22021022-012B	GW-18S	02/16/2022 12:25	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 14:18
22021022-013A	GW-18D	02/16/2022 12:00	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 12:56
22021022-013B	GW-18D	02/16/2022 12:00	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 14:42
22021022-014A	GW-19S	02/16/2022 10:45	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 13:39
22021022-014B	GW-19S	02/16/2022 10:45	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 15:05
22021022-015A	GW-19D	02/16/2022 10:30	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 14:23
22021022-015B	GW-19D	02/16/2022 10:30	02/17/2022 11:40		

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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				02/18/2022 15:29
22021022-016A	GW-20	02/16/2022 8:50	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 15:06
22021022-016B	GW-20	02/16/2022 8:50	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 15:52
22021022-017A	GW-21	02/16/2022 8:10	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 15:49
22021022-017B	GW-21	02/16/2022 8:10	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 16:16
22021022-018A	GW-22S	02/16/2022 16:00	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 16:33
22021022-018B	GW-22S	02/16/2022 16:00	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 16:39
22021022-019A	GW-22D	02/16/2022 15:25	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 17:15
22021022-019B	GW-22D	02/16/2022 15:25	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 17:03
22021022-020A	GW-19S-DUP	02/16/2022 10:45	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 19:24
22021022-020B	GW-19S-DUP	02/16/2022 10:45	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 13:11
22021022-021A	Trip Blank 1	02/17/2022 11:40	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 13:38
22021022-022A	Trip Blank 2	02/17/2022 11:40	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 14:04
22021022-023A	GW-4R-DUP	02/17/2022 9:50	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/25/2022 12:51
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/25/2022 14:51
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/23/2022 13:04	02/25/2022 15:18
22021022-023B	GW-4R-DUP	02/17/2022 9:50	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 14:30
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/21/2022 19:00
22021022-024A	GW-25	02/15/2022 15:25	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2022 14:38	02/22/2022 20:50
22021022-024B	GW-25	02/15/2022 15:25	02/17/2022 11:40		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1 Qtr 2022

Work Order: 22021022

Report Date: 28-Feb-22

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				02/18/2022 14:56
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 12:11
22021022-025A	GW-26	02/15/2022 16:10	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2022 14:38	02/22/2022 14:14
22021022-025B	GW-26	02/15/2022 16:10	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 15:23
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 12:35
22021022-026A	GW-15-DUP	02/17/2022 9:20	02/17/2022 11:40		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/22/2022 14:14	02/23/2022 20:06
22021022-026B	GW-15-DUP	02/17/2022 9:20	02/17/2022 11:40		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/18/2022 15:49
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/28/2022 12:58

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch **187908** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-187908

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						02/22/2022
Acenaphthylene		0.000100		**ND**						02/22/2022
Anthracene		0.000300		**ND**						02/22/2022
Benzo(a)anthracene		0.000100		**ND**						02/22/2022
Benzo(a)pyrene		0.000200		**ND**						02/22/2022
Benzo(b)fluoranthene		0.000100		**ND**						02/22/2022
Benzo(g,h,i)perylene		0.000200		**ND**						02/22/2022
Benzo(k)fluoranthene		0.000100		**ND**						02/22/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						02/22/2022
Chrysene		0.000100		**ND**						02/22/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						02/22/2022
Di-n-butyl phthalate		0.0100		**ND**						02/22/2022
Fluoranthene		0.000300		**ND**						02/22/2022
Fluorene		0.000200		**ND**						02/22/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						02/22/2022
m,p-Cresol		0.0100		**ND**						02/22/2022
Naphthalene		0.000400		**ND**						02/22/2022
o-Cresol		0.0100		**ND**						02/22/2022
Phenanthrene		0.000600		**ND**						02/22/2022
Pyrene		0.000200		**ND**						02/22/2022
Surr: 2,4,6-Tribromophenol	*			**0.00222**	0.0020		111.0	49.4	123	02/22/2022
Surr: 2-Fluorobiphenyl	*			**0.000490**	0.0010		49.0	45.5	94.3	02/22/2022
Surr: 2-Fluorophenol	*			**0.00119**	0.0020		59.7	41.6	103	02/22/2022
Surr: Nitrobenzene-d5	*			**0.000634**	0.0010		63.4	51.6	102	02/22/2022
Surr: Phenol-d5	*			**0.00109**	0.0020		54.5	32.6	109	02/22/2022
Surr: p-Terphenyl-d14	*			**0.000840**	0.0010		84.0	60.8	130	02/22/2022

Quality Control Results

http://www.teklabinc.com/

Client: ERM

Work Order: 22021022

Client Project: Ameren Taylorville 1 Qtr 2022

Report Date: 28-Feb-22

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

Batch **187908** **SampType:** **LCS** Units **mg/L**

SampID: LCS-187908

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00129**	0.0020	0	64.5	54.7	110	02/22/2022
Acenaphthylene		0.000100		**0.00133**	0.0020	0	66.7	56.2	116	02/22/2022
Anthracene		0.000300		**0.00121**	0.0020	0	60.5	55.3	113	02/22/2022
Benzo(a)anthracene		0.000100		**0.00132**	0.0020	0	66.0	54.6	112	02/22/2022
Benzo(a)pyrene		0.000200		**0.00130**	0.0020	0	64.8	57.2	118	02/22/2022
Benzo(b)fluoranthene		0.000100		**0.00141**	0.0020	0	70.3	50.3	119	02/22/2022
Benzo(g,h,i)perylene		0.000200		**0.00139**	0.0020	0	69.7	59.3	122	02/22/2022
Benzo(k)fluoranthene		0.000100		**0.00134**	0.0020	0	67.1	58.8	114	02/22/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	114.6	50	187	02/22/2022
Chrysene		0.000100		**0.00140**	0.0020	0	70.1	58.9	113	02/22/2022
Dibenzo(a,h)anthracene		0.000200		**0.00147**	0.0020	0	73.6	50	134	02/22/2022
Di-n-butyl phthalate		0.0100	J	**0.0016**	0.0020	0	77.5	62.7	144	02/22/2022
Fluoranthene		0.000300		**0.00133**	0.0020	0	66.7	61.2	114	02/22/2022
Fluorene		0.000200		**0.00140**	0.0020	0	70.1	61.6	110	02/22/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00156**	0.0020	0	77.8	54.3	128	02/22/2022
m,p-Cresol		0.0100		**0.0127**	0.0200	0	63.4	48.1	116	02/22/2022
Naphthalene		0.000400		**0.00129**	0.0020	0	64.4	51.7	105	02/22/2022
o-Cresol		0.0100		**0.0124**	0.0200	0	61.8	50	115	02/22/2022
Phenanthrene		0.000600		**0.00129**	0.0020	0	64.3	60.9	121	02/22/2022
Pyrene		0.000200		**0.00128**	0.0020	0	63.8	59.1	114	02/22/2022
Surr: 2,4,6-Tribromophenol	*			**0.00175**	0.0020		87.5	49.4	123	02/22/2022
Surr: 2-Fluorobiphenyl	*			**0.000590**	0.0010		59.0	45.5	94.3	02/22/2022
Surr: 2-Fluorophenol	*			**0.00145**	0.0020		72.4	41.6	103	02/22/2022
Surr: Nitrobenzene-d5	*			**0.000668**	0.0010		66.8	51.6	102	02/22/2022
Surr: Phenol-d5	*			**0.00112**	0.0020		56.2	32.6	109	02/22/2022
Surr: p-Terphenyl-d14	*			**0.000731**	0.0010		73.1	60.8	130	02/22/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch **187908** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-187908

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100	R	**0.00197**	0.0020	0	98.5	0.001291	41.71	02/22/2022
Acenaphthylene		0.000100	R	**0.00204**	0.0020	0	102.2	0.001333	42.10	02/22/2022
Anthracene		0.000300	R	**0.00192**	0.0020	0	96.2	0.001210	45.61	02/22/2022
Benzo(a)anthracene		0.000100		**0.00198**	0.0020	0	99.0	0.001321	39.96	02/22/2022
Benzo(a)pyrene		0.000200	R	**0.00199**	0.0020	0	99.7	0.001297	42.33	02/22/2022
Benzo(b)fluoranthene		0.000100	R	**0.00211**	0.0020	0	105.6	0.001406	40.18	02/22/2022
Benzo(g,h,i)perylene		0.000200	R	**0.00219**	0.0020	0	109.6	0.001393	44.57	02/22/2022
Benzo(k)fluoranthene		0.000100	R	**0.00212**	0.0020	0	105.8	0.001342	44.77	02/22/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0034**	0.0020	0	170.1	0.002292	0.00	02/22/2022
Chrysene		0.000100	R	**0.00212**	0.0020	0	106.2	0.001401	40.99	02/22/2022
Dibenzo(a,h)anthracene		0.000200	R	**0.00221**	0.0020	0	110.4	0.001471	40.07	02/22/2022
Di-n-butyl phthalate		0.0100	J	**0.0025**	0.0020	0	123.3	0.001550	0.00	02/22/2022
Fluoranthene		0.000300	R	**0.00211**	0.0020	0	105.6	0.001334	45.16	02/22/2022
Fluorene		0.000200	R	**0.00212**	0.0020	0	106.2	0.001401	41.04	02/22/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00232**	0.0020	0	116.0	0.001555	39.48	02/22/2022
m,p-Cresol		0.0100		**0.0175**	0.0200	0	87.3	0.01268	31.71	02/22/2022
Naphthalene		0.000400	R	**0.00194**	0.0020	0	96.9	0.001289	40.27	02/22/2022
o-Cresol		0.0100		**0.0172**	0.0200	0	85.9	0.01237	32.55	02/22/2022
Phenanthrene		0.000600	R	**0.00203**	0.0020	0	101.4	0.001286	44.81	02/22/2022
Pyrene		0.000200	R	**0.00203**	0.0020	0	101.5	0.001277	45.53	02/22/2022
Surr: 2,4,6-Tribromophenol	*			**0.00225**	0.0020		112.4			02/22/2022
Surr: 2-Fluorobiphenyl	*			**0.000881**	0.0010		88.1			02/22/2022
Surr: 2-Fluorophenol	*			**0.00169**	0.0020		84.5			02/22/2022
Surr: Nitrobenzene-d5	*			**0.000994**	0.0010		99.4			02/22/2022
Surr: Phenol-d5	*			**0.00189**	0.0020		94.5			02/22/2022
Surr: p-Terphenyl-d14	*			**0.00114**	0.0010		114.4			02/22/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch **187908** **SampType:** **MS** Units **mg/L**

