April 12, 2023

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, 2023 report for the Taylorville Manufactured Gas Plant (MGP) 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 – 2023 Events

- First quarter 2023 groundwater samples collected in February 2022 (results attached).
- First quarter 2023 pump and treat system samples (results attached).

Second Quarter – 2023 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 1,343,491,711 gallons of groundwater through the system since startup until the end of March 2023. 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 2023 Quarter 1 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
January 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jan-23					
1	316,144,200	50,600	West	56	52
2	316,194,800	50,500	West	56	52
3	316,245,300	48,300	West	56	52
4	316,293,600	44,900	West	56	52
5	316,338,500	66,800	West	52	48
6	316,405,300	47,900	West	56	52
7	316,453,200	50,100	West	56	52
8	316,503,300	75,600	West	56	52
9	316,578,900	138,400	West	56	52
10	316,717,300	91,800	West	56	52
11	316,809,100	67,500	West	56	52
12	316,876,600	63,700	West	56	50
13	316,940,300	57,200	West	56	52
14	316,997,500	70,500	West	56	52
15	317,068,000	77,800	West	56	50
16	317,145,800	77,700	West	56	50
17	317,223,500	62,700	West	56	52
18	317,286,200	58,900	West	56	52
19	317,345,100	86,100	West	56	52
20	317,431,200	68,900	West	56	52
21	317,500,100	94,600	West	56	52
22	317,594,700	74,900	West	56	52
23	317,669,600	68,700	West	56	52
24	317,738,300	59,300	West	56	52
25	317,797,600	35,400	West	56	52
26	317,833,000	61,500	West	56	52
27	317,894,500	70,800	West	56	52
28	317,965,300	43,900	West	56	52
29	318,009,200	60,700	West	56	52
30	318,069,900	44,000	West	56	52
31	318,113,900	50,600	West	56	50
Feb-23	318,164,500				

NM = Not measured

Flow Data	Gallons
For Month	2,020,300
To Pond	0
Below Pond	1,702,600
Average	65,171
Maximum	138,400
Minimum	35,400
Total Through Dec	1,337,344,092
Total Through Jan	1,339,364,392

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	1/13/2023	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	1/8/2023	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	1/5/2023	1/5/2023
	Inoperable	1/12/2023	1/12/2023
	Inoperable	1/19/2023	1/19/2023
	Inoperable	1/26/2023	1/26/2023
Drum Disposal	1/30/2023		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
January 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/4/2023		1/11/2023		1/18/2023		1/25/2023		Average	Maximum	
Lab pH		-	-	-	7.19		6.93		6.96		6.92		7.00	7.19	
Iron, Dissolved	mg/L	-	-	-	0.197		1.270		1.180		0.797		0.861	1.270	
Iron, Total	mg/L	-	-	-	3.03		2.26		2.12		2.27		2.42	3.03	
Acenaphthene	mg/L	-	-	0.42	0.0195		0.0154		0.0136		0.0166		0.0163	0.0195	
Acenaphthylene	mg/L	-	-	-	0.00785		0.00827		0.00490		0.00549		0.00663	0.00827	
Anthracene	mg/L	-	-	2.1	0.00285		0.00303		0.00265		0.00297		0.00288	0.00303	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000195		**0.000246**		**0.000134**		**0.000193**	B	**0.000192**	**0.000246**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		0.00013	J	ND		ND		0.00013	0.00013	J
Benzo(b)fluoranthene	mg/L	-	-	-	ND		0.000102		ND		ND	B	0.000102	0.000102	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Chrysene	mg/L	-	-	-	0.000157		0.000224		0.000112		0.000186	B	0.000170	0.000224	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00235		0.00255		0.00193		0.00243		0.00232	0.00255	
Fluorene	mg/L	-	-	-	0.01070		0.0077		0.00862		0.00744		0.00862	0.01070	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00170	J	ND		0.00099	J	0.00210	J	0.00160	0.00210	
o-Cresol	mg/L	-	-	0.35	0.0071	J	0.0015	J	0.0034	J	0.0163		0.0071	0.0163	
Phenanthrene	mg/L	-	-	-	0.0179		0.0164		0.0146		0.0151		0.0160	0.0179	
Pyrene	mg/L	-	-	-	0.00275		0.00289		0.00235		0.00268		0.00267	0.00289	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0643		0.0569		0.0489		0.0531		0.0558	0.0643	
Benzene	µg/L	-	-	5	**386**		**260**		**222**		**207**		**269**	**386**	
Ethylbenzene	µg/L	-	-	700	90.9		67.2		54.6		52.5		66.3	90.9	
m,p-Xylenes	µg/L	-	-	-	69.8		53.2		46.9		44.4		53.6	69.8	
Naphthalene	µg/L	-	-	25	**462**		**291**		**310**		**307**		**343**	**462**	
o-Xylene	µg/L	-	-	-	37.5		24.0		23.5		22.9		27.0	37.5	
Toluene	µg/L	-	-	1000	234		144		128		124		158	234.0	
Xylenes, Total	µg/L	-	-	10000	107		77.2		70.4		67.3		80.5	107.0	