SampID: 22021022-019AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00151**	0.0020	0	75.7	28.3	133	02/23/2022
Acenaphthylene		0.000100		**0.00157**	0.0020	0	78.5	5	176	02/23/2022
Anthracene		0.000300		**0.00166**	0.0020	0	83.1	34.6	131	02/23/2022
Benzo(a)anthracene		0.000100		**0.00154**	0.0020	0	77.2	40.3	132	02/23/2022
Benzo(a)pyrene		0.000200		**0.00162**	0.0020	0	80.8	40.8	132	02/23/2022
Benzo(b)fluoranthene		0.000100		**0.00157**	0.0020	0	78.5	41.9	132	02/23/2022
Benzo(g,h,i)perylene		0.000200		**0.00145**	0.0020	0	72.7	46	132	02/23/2022
Benzo(k)fluoranthene		0.000100		**0.00166**	0.0020	0	82.9	49.4	126	02/23/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0021**	0.0020	0	103.5	18.4	222	02/23/2022
Chrysene		0.000100		**0.00177**	0.0020	0	88.3	46.1	129	02/23/2022
Dibenzo(a,h)anthracene		0.000200		**0.00157**	0.0020	0	78.7	42.1	146	02/23/2022
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	97.3	59.6	146	02/23/2022
Fluoranthene		0.000300		**0.00174**	0.0020	0	87.0	23.9	164	02/23/2022
Fluorene		0.000200		**0.00154**	0.0020	0	76.9	24.3	148	02/23/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00165**	0.0020	0	82.6	26.6	157	02/23/2022
m,p-Cresol		0.0100		**0.0156**	0.0200	0	78.0	5	156	02/23/2022
Naphthalene		0.000400		**0.00156**	0.0020	0	77.8	24.2	132	02/23/2022
o-Cresol		0.0100		**0.0162**	0.0200	0	81.2	38	113	02/23/2022
Phenanthrene		0.000600		**0.00171**	0.0020	0	85.6	36.6	139	02/23/2022
Pyrene		0.000200		**0.00179**	0.0020	0	89.6	14.6	169	02/23/2022
Surr: 2,4,6-Tribromophenol	*			**0.00190**	0.0020		95.0	10	179	02/23/2022
Surr: 2-Fluorobiphenyl	*			**0.000805**	0.0010		80.5	21.4	142	02/23/2022
Surr: 2-Fluorophenol	*			**0.00133**	0.0020		66.5	10	157	02/23/2022
Surr: Nitrobenzene-d5	*			**0.000768**	0.0010		76.8	15	163	02/23/2022
Surr: Phenol-d5	*			**0.00120**	0.0020		60.0	10	162	02/23/2022
Surr: p-Terphenyl-d14	*			**0.000920**	0.0010		92.0	10	173	02/23/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch **187908** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 22021022-019AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00148**	0.0020	0	73.9	0.001513	2.33	02/23/2022
Acenaphthylene		0.000100		**0.00157**	0.0020	0	78.3	0.001570	0.22	02/23/2022
Anthracene		0.000300		**0.00142**	0.0020	0	71.0	0.001662	15.74	02/23/2022
Benzo(a)anthracene		0.000100		**0.00144**	0.0020	0	72.0	0.001544	6.90	02/23/2022
Benzo(a)pyrene		0.000200		**0.00154**	0.0020	0	76.9	0.001616	4.90	02/23/2022
Benzo(b)fluoranthene		0.000100		**0.00145**	0.0020	0	72.4	0.001570	8.04	02/23/2022
Benzo(g,h,i)perylene		0.000200		**0.00140**	0.0020	0	69.8	0.001454	4.16	02/23/2022
Benzo(k)fluoranthene		0.000100		**0.00155**	0.0020	0	77.3	0.001657	6.90	02/23/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0019**	0.0020	0	92.8	0.002069	0.00	02/23/2022
Chrysene		0.000100		**0.00158**	0.0020	0	78.8	0.001766	11.35	02/23/2022
Dibenzo(a,h)anthracene		0.000200		**0.00152**	0.0020	0	76.0	0.001575	3.53	02/23/2022
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	84.2	0.001946	0.00	02/23/2022
Fluoranthene		0.000300		**0.00156**	0.0020	0	77.8	0.001741	11.18	02/23/2022
Fluorene		0.000200		**0.00151**	0.0020	0	75.7	0.001539	1.59	02/23/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00155**	0.0020	0	77.4	0.001652	6.46	02/23/2022
m,p-Cresol		0.0100		**0.0139**	0.0200	0	69.7	0.01560	11.22	02/23/2022
Naphthalene		0.000400		**0.00150**	0.0020	0	74.9	0.001556	3.77	02/23/2022
o-Cresol		0.0100		**0.0147**	0.0200	0	73.4	0.01625	10.10	02/23/2022
Phenanthrene		0.000600		**0.00151**	0.0020	0	75.6	0.001712	12.44	02/23/2022
Pyrene		0.000200		**0.00155**	0.0020	0	77.7	0.001793	14.23	02/23/2022
Surr: 2,4,6-Tribromophenol	*			**0.00161**	0.0020		80.4			02/23/2022
Surr: 2-Fluorobiphenyl	*			**0.000696**	0.0010		69.6			02/23/2022
Surr: 2-Fluorophenol	*			**0.00123**	0.0020		61.4			02/23/2022
Surr: Nitrobenzene-d5	*			**0.000697**	0.0010		69.7			02/23/2022
Surr: Phenol-d5	*			**0.00114**	0.0020		57.1			02/23/2022
Surr: p-Terphenyl-d14	*			**0.000836**	0.0010		83.6			02/23/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch **187997** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-187997

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						02/24/2022
Acenaphthylene		0.000100		**ND**						02/24/2022
Anthracene		0.000300		**ND**						02/24/2022
Benzo(a)anthracene		0.000100		**ND**						02/24/2022
Benzo(a)pyrene		0.000200		**ND**						02/24/2022
Benzo(b)fluoranthene		0.000100		**ND**						02/24/2022
Benzo(g,h,i)perylene		0.000200		**ND**						02/24/2022
Benzo(k)fluoranthene		0.000100		**ND**						02/24/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						02/24/2022
Chrysene		0.000100		**ND**						02/24/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						02/24/2022
Di-n-butyl phthalate		0.0100		**ND**						02/24/2022
Fluoranthene		0.000300		**ND**						02/24/2022
Fluorene		0.000200		**ND**						02/24/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						02/24/2022
m,p-Cresol		0.0100		**ND**						02/24/2022
Naphthalene		0.000400		**ND**						02/24/2022
o-Cresol		0.0100		**ND**						02/24/2022
Phenanthrene		0.000600		**ND**						02/24/2022
Pyrene		0.000200		**ND**						02/24/2022
Surr: 2,4,6-Tribromophenol	*			**0.00198**	0.0020		99.0	49.4	123	02/24/2022
Surr: 2-Fluorobiphenyl	*			**0.000704**	0.0010		70.4	45.5	94.3	02/24/2022
Surr: 2-Fluorophenol	*			**0.00133**	0.0020		66.3	41.6	103	02/24/2022
Surr: Nitrobenzene-d5	*			**0.000750**	0.0010		75.0	51.6	102	02/24/2022
Surr: Phenol-d5	*			**0.00120**	0.0020		60.0	32.6	109	02/24/2022
Surr: p-Terphenyl-d14	*			**0.00101**	0.0010		100.7	60.8	130	02/24/2022

Quality Control Results

http://www.teklabinc.com/

Client: ERM

Work Order: 22021022

Client Project: Ameren Taylorville 1 Qtr 2022

Report Date: 28-Feb-22

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

Batch **187997** **SampType:** **LCS** Units **mg/L**

SampID: LCS-187997

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00154**	0.0020	0	77.1	54.7	110	02/25/2022
Acenaphthylene		0.000100		**0.00154**	0.0020	0	76.9	56.2	116	02/25/2022
Anthracene		0.000300		**0.00143**	0.0020	0	71.6	55.3	113	02/25/2022
Benzo(a)anthracene		0.000100		**0.00142**	0.0020	0	71.0	54.6	112	02/25/2022
Benzo(a)pyrene		0.000200		**0.00146**	0.0020	0	72.8	57.2	118	02/25/2022
Benzo(b)fluoranthene		0.000100		**0.00146**	0.0020	0	73.0	50.3	119	02/25/2022
Benzo(g,h,i)perylene		0.000200		**0.00165**	0.0020	0	82.4	59.3	122	02/25/2022
Benzo(k)fluoranthene		0.000100		**0.00158**	0.0020	0	78.9	58.8	114	02/25/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0019**	0.0020	0	95.8	50	187	02/25/2022
Chrysene		0.000100		**0.00172**	0.0020	0	85.9	58.9	113	02/25/2022
Dibenzo(a,h)anthracene		0.000200		**0.00172**	0.0020	0	85.8	50	134	02/25/2022
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	89.7	62.7	144	02/25/2022
Fluoranthene		0.000300		**0.00163**	0.0020	0	81.4	61.2	114	02/25/2022
Fluorene		0.000200		**0.00163**	0.0020	0	81.5	61.6	110	02/25/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00173**	0.0020	0	86.3	54.3	128	02/25/2022
m,p-Cresol		0.0100		**0.0150**	0.0200	0	75.1	48.1	116	02/25/2022
Naphthalene		0.000400		**0.00157**	0.0020	0	78.7	51.7	105	02/25/2022
o-Cresol		0.0100		**0.0153**	0.0200	0	76.5	50	115	02/25/2022
Phenanthrene		0.000600		**0.00162**	0.0020	0	81.2	60.9	121	02/25/2022
Pyrene		0.000200		**0.00167**	0.0020	0	83.5	59.1	114	02/25/2022
Surr: 2,4,6-Tribromophenol	*			**0.00240**	0.0020		120.0	49.4	123	02/25/2022
Surr: 2-Fluorobiphenyl	*			**0.000762**	0.0010		76.2	45.5	94.3	02/25/2022
Surr: 2-Fluorophenol	*			**0.00124**	0.0020		61.8	41.6	103	02/25/2022
Surr: Nitrobenzene-d5	*			**0.000750**	0.0010		75.0	51.6	102	02/25/2022
Surr: Phenol-d5	*			**0.00125**	0.0020		62.5	32.6	109	02/25/2022
Surr: p-Terphenyl-d14	*			**0.000915**	0.0010		91.5	60.8	130	02/25/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch **187997** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-187997

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00135**	0.0020	0	67.6	0.001542	13.20	02/24/2022
Acenaphthylene		0.000100		**0.00145**	0.0020	0	72.4	0.001538	6.06	02/24/2022
Anthracene		0.000300		**0.00157**	0.0020	0	78.7	0.001432	9.42	02/24/2022
Benzo(a)anthracene		0.000100		**0.00146**	0.0020	0	72.8	0.001421	2.50	02/24/2022
Benzo(a)pyrene		0.000200		**0.00142**	0.0020	0	70.8	0.001456	2.74	02/24/2022
Benzo(b)fluoranthene		0.000100		**0.00141**	0.0020	0	70.6	0.001460	3.36	02/24/2022
Benzo(g,h,i)perylene		0.000200		**0.00167**	0.0020	0	83.5	0.001648	1.32	02/24/2022
Benzo(k)fluoranthene		0.000100		**0.00158**	0.0020	0	79.0	0.001577	0.13	02/24/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0018**	0.0020	0	92.5	0.001916	0.00	02/24/2022
Chrysene		0.000100		**0.00161**	0.0020	0	80.7	0.001718	6.22	02/24/2022
Dibenzo(a,h)anthracene		0.000200		**0.00169**	0.0020	0	84.5	0.001716	1.52	02/24/2022
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	87.7	0.001795	0.00	02/24/2022
Fluoranthene		0.000300		**0.00161**	0.0020	0	80.4	0.001627	1.13	02/24/2022
Fluorene		0.000200		**0.00148**	0.0020	0	74.2	0.001630	9.35	02/24/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00173**	0.0020	0	86.3	0.001726	0.01	02/24/2022
m,p-Cresol		0.0100		**0.0162**	0.0200	0	80.8	0.01503	7.31	02/24/2022
Naphthalene		0.000400		**0.00147**	0.0020	0	73.6	0.001575	6.76	02/24/2022
o-Cresol		0.0100		**0.0159**	0.0200	0	79.7	0.01530	4.17	02/24/2022
Phenanthrene		0.000600		**0.00155**	0.0020	0	77.7	0.001625	4.40	02/24/2022
Pyrene		0.000200		**0.00161**	0.0020	0	80.6	0.001670	3.53	02/24/2022
Surr: 2,4,6-Tribromophenol	*			**0.00161**	0.0020		80.5			02/24/2022
Surr: 2-Fluorobiphenyl	*			**0.000723**	0.0010		72.3			02/24/2022
Surr: 2-Fluorophenol	*			**0.00120**	0.0020		59.9			02/24/2022
Surr: Nitrobenzene-d5	*			**0.000664**	0.0010		66.4			02/24/2022
Surr: Phenol-d5	*			**0.00132**	0.0020		66.2			02/24/2022
Surr: p-Terphenyl-d14	*			**0.000884**	0.0010		88.4			02/24/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch 187841 **SampType:** MBLK Units µg/L

SampID: MBLK-AK220218A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						02/18/2022
Bromoform	*	2.0		**ND**						02/18/2022
Ethylbenzene	*	2.0		**ND**						02/18/2022
m,p-Xylenes	*	2.0		**ND**						02/18/2022
Methylene chloride	*	2.0		**ND**						02/18/2022
Naphthalene	*	5.0		**ND**						02/18/2022
o-Xylene	*	2.0		**ND**						02/18/2022
Toluene	*	2.0		**ND**						02/18/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						02/18/2022
Xylenes, Total	*	4.0		**ND**						02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**47.9**	50.00		95.8	80	120	02/18/2022
Surr: 4-Bromofluorobenzene	*			**52.2**	50.00		104.5	80	120	02/18/2022
Surr: Dibromofluoromethane	*			**48.0**	50.00		96.0	80	120	02/18/2022
Surr: Toluene-d8	*			**48.7**	50.00		97.4	80	120	02/18/2022

Batch 187841 **SampType:** LCS Units µg/L

SampID: LCS-AK220218A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**58.5**	50.00	0	117.1	78.5	119	02/18/2022
Bromoform	*	2.0		**46.5**	50.00	0	93.0	78.9	121	02/18/2022
Ethylbenzene	*	2.0		**53.8**	50.00	0	107.5	78.2	114	02/18/2022
m,p-Xylenes	*	2.0		**106**	100.0	0	105.8	77.2	116	02/18/2022
Methylene chloride	*	2.0		**53.2**	50.00	0	106.5	71.8	115	02/18/2022
Naphthalene	*	5.0		**45.7**	50.00	0	91.5	75.6	121	02/18/2022
o-Xylene	*	2.0		**51.9**	50.00	0	103.7	79.2	112	02/18/2022
Toluene	*	2.0		**53.8**	50.00	0	107.5	78.6	112	02/18/2022
trans-1,2-Dichloroethene	*	2.0		**57.0**	50.00	0	114.0	75.7	130	02/18/2022
Xylenes, Total	*	4.0		**158**	150.0	0	105.1	78.3	114	02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**46.8**	50.00		93.5	80	120	02/18/2022
Surr: 4-Bromofluorobenzene	*			**49.2**	50.00		98.5	80	120	02/18/2022
Surr: Dibromofluoromethane	*			**48.2**	50.00		96.3	80	120	02/18/2022
Surr: Toluene-d8	*			**47.8**	50.00		95.6	80	120	02/18/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch 187841 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AK220218A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**54.0**	50.00	0	108.0	58.53	8.01	02/18/2022
Bromoform	*	2.0		**43.4**	50.00	0	86.8	46.50	6.94	02/18/2022
Ethylbenzene	*	2.0		**49.6**	50.00	0	99.2	53.77	8.09	02/18/2022
m,p-Xylenes	*	2.0		**97.4**	100.0	0	97.4	105.8	8.33	02/18/2022
Methylene chloride	*	2.0		**49.3**	50.00	0	98.6	53.23	7.67	02/18/2022
Naphthalene	*	5.0		**43.6**	50.00	0	87.2	45.73	4.75	02/18/2022
o-Xylene	*	2.0		**47.6**	50.00	0	95.2	51.86	8.55	02/18/2022
Toluene	*	2.0		**49.2**	50.00	0	98.4	53.77	8.88	02/18/2022
trans-1,2-Dichloroethene	*	2.0		**52.9**	50.00	0	105.9	57.01	7.42	02/18/2022
Xylenes, Total	*	4.0		**145**	150.0	0	96.7	157.7	8.40	02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**47.3**	50.00		94.5			02/18/2022
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4			02/18/2022
Surr: Dibromofluoromethane	*			**48.2**	50.00		96.3			02/18/2022
Surr: Toluene-d8	*			**47.7**	50.00		95.3			02/18/2022

Batch 187841 **SampType:** MS Units **µg/L**

SampID: 22021022-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50	S	**69.6**	50.00	0	139.2	72	120	02/18/2022
Ethylbenzene		1.00	S	**59.7**	50.00	0	119.5	74.8	115	02/18/2022
m,p-Xylenes		1.00	S	**60.7**	50.00	0	121.4	69.7	115	02/18/2022
o-Xylene		1.00	S	**59.0**	50.00	0	118.0	72.9	111	02/18/2022
Toluene		2.00	S	**62.4**	50.00	0	124.8	70.6	109	02/18/2022
Xylenes, Total		2.00	S	**120**	100.0	0	119.7	72.1	113	02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**49.8**	50.00		99.5	80	120	02/18/2022
Surr: 4-Bromofluorobenzene	*			**52.5**	50.00		105.0	80	120	02/18/2022
Surr: Dibromofluoromethane	*			**47.1**	50.00		94.2	80	120	02/18/2022
Surr: Toluene-d8	*			**48.0**	50.00		96.0	80	120	02/18/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch 187841 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 22021022-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**57.9**	50.00	0	115.9	69.61	18.32	02/18/2022
Ethylbenzene		1.00		**50.1**	50.00	0	100.1	59.73	17.60	02/18/2022
m,p-Xylenes		1.00		**51.0**	50.00	0	101.9	60.70	17.43	02/18/2022
o-Xylene		1.00		**49.3**	50.00	0	98.6	58.98	17.88	02/18/2022
Toluene		2.00		**52.4**	50.00	0	104.8	62.38	17.37	02/18/2022
Xylenes, Total		2.00		**100**	100.0	0	100.3	119.7	17.65	02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**49.2**	50.00		98.3			02/18/2022
Surr: 4-Bromofluorobenzene	*			**53.2**	50.00		106.4			02/18/2022
Surr: Dibromofluoromethane	*			**47.5**	50.00		95.0			02/18/2022
Surr: Toluene-d8	*			**48.3**	50.00		96.6			02/18/2022