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 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/4/2023		1/11/2023		1/18/2023		1/25/2023		Average	Maximum	
Lab pH		-	-	-	7.11		6.90		6.94		6.97		6.98	7.11	
Iron, Dissolved	mg/L	-	-	-	ND		0.032	J	ND		ND		0.032	0.032	J
Iron, Total	mg/L	-	-	-	0.0802		0.0407		0.0648		0.0370	J	0.0557	0.0802	
Acenaphthene	mg/L	-	-	-	0.00182		0.000272		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	0.000580		0.000098	J	ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	0.000672		ND		ND		ND		0.000672	0.000672	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	0.000781		ND		ND		ND		0.000781	0.000781	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	0.00386		ND		ND		ND		0.00386	0.00386	
Benzene	µg/L	-	-	-	158		131		ND		0.6		96.5	158	
Ethylbenzene	µg/L	-	-	-	0.3	J	ND		ND		ND		0.3	0.3	J
m,p-Xylenes	µg/L	-	-	-	5.9		1.6	J	ND		ND		3.8	5.9	
Naphthalene	µg/L	-	-	-	49.0		8.6		0.3	J	0.3	J	14.6	49.0	
o-Xylene	µg/L	-	-	-	9.4		3.9		ND		ND		6.7	9.4	
Toluene	µg/L	-	-	-	1.5	J	1.1	J	ND		ND		1.3	1.5	J
Xylenes, Total	µg/L	-	-	-	15.3		5.5		ND		ND		10.4	15.3	

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 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/4/2023	1/11/2023	1/18/2023	1/25/2023	Average	Maximum
Lab pH		-	-	-	7.05	6.88	6.96	6.93	6.96	7.05
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	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND B	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND B	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND B	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND B	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND B	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND B	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND B	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.01	-	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	50	-	ND	ND	0.1 J	ND	0.1	0.1 J
Ethylbenzene	µg/L	17	216	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	1.3	0.3 J	ND	ND	0.8	1.3
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled, 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 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	1/4/2023	1/11/2023	1/18/2023	1/25/2023	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	0.1 J	0.1	0.1 J
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	0.1 J	0.1	0.1 J
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, 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 2023

DATE	TOTALIZER READING		FLOW	EXTRACTION WELL	Water Level East	Water Level West
Feb-23						
1	318,164,500		34,500	West	56	52
2	318,199,000		-	West	56	52
3	1,592,204	WSF	44,102	West	56	52
4	1,636,306	WSF	46,229	West	56	52
5	1,682,535	WSF	55,890	West	56	52
6	1,738,425	WSF	101,059	West	56	52
7	1,839,484	WSF	107,285	West	56	52
8	1,946,769	WSF	69,316	West	56	44
9	2,016,085	WSF	-	West	56	50
10	318,775,000		85,800	West	56	46
11	318,860,800		74,400	West	56	48
12	318,935,200		114,100	West	56	48
13	319,049,300		89,100	West	56	48
14	319,138,400		93,000	West	56	48
15	319,231,400		50,500	West	56	48
16	319,281,900		92,500	West	56	48
17	319,374,400		92,500	West	56	50
18	319,466,900		101,800	West	56	48
19	319,568,700		-	West	56	48
20	2,992,412	WSF	111,734	West	56	50
21	3,104,146	WSF	80,235	West	56	50
22	3,184,381	WSF	45,221	West	56	50
23	3,229,602	WSF	78,792	West	56	50
24	3,308,394	WSF	93,892	West	56	50
25	3,402,286	WSF	80,951	West	56	50
26	3,483,237	WSF	83,545	West	56	50
27	3,566,782	WSF	77,285	West	56	50
28	3,644,067	WSF	69,193	West	56	52
Mar-23	3,713,260	WSF				

WSF =Primary flow totalizer writing system failure.
NM = Not measured

Flow Data	Gallons
For Month	1,972,929
To Pond	0
Below Pond	1,972,929
Average	78,917
Maximum	114,100
Minimum	34,500
Total Through Jan	1,339,364,392
Total Through Feb	1,341,337,321

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	2/6/2023	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	2/2/23	2/2/23
	Inoperable	2/9/23	2/9/23
	Inoperable	2/16/23	2/16/23
	Inoperable	2/23/23	2/23/23
Drum Disposal	None		