Batch 187842 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AM220218A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						02/18/2022
Bromoform	*	2.0		**ND**						02/18/2022
Ethylbenzene	*	2.0		**ND**						02/18/2022
m,p-Xylenes	*	2.0		**ND**						02/18/2022
Methylene chloride	*	2.0		**ND**						02/18/2022
Naphthalene	*	5.0		**ND**						02/18/2022
o-Xylene	*	2.0		**ND**						02/18/2022
Toluene	*	2.0		**ND**						02/18/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						02/18/2022
Xylenes, Total	*	4.0		**ND**						02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**49.9**	50.00		99.8	80	120	02/18/2022
Surr: 4-Bromofluorobenzene	*			**51.4**	50.00		102.8	80	120	02/18/2022
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.7	80	120	02/18/2022
Surr: Toluene-d8	*			**49.0**	50.00		97.9	80	120	02/18/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch 187842 **SampType:** LCS Units **µg/L**

SampID: LCS-AM220218A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**53.2**	50.00	0	106.4	78.5	119	02/18/2022
Bromoform	*	2.0		**48.0**	50.00	0	96.1	78.9	121	02/18/2022
Ethylbenzene	*	2.0		**51.9**	50.00	0	103.9	78.2	114	02/18/2022
m,p-Xylenes	*	2.0		**104**	100.0	0	104.1	77.2	116	02/18/2022
Methylene chloride	*	2.0		**51.0**	50.00	0	102.1	71.8	115	02/18/2022
Naphthalene	*	5.0		**53.0**	50.00	0	105.9	75.6	121	02/18/2022
o-Xylene	*	2.0		**50.3**	50.00	0	100.6	79.2	112	02/18/2022
Toluene	*	2.0		**51.2**	50.00	0	102.5	78.6	112	02/18/2022
trans-1,2-Dichloroethene	*	2.0		**55.2**	50.00	0	110.4	75.7	130	02/18/2022
Xylenes, Total	*	4.0		**154**	150.0	0	103.0	78.3	114	02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**49.6**	50.00		99.2	80	120	02/18/2022
Surr: 4-Bromofluorobenzene	*			**50.9**	50.00		101.7	80	120	02/18/2022
Surr: Dibromofluoromethane	*			**50.3**	50.00		100.6	80	120	02/18/2022
Surr: Toluene-d8	*			**49.1**	50.00		98.1	80	120	02/18/2022

Batch 187842 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM220218A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**53.0**	50.00	0	106.0	53.20	0.40	02/18/2022
Bromoform	*	2.0		**48.0**	50.00	0	95.9	48.05	0.17	02/18/2022
Ethylbenzene	*	2.0		**51.3**	50.00	0	102.7	51.93	1.14	02/18/2022
m,p-Xylenes	*	2.0		**103**	100.0	0	103.1	104.1	1.00	02/18/2022
Methylene chloride	*	2.0		**50.9**	50.00	0	101.9	51.05	0.22	02/18/2022
Naphthalene	*	5.0		**51.9**	50.00	0	103.8	52.97	2.00	02/18/2022
o-Xylene	*	2.0		**49.6**	50.00	0	99.2	50.32	1.48	02/18/2022
Toluene	*	2.0		**50.8**	50.00	0	101.5	51.25	0.96	02/18/2022
trans-1,2-Dichloroethene	*	2.0		**54.4**	50.00	0	108.7	55.19	1.52	02/18/2022
Xylenes, Total	*	4.0		**153**	150.0	0	101.8	154.4	1.16	02/18/2022
Surr: 1,2-Dichloroethane-d4	*			**49.5**	50.00		98.9			02/18/2022
Surr: 4-Bromofluorobenzene	*			**51.3**	50.00		102.6			02/18/2022
Surr: Dibromofluoromethane	*			**49.5**	50.00		99.0			02/18/2022
Surr: Toluene-d8	*			**49.0**	50.00		98.0			02/18/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch 187895 **SampType:** MBLK Units µg/L

SampID: MBLK-AM220221A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						02/21/2022
Bromoform	*	2.0		**ND**						02/21/2022
Ethylbenzene	*	2.0		**ND**						02/21/2022
m,p-Xylenes	*	2.0		**ND**						02/21/2022
Methylene chloride	*	2.0		**ND**						02/21/2022
Naphthalene	*	5.0		**ND**						02/21/2022
o-Xylene	*	2.0		**ND**						02/21/2022
Toluene	*	2.0		**ND**						02/21/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						02/21/2022
Xylenes, Total	*	4.0		**ND**						02/21/2022
Surr: 1,2-Dichloroethane-d4	*			**49.9**	50.00		99.9	80	120	02/21/2022
Surr: 4-Bromofluorobenzene	*			**51.3**	50.00		102.5	80	120	02/21/2022
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.5	80	120	02/21/2022
Surr: Toluene-d8	*			**48.9**	50.00		97.8	80	120	02/21/2022

Batch 187895 **SampType:** LCS Units µg/L

SampID: LCS-AM220221A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**55.8**	50.00	0	111.6	78.5	119	02/21/2022
Bromoform	*	2.0		**49.5**	50.00	0	99.1	78.9	121	02/21/2022
Ethylbenzene	*	2.0		**53.9**	50.00	0	107.8	78.2	114	02/21/2022
m,p-Xylenes	*	2.0		**108**	100.0	0	108.1	77.2	116	02/21/2022
Methylene chloride	*	2.0		**53.2**	50.00	0	106.4	71.8	115	02/21/2022
Naphthalene	*	5.0		**53.8**	50.00	0	107.5	75.6	121	02/21/2022
o-Xylene	*	2.0		**52.4**	50.00	0	104.8	79.2	112	02/21/2022
Toluene	*	2.0		**53.2**	50.00	0	106.3	78.6	112	02/21/2022
trans-1,2-Dichloroethene	*	2.0		**57.6**	50.00	0	115.2	75.7	130	02/21/2022
Xylenes, Total	*	4.0		**161**	150.0	0	107.0	78.3	114	02/21/2022
Surr: 1,2-Dichloroethane-d4	*			**49.2**	50.00		98.4	80	120	02/21/2022
Surr: 4-Bromofluorobenzene	*			**51.3**	50.00		102.5	80	120	02/21/2022
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.1	80	120	02/21/2022
Surr: Toluene-d8	*			**48.4**	50.00		96.8	80	120	02/21/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch 187895 **SampType:** LCSD Units µg/L RPD Limit: 15.9

SampID: LCSD-AM220221A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**53.9**	50.00	0	107.8	55.81	3.52	02/21/2022
Bromoform	*	2.0		**48.5**	50.00	0	97.0	49.53	2.14	02/21/2022
Ethylbenzene	*	2.0		**52.4**	50.00	0	104.8	53.91	2.80	02/21/2022
m,p-Xylenes	*	2.0		**104**	100.0	0	104.4	108.1	3.48	02/21/2022
Methylene chloride	*	2.0		**51.4**	50.00	0	102.7	53.22	3.58	02/21/2022
Naphthalene	*	5.0		**52.4**	50.00	0	104.8	53.75	2.56	02/21/2022
o-Xylene	*	2.0		**50.7**	50.00	0	101.3	52.40	3.36	02/21/2022
Toluene	*	2.0		**51.5**	50.00	0	103.0	53.16	3.21	02/21/2022
trans-1,2-Dichloroethene	*	2.0		**55.4**	50.00	0	110.7	57.59	3.97	02/21/2022
Xylenes, Total	*	4.0		**155**	150.0	0	103.4	160.5	3.44	02/21/2022
Surr: 1,2-Dichloroethane-d4	*			**49.3**	50.00		98.6			02/21/2022
Surr: 4-Bromofluorobenzene	*			**50.5**	50.00		100.9			02/21/2022
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.2			02/21/2022
Surr: Toluene-d8	*			**48.7**	50.00		97.4			02/21/2022

Batch 188113 **SampType:** MBLK Units µg/L

SampID: MBLK-AK220228A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						02/28/2022
Bromoform	*	2.0		**ND**						02/28/2022
Ethylbenzene	*	2.0		**ND**						02/28/2022
m,p-Xylenes	*	2.0		**ND**						02/28/2022
Methylene chloride	*	2.0		**ND**						02/28/2022
Naphthalene	*	5.0		**ND**						02/28/2022
o-Xylene	*	2.0		**ND**						02/28/2022
Toluene	*	2.0		**ND**						02/28/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						02/28/2022
Xylenes, Total	*	4.0		**ND**						02/28/2022
Surr: 1,2-Dichloroethane-d4	*			**49.9**	50.00		99.8	80	120	02/28/2022
Surr: 4-Bromofluorobenzene	*			**50.1**	50.00		100.3	80	120	02/28/2022
Surr: Dibromofluoromethane	*			**49.6**	50.00		99.2	80	120	02/28/2022
Surr: Toluene-d8	*			**51.2**	50.00		102.3	80	120	02/28/2022

Client: ERM **Work Order:** 22021022

Client Project: Ameren Taylorville 1 Qtr 2022 **Report Date:** 28-Feb-22

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

Batch 188113 **SampType:** LCS Units **µg/L**

SampID: LCS-AK220228A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**45.4**	50.00	0	90.8	78.5	119	02/28/2022
Bromoform	*	2.0		**54.9**	50.00	0	109.7	78.9	121	02/28/2022
Ethylbenzene	*	2.0		**47.7**	50.00	0	95.4	78.2	114	02/28/2022
m,p-Xylenes	*	2.0		**95.2**	100.0	0	95.2	77.2	116	02/28/2022
Methylene chloride	*	2.0		**42.4**	50.00	0	84.9	71.8	115	02/28/2022
Naphthalene	*	5.0		**50.8**	50.00	0	101.6	75.6	121	02/28/2022
o-Xylene	*	2.0		**47.0**	50.00	0	94.0	79.2	112	02/28/2022
Toluene	*	2.0		**47.5**	50.00	0	94.9	78.6	112	02/28/2022
trans-1,2-Dichloroethene	*	2.0		**44.6**	50.00	0	89.3	75.7	130	02/28/2022
Xylenes, Total	*	4.0		**142**	150.0	0	94.8	78.3	114	02/28/2022
Surr: 1,2-Dichloroethane-d4	*			**48.7**	50.00		97.5	80	120	02/28/2022
Surr: 4-Bromofluorobenzene	*			**47.6**	50.00		95.1	80	120	02/28/2022
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.2	80	120	02/28/2022
Surr: Toluene-d8	*			**50.2**	50.00		100.3	80	120	02/28/2022

Batch 188113 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AK220228A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**45.1**	50.00	0	90.2	45.39	0.64	02/28/2022
Bromoform	*	2.0		**56.3**	50.00	0	112.6	54.86	2.61	02/28/2022
Ethylbenzene	*	2.0		**47.6**	50.00	0	95.1	47.71	0.31	02/28/2022
m,p-Xylenes	*	2.0		**95.4**	100.0	0	95.4	95.17	0.28	02/28/2022
Methylene chloride	*	2.0		**42.2**	50.00	0	84.5	42.45	0.52	02/28/2022
Naphthalene	*	5.0		**51.2**	50.00	0	102.4	50.80	0.82	02/28/2022
o-Xylene	*	2.0		**46.9**	50.00	0	93.9	46.98	0.09	02/28/2022
Toluene	*	2.0		**47.2**	50.00	0	94.4	47.46	0.55	02/28/2022
trans-1,2-Dichloroethene	*	2.0		**44.0**	50.00	0	88.0	44.65	1.49	02/28/2022
Xylenes, Total	*	4.0		**142**	150.0	0	94.9	142.2	0.16	02/28/2022
Surr: 1,2-Dichloroethane-d4	*			**49.3**	50.00		98.7			02/28/2022
Surr: 4-Bromofluorobenzene	*			**47.0**	50.00		94.0			02/28/2022
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.6			02/28/2022
Surr: Toluene-d8	*			**50.4**	50.00		100.8			02/28/2022

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1 Qtr 2022

Work Order: 22021022

Report Date: 28-Feb-22

Carrier: Casey Burnstein

Received By: PRY

Completed by: Mary E. Kemp
On: 18-Feb-22

Reviewed by: Elizabeth A. Hurley
On: 18-Feb-22

Pages to follow: Chain of custody 4 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 1 baggie included one vial labeled as Trip Blank 3. Trip Blank 2 baggie included one vial labeled as Trip Blank 1. GW-04R DUP is marked as GW-24 on the lid with container labeling field-corrected to GW-04R DUP; the sample ID was verified by the date/time of collection. Matt Halley was notified via work order summary. - EAH/MEK 2/18/22

Trip Blank collection date and time will be reported as the received date and time (end of trip). - MKemp - 2/18/2022 8:17:05 AM

CHAIN OF CUSTODY

pg. 1 of 4 Work order # 22021022

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: Matt Halley **Phone:** (217) 529-0914
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 2.2 °C LTG# 5
Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes:
Ø HS - Trip Blank 1 includes one TB3 vial. Trip Blank 2 includes one TB1 vial. GW-~~4R~~ Dup marked as GW-24. SAH 2/18/22

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 1 Qtr 2022	Burnstein

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
22021022-001	GW-01	2/16/22; 1405	1	2		X		X	X
002	GW-02	2/16/22; 1630	1	2		X		X	X
003	GW-03	2/16/22; 1810	1	2		X		X	X
004	GW-04R	2/17/22; 0950	1	2		X		X	X
005	GW-05	2/15/22; 1740	1	2		X		X	X
006	GW-07	2/16/22; 1740	1	2		X		X	X
007	GW-14	2/16/22; 1340	1	2		X		X	X
008	GW-15	2/17/22; 0920	1	2		X		X	X
009	GW-16S	2/15/22; 1405	1	2		X		X	X
010	GW-16D	2/15/22; 1345	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
(ERM)	2/17/22; 1140		2/17/22 1140

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: 70413

SAH 2/18/22

CHAIN OF CUSTODY

pg. 2 of 4 Work order # 22021022

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: Matt Halley **Phone:** (217) 529-0914
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 2.2 °C LTG# 5
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 1 Qtr 2022	Burnstein

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
22021022-011	GW-17	2/15/22; 1435	1	2		X		X	X
012	GW-18S	2/16/22; 1225	1	2		X		X	X
013	GW-18D	2/16/22; 1200	1	2		X		X	X
014	GW-19S	2/16/22; 1045	1	2		X		X	X
015	GW-19D	2/16/22; 1030	1	2		X		X	X
016	GW-20	2/16/22; 0850	1	2		X		X	X
017	GW-21	2/16/22; 0810	1	2		X		X	X
018	GW-22S	2/16/22; 1600	1	2		X		X	X
019	GW-22D	2/16/22; 1525	1	2		X		X	X
~~020~~	~~GW-24~~		1	2		~~X~~		~~X~~	~~X~~ CB

Relinquished By	Date/Time	Received By	Date/Time
TE 2/18/22 (ERM)	2/17/22; 1140	[illegible]	2/17/22 1140

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BottleOrder: 70413

CHAIN OF CUSTODY

pg. 3 of 4 Work order # 22021022

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: Matt Halley **Phone:** (217) 529-0914
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 2.2 °C LTG# 5
Preserved in: ☐ LAB ☐ FIELD
FOR LAB USE ONLY
Lab Notes:

Client Comments
MS/MSD1 collected @ GW-22D

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 1 Qtr 2022	Burnstein

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	Aqueous	Groundwater	Trip Blank	PAHs	VOCs	
22021022-020	~~Dup 1~~ GW-19S-DUP	2/16/22; 1045	1	2		X		X	X	
	~~Field Blank 1~~		~~1~~	~~2~~	~~X~~			~~X~~	~~X~~	CB
021	Trip Blank 1			2			X		X	
022	Trip Blank 2			2			X		X	
	~~Trip Blank 3~~			~~2~~			~~X~~		~~X~~	CB
	~~Trip Blank 4~~			~~2~~			~~X~~		~~X~~	CB
023	~~Dup 2~~ GW-4R-DUP	2/17/22; 0950	1	2		X		X	X	
019	MS/MSD 1	2/16/22; 1525	2	4		X		X	X	
	~~MS/MSD 2~~		~~2~~	~~4~~		~~X~~		~~X~~	~~X~~	CB
024	GW-25	2/15/22; 1525	1	2		X		X	X	

Relinquished By	Date/Time	Received By	Date/Time
(ERM)	2/17/22; 1140		2/17/22 1140

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BottleOrder: 70413

CHAIN OF CUSTODY

pg. ~~3~~ 4 of 4 Work order # 22021022

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: Matt Halley **Phone:** (217) 529-0914
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 2.2 °C LTG# 5
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 1 Qtr 2022	Burnstein

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
22021022-025	GW-26	2/15/22; 1610	1	2		X		X	X
026	GW-15-DUP	2/17/22; 0920	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
(ERM)	2/17/22; 1140		2/17/22 1140

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: 70413

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS 2015 – FEBRUARY 2022

Attachment 2
Summary of Analytical Results 2015 - February 2022
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
NA = Not analyzed due to laboratory error.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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
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
NA = Not analyzed due to laboratory error.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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	Result 2/24/2021
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	< 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	< 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	< 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	< 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	< 0.0002
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	< 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	< 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	< 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	< 0.002
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	< 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	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 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	< 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	< 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	< 0.0002
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000891**	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.0007**
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	< 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	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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	< 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
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
NA = Not analyzed due to laboratory error.

Attachment 2
Summary of Analytical Results 2015 - February 2022
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	NA	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	NA	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	NA	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	NA	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	NA	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	NA	**0.000074 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	NA	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	NA	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	NA	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	NA	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	NA	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	NA	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	NA	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	NA	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	NA	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	NA	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	NA	< 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	**0.37 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2
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	**0.37 J**	< 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
NA = Not analyzed due to laboratory error.

Attachment 2
Summary of Analytical Results 2015 - February 2022
Ameren Taylorville, IL MGP Site

GW-02		Remediation	Result	Result	Result	Result	Result	Result	Result	Result	Result
Analyte	Unit	Objective (RO)	3/4/2015	5/12/2015	8/18/2015	11/3/2015	2/17/2016	5/25/2016	8/17/2016	11/15/2016	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
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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 - February 2022
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:
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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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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2022
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	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01	< 0.0004
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
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 - February 2022
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000074 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00364 C**	**0.00206**	**0.0195**	< 0.002 B	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 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	**0.35 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2
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	**0.35 J**	< 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 - February 2022
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 - February 2022
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:
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 - February 2022
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	0.00063	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	0.00095 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
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
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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 - February 2022
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/24/2021	Result (DUP) 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	**0.00078**	**0.000795**	**0.000597**	**0.000938**	**0.000681**	**0.00064**
Acenaphthylene	mg/L	-	**0.00346**	**0.00309**	**0.00245**	**0.00292**	**0.00242**	**0.00245**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	**0.00024 J**	**0.00023 J**	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00316**	< 0.002	**0.0018 J**	< 0.002	**0.0019 BJ**	**0.00277**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	**0.00228**	**0.00235**	**0.00159**	**0.00262**	**0.00178**	**0.00175**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.239**	**0.181**	**0.202 S**	**0.157**	**0.129**	**0.0873**
Phenanthrene	mg/L	-	**0.001080**	**0.000925**	**0.000769**	**0.00127**	**0.000785**	**0.000776**
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**23.6**	**22.8**	**10.4**	**24.2**	**11.2**	**13.3**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**32.4**	**31.6**	**12.5**	**37.9**	**13.2**	**15.9**
m,p-Xylenes	µg/L	-	**25.8**	**25.5**	**6.19**	**16.4**	**3.16**	**3.42**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**421**	**425**	**285 E**	**511**	**224**	**161**
o-Xylene	µg/L	-	**41.7**	**40.7**	**15.7**	**38**	**13.8**	**12.5**
Toluene	µg/L	1000	**5.63**	**5.52**	**1.3 J**	**4.37**	**2** J	**1.1** J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**67.5**	**66.2**	**21.9**	**54.4**	**17**	**15.9**

Notes:
B = Analyte detected in associated method blank
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All analyses performed by Teklab, Inc.
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Attachment 2
Summary of Analytical Results 2015 - February 2022
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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Attachment 2
Summary of Analytical Results 2015 - February 2022
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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Attachment 2
Summary of Analytical Results 2015 - February 2022
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	Result 2/24/2021	Result 5/13/2021	Result (DUP) 5/13/2021
Acenaphthene	mg/L	0.42	0.0148	0.0251	0.0226	0.0133	0.0212	0.0284	0.0148	0.0175	0.026	0.026
Acenaphthylene	mg/L	-	0.00482	0.00739	0.0056 J	0.00336	< 0.000075	0.00407	0.00144	0.00147	0.00229	0.00303
Anthracene	mg/L	2.1	0.000711	0.00173	0.00146	0.000775	< 0.000226	0.000868	0.000536	0.000792	0.000654	0.00109
Benzo(a)anthracene	mg/L	0.00013	0.000131	0.000278	0.000302	0.000102	0.000086	0.000113	0.000142	0.000133	0.000186	0.000261
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.01	0.000061 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000132	< 0.01	0.000315	0.0001	0.000059 J	< 0.0001	0.000139	0.000120	0.000229	0.000376
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.02	0.00017 J	< 0.0002	< 0.00015	< 0.0002	0.00005 J	< 0.00020	< 0.00020	0.00019 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.01	0.000093 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	0.000077 J	0.000124
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	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000322	0.000795	0.000912	0.000284	0.000235	0.000313	0.000401	0.000334	0.000493	0.000747
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.01	0.000062 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	0.002 J	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00278	0.00616	< 0.02	0.00349	0.00315	0.00366	0.00265	0.0029	0.00334	0.0045
Fluorene	mg/L	0.28	0.0434	0.0857	0.0788	0.0464	0.0694	0.0777	0.0399	0.0607	0.0733	0.0735
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	< 0.0002	< 0.0002	0.00018 J
m,p-Cresol	mg/L	-	< 1	< 0.01	< 1	< 1	0.0017 J	0.0081 J	0.00075 J	0.0086 J	0.0164	0.022
o-Cresol	mg/L	0.35	< 1	< 0.01	< 1	< 1	< 0.752	0.0161	< 0.0100	0.0123	0.0209	0.0244
Naphthalene	mg/L	0.14	3.23	2.53	2.99	1.37	1.69	1.89	1.50	1.53	1.82	1.86
Phenanthrene	mg/L	-	< 0.04	0.079	0.0674	0.0422	0.0537	0.0681	0.0383	0.0576	0.0674	0.0647
Pyrene	mg/L	0.21	0.0013	0.00261	0.00308	0.00161	0.00141	0.00176	0.00143	0.00149	0.00143	0.00219
Benzene	µg/L	5.0	618	495	506	535 S	739	450	399	632	341	775
Bromoform	µg/L	1.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Ethylbenzene	µg/L	700	195	190	187	173	246	200	180	155	104	216
m,p-Xylenes	µg/L	-	156	156	157	159	204	192	168	165	80.5	158
Methylene chloride	µg/L	5.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Naphthalene	µg/L	140	4050	3710	3790	3570	5560	4700 E	4130	2790	1510	3150
o-Xylene	µg/L	-	125	124	130	115	154	135	192	140	67	137
Toluene	µg/L	1000	324	244	243	312 S	579	407	125	208	184	409
trans-1,2-Dichloroethene	µg/L	100	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Xylenes, Total	µg/L	10000	281	280	287	274	358	327	359	304	148	295

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 - February 2022
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result - DUP 8/12/2021	Result 11/9/2021	Result 12/17/2022	Result - DUP 12/17/2022
Acenaphthene	mg/L	0.42	**0.022**	**0.0239**	**0.0274**	**0.0316**	**0.0348**
Acenaphthylene	mg/L	-	**0.00618**	**0.00584**	**0.00531**	**0.00244**	**0.0029**
Anthracene	mg/L	2.1	**0.000745**	**0.000691**	**0.00093**	**0.0012**	**0.000864**
Benzo(a)anthracene	mg/L	0.00013	**0.000158**	**0.000173**	**0.000214**	**0.000104**	**0.000085 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000125**	**0.000192**	**0.000226**	< 0.0001	**0.000084 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00007 J**	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000491**	**0.000501**	**0.000754**	**0.0002**	**0.000196**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00379**	**0.00404**	**0.00397**	**0.00375**	**0.00357**
Fluorene	mg/L	0.28	**0.0689**	**0.0776**	**0.07**	**0.0906**	**0.0765**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	**0.007 J**	**0.0083 J**	< 0.01	**0.0023 J**	**0.0018 J**
o-Cresol	mg/L	0.35	**0.0095 J**	**0.0074 J**	< 0.01	**0.0059 J**	**0.0035 J**
Naphthalene	mg/L	0.14	**1.62**	**1.75**	**2.43**	**1.82**	**1.82** J
Phenanthrene	mg/L	-	**0.0562**	**0.0609**	**0.0542**	**0.0801**	**0.075**
Pyrene	mg/L	0.21	**0.00184**	**0.00184**	**0.0019**	**0.00177**	**0.00174**
Benzene	µg/L	5.0	**652**	**658**	**798**	**1150**	**1180**
Bromoform	µg/L	1.0	< 100	< 2	< 200	< 2	< 2
Ethylbenzene	µg/L	700	**235**	**243**	**331**	**476**	**500**
m,p-Xylenes	µg/L	-	**135**	**146**	**166**	**108**	**104**
Methylene chloride	µg/L	5.0	< 100	< 2	< 200	< 2	< 2
Naphthalene	µg/L	140	**3020**	**3020**	**3520**	**2530**	**2620**
o-Xylene	µg/L	-	**108**	**118**	**178**	**241**	**244**
Toluene	µg/L	1000	**256**	**255**	**216**	**90.5**	**94.6**
trans-1,2-Dichloroethene	µg/L	100	< 100	< 2	< 200	< 2	< 2
Xylenes, Total	µg/L	10000	**243**	**265**	**344**	**350**	**347**

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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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 - February 2022
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
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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
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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	Result (DUP) 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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**	**0.00286 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	< 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	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 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	< 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	< 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	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000214**	**0.000404**	**0.00366**	**0.00103**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 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	< 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	< 0.5
Bromoform	µg/L	1.0	< 2	< 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	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.35 J**	< 1	< 1	**0.19 J**	**0.18 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 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	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.23 J**	< 1	< 1	**0.13 J**	**0.11 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.4 J**	< 2	< 2	**0.17 J**	**0.17 J**	< 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	**0.58 J**	< 2	< 2	**0.32 J**	**0.29 J**	< 2	< 2	< 2

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
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment 2
Summary of Analytical Results 2015 - February 2022
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/11/2020	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00845 S**	**0.0087**	**0.00374**	**0.00627**	**0.00213 B**	< 0.0002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01 R	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0100 SR	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.00159 S**	**0.00111**	< 0.0004	**0.00194**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	**0.000838**	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000221**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	**0.18 J**	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.25 J**	**0.22 J**	< 1	< 1	**1.21**	< 1
m,p-Xylenes	µg/L	-	**0.29 J**	**0.2 J**	< 1	< 1	**0.99 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 H	< 2
o-Xylene	µg/L	-	**0.17 JS**	**0.14 J**	< 1	< 1	**0.74 J**	< 1
Toluene	µg/L	1000	< 2	**0.12 J**	< 2	< 2	**0.3 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.46 J**	**0.34 J**	< 2	< 2	**1.7 J**	< 2

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
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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

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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
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H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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:
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
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H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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	Result 2/23/2021
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**	**0.000076 J**
Acenaphthylene	mg/L	-	**0.000253**	**0.000142**	**0.000135**	**0.000186**	**0.000116**	**0.000098**	**0.000105**	**0.000142**	**0.000168**
Anthracene	mg/L	2.1	**0.00186**	**0.00106**	**0.00101**	**0.000964 R**	**0.000877**	**0.00069**	**0.000772**	**0.0012**	**0.00144**
Benzo(a)anthracene	mg/L	0.00013	**0.000225**	**0.000213**	**0.000189**	**0.000221**	**0.000164**	**0.000141**	**0.000168**	**0.000155**	**0.000119**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002
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	< 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	< 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	< 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**	**0.00975**
Chrysene	mg/L	0.0015	**0.000145**	**0.000121**	**0.000145**	**0.000184**	**0.000116**	**0.000101**	**0.00014**	**0.000112**	**0.000082** J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 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**	**0.00131**
Fluorene	mg/L	0.28	**0.000457**	**0.000249**	**0.000255**	**0.000284**	**0.000235**	**0.000165**	**0.000205**	**0.000278**	**0.000295**
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	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**	< 0.000288	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 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**	**0.00197**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.51**	< 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	**0.12 J**	< 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	< 2 B	< 2	< 2	< 2	**6.07**	< 2	**0.64 J**	**1.4 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.1 J**	< 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:
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Attachment 2
Summary of Analytical Results 2015 - February 2022
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	**0.000118**	**0.000079 J**	**0.000136**	**0.000183**
Acenaphthylene	mg/L	-	**0.000117**	**0.000137**	**0.000186**	**0.000251**
Anthracene	mg/L	2.1	**0.00119**	**0.00124**	**0.00146**	**0.00144**
Benzo(a)anthracene	mg/L	0.00013	**0.000161**	**0.000186**	**0.000235**	**0.000185**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00732**	**0.00233**	**0.00403 S**	**0.0029**
Chrysene	mg/L	0.0015	**0.000102**	**0.000122**	**0.00017**	**0.000177**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00136**	**0.00146**	**0.00164**	**0.00147**
Fluorene	mg/L	0.28	**0.000343**	**0.000305**	**0.00039**	**0.000516**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	**0.01**	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.00329**	< 0.0004	< 0.0004	**0.00269**
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00227**	**0.00233**	**0.0026**	**0.0025**
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	**0.32 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.54 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.4 J**	< 2	< 2 H	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.21 J**	< 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	**0.75 J**	< 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
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment 2
Summary of Analytical Results 2015 - February 2022
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	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000155	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 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	< 0.000078	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	**0.00273**
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004	< 0.000465	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002	< 0.000155	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	**0.21** J
Bromoform	µg/L	1.0	< 2	< 2	< 4	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 0.2	< 1	< 1	< 1	**0.33** J
m,p-Xylenes	µg/L	-	< 4	< 4	< 0.6	< 1	< 1	< 1	**0.27** J
Methylene chloride	µg/L	5.0	< 0.2	**0.85** B	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	**37.8**
o-Xylene	µg/L	-	< 2	< 2	< 5	< 1	< 1	< 1	**0.2** J
Toluene	µg/L	1000	< 2	< 2	< 4	< 2	< 2	< 2	**0.32** J
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	**0.47** 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 - February 2022
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	Result 5/12/2021	Result (DUP) 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000216	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	**0.00291**	< 0.002	< 0.002	< 0.00144 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00719	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000216	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000144	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000288	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002
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	**0.21 B**	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	**5.2**	< 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	< 4	< 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 - February 2022
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
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 - February 2022
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	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.000078	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	**0.000106**
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	**0.000043 J**	< 0.0002	< 0.000155	**0.000203**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	**0.000056 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000044 J**	< 0.000078	**0.000056 J**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000465	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000155	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 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	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.25 J**	< 2	**0.18 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 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 - February 2022
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	Result 5/13/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000229	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00011**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.00007** J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00035**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000102**
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00061** J	< 0.00076	< 0.0001	< 0.0002	< 0.000153	**0.00024**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00029**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000167**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00153 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000104**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.0006**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000244**
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	**0.0033**	---	---	< 0.00763	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000229	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000153	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00059**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000235**
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.000305	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000458	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000153	< 0.0002
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	**0.25**	**0.22**	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 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 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 - February 2022
Ameren Taylorville, IL MGP Site

GW-13S		Remediation	Result	Result	Result	Result	Result	Result	Result
Analyte	**Unit**	**Objective (RO)**	**5/14/2015**	**5/26/2016**	**5/18/2017**	**5/9/2018**	**5/6/2019**	**5/13/2020**	**5/12/2021**
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000227	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.00012**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.00036**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	**0.00056** J	< 0.00076	< 0.0001	< 0.0002	< 0.000152	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	**0.0003**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00152 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	**0.00009** J	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	**0.00052**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00758	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000227	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000152	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	**0.00053**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00758	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< ---	---	---	---	< 0.00758	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000303	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000455	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000152	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 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	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 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 - February 2022
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
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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 - February 2022
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
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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 - February 2022
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	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0108**	**0.00417 C**	**0.0336 C**	**0.00766**	**0.00935**	**0.00934**	**0.0139**	**0.02 B**	**0.0016 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.00029	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000435	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 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	< 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	**0.38 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.72 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**2.88**	< 2	**0.38 J**	< 2 B	**1.6 J**	**0.49 J**	< 2	**2.53**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.36 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.19 J**	< 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	**1.1 J**	< 2

Notes:
B = Analyte detected in associated method blank
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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 - February 2022
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
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 - February 2022
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 - February 2022
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	Result 2/23/2021	Result 5/13/2021	Result 8/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.000074	< 0.0001	**0.000081 J**	< 0.0001	0.000063 J	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 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**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	**0.000078 J**	< 0.000074	< 0.0001	**0.000069 J**	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.0001	< 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	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 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	< 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	**1.6 J**	**1.7 J**	< 2	< 2	< 2 B	**1.1 J**	< 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	< 2	< 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
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 - February 2022
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 11/9/2021		Result 2/17/2022	Result - DUP 2/17/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001	**0.000074**	**J**
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	B	< 0.002	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002	< 0.0002	
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	< 0.0004		< 0.0004	< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 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	**0.16**	**J**	< 1	< 1	
m,p-Xylenes	µg/L	-	**0.43**	**J**	< 1	< 1	
Methylene chloride	µg/L	5.0	< 2		< 2	< 2	
Naphthalene	µg/L	140	**1.6**	**J**	< 2	< 2	
o-Xylene	µg/L	-	**0.13**	**J**	< 1	< 1	
Toluene	µg/L	1000	< 2		< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	< 2	
Xylenes, Total	µg/L	10000	**0.56**	**J**	< 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 - February 2022
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 - February 2022
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:
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 - February 2022
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207 C**	**0.00771 C**	**0.00589**	< 0.002	**0.00203**	**0.0068**	**0.0016 J**	**0.0016 J**
Chrysene	mg/L	0.0015	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003	**0.00057**	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000992**	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000303	**0.00164**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006	**0.00255**	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000486**	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.49 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**0.43 J**	< 2	< 2	**1.2 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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	**0.61 J**	< 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 - February 2022
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
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 - February 2022
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 - February 2022
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	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 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	< 0.000074	< 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	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 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	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**	< 0.0001	**0.0016 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.0001	< 0.0001	< 0.0001	< 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**	**0.005**	**0.002 J**	**0.00206**	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.00101**	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.5	< 0.5	**0.15 J**	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 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	**0.16 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.52 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	**0.79 J**	**0.83 J**	< 2	< 2	< 2 B	**0.34 J**	< 2	< 2	**0.92** J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J	< 1
Toluene	µg/L	1000	< 2	< 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	**0.13 J**
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.65 J**	< 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 - February 2022
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
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 - February 2022
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 - February 2022
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000074 J	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002	0.00739	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000078 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.53 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	**0.38 J**	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 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	**0.65 J**	< 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 - February 2022
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 - February 2022
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	Result 5/13/2020
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	< 0.000078
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
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**	< 0.000234
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	< 0.000078
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	< 0.000078
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	< 0.000078
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	< 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	< 0.005	< 0.0001	< 0.000078
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**	**0.00309**
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	< 0.000078
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	< 0.000078
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
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	< 0.000234
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	< 0.000156
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	< 0.000078
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000312
Phenanthrene	mg/L	-	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000469
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**	< 0.000156
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	< 0.5	< 2	< 2	< 2	< 2	< 2	**0.94 J**	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	**0.52 J**	< 2	< 2	< 2	**0.52 J**	< 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
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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 - February 2022
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result - DUP 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00244 C**	**0.00299**	**0.00249**	**0.00329**	< 0.002	**0.00305**	< 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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.11 J**	**0.13 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.39 J**	**0.45 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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	**0.39 J**	**0.56 J**	< 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 - February 2022
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
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 - February 2022
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.
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 - February 2022
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	Result 2/23/2021	Result (DUP) 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 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	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.01	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.1	**0.00559**	< 0.00155 C	< 0.002 C	**0.00331**	< 0.002	**0.0019** J	**0.00269**	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.00185**	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 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	**0.13** J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.41** J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.45** J	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.32** J	**0.21** J	< 2	**0.13** J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.54** J	< 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 - February 2022
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
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 - February 2022
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 - February 2022
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	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	**0.000054 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000071 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000058 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 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	< 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	**0.15 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.5 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.39 J**	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**
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	**0.61 J**

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 - February 2022
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result- DUP 2/16/2022
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	< 0.0002	< 0.0002
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	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002
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	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004
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
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 - February 2022
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
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.
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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 - February 2022
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	Result 2/19/2020
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	< 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	< 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	< 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	< 0.00076	< 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	< 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**	< 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	---	---	---	---	---	---	< 0.01	< 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	< 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	< 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	< 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	-	< 0.0064	< 0.0064	< 0.0004	< 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	< 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	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.37 J**	< 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	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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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 - February 2022
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result - DUP 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result - DUP 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021
Acenaphthene	mg/L	0.42	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00142 C	< 0.00146 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000284	< 0.000292	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000426	< 0.000438	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 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	< 0.5	< 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	< 1
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	< 2	**0.32 J**	< 2 B	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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
C = RL shown is a client requested quantitation limit
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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 - February 2022
Ameren Taylorville, IL MGP Site

GW-19D		**Remediation**	**Result**			**Result**	
Analyte	**Unit**	**Objective (RO)**	**11/10/2021**			**2/16/2022**	
Acenaphthene	mg/L	0.42	<	0.0001		<	0.0001
Acenaphthylene	mg/L	-	<	0.0001		<	0.0001
Anthracene	mg/L	2.1	<	0.0003	B	<	0.0003
Benzo(a)anthracene	mg/L	0.00013	<	0.0001		<	0.0001
Benzo(a)pyrene	mg/L	0.0002	<	0.0002		<	0.0002
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	<	0.002		<	0.002
Chrysene	mg/L	0.0015	<	0.0001		<	0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002		<	0.0002
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	<	0.0002		<	0.0002
m,p-Cresol	mg/L	-	<	0.01		<	0.01
o-Cresol	mg/L	0.35	<	0.01		<	0.01
Naphthalene	mg/L	0.14	<	0.0004		<	0.0004
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		**0.13**	**J**	<	1
m,p-Xylenes	µg/L	-		**0.5**	**J**	<	1
Methylene chloride	µg/L	5.0	<	2		<	2
Naphthalene	µg/L	140	<	2		<	2
o-Xylene	µg/L	-		**0.12**	**J**	<	1
Toluene	µg/L	1000	<	2		<	2
trans-1,2-Dichloroethene	µg/L	100	<	2		<	2
Xylenes, Total	µg/L	10000		**0.62**	**J**	<	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
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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 - February 2022
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
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Summary of Analytical Results 2015 - February 2022
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 - February 2022
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	Result 2/23/2021	Result 5/11/2021	Result (DUP) 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000111**	< 0.0001	**0.000106**	**0.000139**	**0.000155**	**0.000075** J	**0.000330**	**0.000509**	**0.000498**	**0.000229**	**0.00062**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000087** J	< 0.0001	**0.000129**	**0.000195**	**0.000141**	< 0.000100	**0.000388**	**0.000671**	**0.000565**	**0.000316**	**0.000693**
Benzo(a)pyrene	mg/L	0.0002	**0.000249**	**0.000107**	**0.000337**	**0.000648**	**0.000505**	**0.000238**	**0.001350**	**0.002230**	**0.00193**	**0.000893**	**0.00224**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000214**	**0.000138**	**0.000283**	**0.000586**	**0.000342**	**0.000174**	**0.001070**	**0.001840**	**0.00173**	**0.000825**	**0.00198**
Benzo(g,h,i)perylene	mg/L	-	**0.000279**	**0.00017** J	**0.000366**	**0.000805**	**0.000547**	**0.000243**	**0.001290**	**0.001970**	**0.00203**	**0.000894**	**0.00219**
Benzo(k)fluoranthene	mg/L	0.00017	**0.000055** J	< 0.0001	**0.000099**	**0.000147**	**0.000085** J	< 0.000100	**0.000302**	**0.000497**	**0.000521**	**0.00017**	**0.000629**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000109**	< 0.0001	**0.00013**	**0.000245**	**0.000183**	**0.000073** J	**0.000548**	**0.000921**	**0.000754**	**0.000398**	**0.000937**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	**0.000138**	**0.00008** J	< 0.0002	**0.00018** J	**0.000294**	**0.000376**	**0.00012** J	**0.000408**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000231	< 0.0003	< 0.0003	< 0.0003	**0.000342**	**0.000652**	**0.000616**	**0.000316**	**0.00069**
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000197**	**0.000148**	**0.000251**	**0.000537**	**0.000319**	< 0.000200	**0.000892**	**0.001470**	**0.0014**	**0.000611**	**0.00161**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00016** J	< 0.0002	**0.000239**	**0.000248**	**0.000328**	< 0.000200	**0.000845**	**0.001510**	**0.00127**	**0.000613**	**0.00156**
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	**0.12** J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.47** J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.47** J	< 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
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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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

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Summary of Analytical Results 2015 - February 2022
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
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 - February 2022
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 - February 2022
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	Result 2/24/2021	Result 5/12/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 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	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000072 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	< 0.000071	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	**0.00012 J**	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000069 J**	< 0.000071	**0.000123**	**0.000074 J**	< 0.000100	< 0.000100	**0.000132**	< 0.0001	**0.000076 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000143	**0.0001 J**	**0.000054 J**	< 0.000200	< 0.000200	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000052 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.00271 C**	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	**0.00212**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000071 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000067 J**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000286	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000429	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00018 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	< 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	**0.12 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.47 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.1 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.43 J**	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.57 J**	< 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 - February 2022
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	Result 8/17/2017
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	< 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	< 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	< 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	< 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	< 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	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00158	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
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	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00417	< 0.002	**0.0013 J**	< 0.002	< 0.002	---	---	---	---	**0.0015 J**	**0.00399**
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	< 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	< 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	< 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	**0.0001**
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	< 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	< 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	< 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	< 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	**0.29**	< 0.2	< 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	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27 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 - February 2022
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	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	Result 11/13/2019
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	< 0.0001	< 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	< 0.006	**0.0017 J**	**0.00445**	**0.00264**	**0.00477**	< 0.002	< 0.002	**0.00455**	< 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	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002	**0.00015 J**	< 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	< 0.0001	< 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	---	---	---	---	---	---	---	**0.000203**	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	**0.000134**	< 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	**0.000035**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 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	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.5 J**	< 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	< 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
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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 - February 2022
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/14/2020	Result - DUP 5/14/2020	Result 8/13/2020	Result 11/9/2020	Result 2/22/2021	Result 5/12/2021	Result 8/11/2021	Result - DUP 8/11/2021	Result 11/9/2021	Result - DUP 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000068 J**
Anthracene	mg/L	2.1	**0.000637**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000088 J**	< 0.000077	< 0.000077	< 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	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000061 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000077	< 0.000077	< 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	**0.00191 C**	< 0.00154 C	**0.00279 C**	**0.00517**	**0.0017** J	**0.00472**	**0.00983**	**0.00753**	< 0.002 B	**0.0016 BJ**	< 0.002
Chrysene	mg/L	0.0015	**0.000084 J**	< 0.000077	< 0.000077	< 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	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000524**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000093 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000308	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	**0.000695**	< 0.000462	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.000449**	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 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	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.14 J**	< 1	< 1	< 1	**0.11 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.2 J**	< 1	< 1	**0.39 J**	**0.47 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.13 J**	< 1	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 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	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.33 J**	< 2	< 2	**0.39 J**	**0.58 J**	< 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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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 - February 2022
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
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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.
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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 - February 2022
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
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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.
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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 - February 2022
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	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00161 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00806	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000323	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	**0.000955**	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000484	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	**0.52**	**1.2**	**0.45 J**	**0.21 J**	< 0.5 S
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	**0.12 J**	< 1 S
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.43 J**	< 1 S
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1 S
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 S
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	**0.54 J**	< 2 S

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 - February 2022
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	Result 2/23/2021	Result 5/12/2021	Result 8/11/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000075	< 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	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 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	< 0.0001	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000075	< 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	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.0001	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 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	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 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	< 0.0003	< 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	< 0.0002	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	**0.00069 J**	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 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	< 0.0002	< 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	< 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	**0.11 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.48 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.45 J**	< 2	< 2	< 2	< 2	< 2 B	**3.29**	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.1 J**	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.58 J**	< 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 - February 2022
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	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000072 J**	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000081 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000215**	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	**0.000082 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.00429**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 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	< 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	**0.15 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.52 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	**0.52 J**	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 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	**0.64 J**	< 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 - February 2022
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	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000234	< 0.0003
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	< 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	< 0.000078	< 0.0002
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	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00016** J	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000156	< 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	< 0.000078	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00156 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.00013**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00781	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000234	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000156	< 0.0002
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	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.000312	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000469	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000156	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 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	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 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	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 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	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 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 - February 2022
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	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000214	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000143	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.0019 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00714	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000214	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000143	< 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	< 0.000071	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.000286	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00018 J**	< 0.0064	< 0.0004	< 0.0004	< 0.000429	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000143	< 0.0002
Benzene	µg/L	5.0	< 2	< 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	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 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	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.41 J**	< 4	< 4	< 4	< 4	< 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 - February 2022
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	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001 SR	< 0.0001	< 0.000074	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000221	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000147	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	**0.0053**	< 0.00147 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00735	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000221	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000147	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00735	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00735	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000294	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000441	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000147	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 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	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 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 - February 2022
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	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.000219	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	**0.0001 J**	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	**0.002 J**	< 0.00146 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
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	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	---	---	---	< 0.0073	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.000219	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.000146	< 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	< 0.000073	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.000438	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002
Benzene	µg/L	5.0	< 2	< 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	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 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	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 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
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2022
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	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294	< 0.00024	< 0.000214	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
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	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	< 0.008	< 0.00714	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588	< 0.00024	< 0.000214	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294	< 0.00016	< 0.000143	< 0.0002
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	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118	< 0.00048	< 0.000429	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 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	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.2** B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 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	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1 B	< 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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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2022
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	Field Blank 1 Result 2/24/2021	Trip Blank 1 Result 8/12/2021	Trip Blank 2 Result 8/12/2021	Trip Blank 1 Result 11/10/2021	Trip Blank 2 Result 11/10/2021	Field Blank 1 Result 11/9/2021	Trip Blank 1 Result 2/17/2022	Trip Blank 2 Result 2/17/2022
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	NA	NA	NA	NA	**0.002 BJ**	NA	NA
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01	NA	NA
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003	NA	NA
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	**0.000078 J**	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01	NA	NA
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA	NA	NA	< 0.0004	NA	NA
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01	NA	NA
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA	NA	NA	< 0.0006	NA	NA
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA
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	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.21 J**	**0.2 J**	**0.12 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	0.29 J	< 1	< 1	**0.21 J**	**0.85 J**	**0.93 J**	**0.37 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	**0.67 J**	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**	**0.19 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.11 J**	**0.11 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2	**1 J**	**1.1 J**	**0.37 J**	< 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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