Note: WSF = Primary flow totalizer writing system failure. Measurement collected from in-line effluent flow meter.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
February 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/1/2023		2/8/2023		2/15/2023		2/22/2023		Average	Maximum	
Lab pH		-	-	-	6.94		6.93		6.97		7.04		6.97	7.04	
Iron, Dissolved	mg/L	-	-	-	0.718		1.23		1.61		1.17		1.18	1.61	
Iron, Total	mg/L	-	-	-	1.89		2.05		2.67		2.23		2.21	2.67	
Acenaphthene	mg/L	-	-	0.42	0.01650		0.01940		0.01020		0.01280		0.01473	0.01940	
Acenaphthylene	mg/L	-	-	-	0.00738		0.01110		0.00467		0.00540		0.00714	0.01110	
Anthracene	mg/L	-	-	2.1	0.00295		0.00376		0.00226		0.00261		0.00290	0.00376	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000177**		**0.000189**		**0.000142**		0.000104		**0.000153**	**0.000189**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000147		0.000160		0.000112		0.000086	J	0.000126	0.000160	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00223		0.00285		0.00176		0.0019		0.00219	0.00285	
Fluorene	mg/L	-	-	-	0.00850		0.00934		0.00469		0.00674		0.00732	0.00934	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00067	J	0.00100	J	0.00076	J	0.00120	J	0.00091	0.00120	
o-Cresol	mg/L	-	-	0.35	0.0023	J	0.0065	J	0.0032	J	0.0080	J	0.0050	0.0080	J
Phenanthrene	mg/L	-	-	-	0.01780		0.02040		0.01160		0.01350		0.01583	0.02040	
Pyrene	mg/L	-	-	-	0.00264		0.00358		0.00227		0.00234		0.00271	0.00358	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0583		0.0707		0.0400		0.0454		0.0536	0.0707	
Benzene	µg/L	-	-	5	**196**		**254**		**252**		**222**		**231**	**254**	
Ethylbenzene	µg/L	-	-	700	43.2		57.7		62.8		52.9		54.2	62.8	
m,p-Xylenes	µg/L	-	-	-	42.4		53.3		52.7		45.3		48.4	53.3	
Naphthalene	µg/L	-	-	25	**316**	**B**	**362**		**381**		**309**		**342**	**381**	
o-Xylene	µg/L	-	-	-	21.8		26.7		26.4		22.2		24.3	26.7	
Toluene	µg/L	-	-	1000	116		168		149		126		140	168	
Xylenes, Total	µg/L	-	-	10000	64.2		80.0		79.1		67.5		72.7	80.0	

ND=Not detected above the project acceptable detection limit
J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standard
B = Analyte present in method blank

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
February 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/1/2023		2/8/2023		2/15/2023		2/22/2023		Average		Maximum	
Lab pH		-	-	-	7.09		6.90		6.90		6.97		6.97		7.09	
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		0.0290	J	0.0290		0.0290	J
Iron, Total	mg/L	-	-	-	ND		0.0270	J	ND		0.0457		0.0364		0.0457	
Acenaphthene	mg/L	-	-	-	ND		ND		0.000072	J	ND		0.000072		0.000072	J
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	-	-	1.3		9.0		6.3		5.8		5.6		9.0	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	-	-	0.5	BJ	0.8		0.8		0.8		0.7		0.8	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Toluene	µg/L	-	-	-	ND		ND		ND		0.2	J	0.2		0.2	J
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	

ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
February 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/1/2023		2/8/2023		2/15/2023	2/22/2023		Average	Maximum	
Lab pH		-	-	-	7.19		6.93		6.99	6.95		7.02	7.19	
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		ND		ND	ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND	ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND	ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND	ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND	ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND	ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND	ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Benzene	µg/L	-	50	-	ND		0.2	J	ND	ND		0.2	0.2	J
Ethylbenzene	µg/L	17	216	-	ND		ND		ND	ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND	B	ND		ND	ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND	ND		ND	ND	
Toluene	µg/L	70	750	-	ND		ND		ND	0.1	J	0.1	0.1	J
Xylenes, Total	µg/L	117	750	-	ND		ND		ND	ND		ND	ND	

ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
February 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	2/1/2023		2/8/2023	2/15/2023	2/22/2023		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	B	ND	ND	ND		ND	ND
o-Xylene	µg/L	-	-	-	ND		ND	ND	ND		ND	ND
Toluene	µg/L	-	-	-	ND		ND	ND	0.1	J	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 2023

DATE	TOTALIZER READING		FLOW	EXTRACTION WELL	Water Level East	Water Level West
Mar-23						
1	3,713,260	WSF	57,789	West	56	52
2	3,771,049	WSF	68,437	West	56	52
3	3,839,486	WSF	56,294	West	54	52
4	3,895,780	WSF	72,350	West	54	50
5	3,968,130	WSF	80,421	West	54	50
6	4,048,551	WSF	65,617	West	54	52
7	4,114,168	WSF	56,759	West	56	54
8	4,170,927	WSF	36,623	West	56	54
9	4,207,550	WSF	-	West	56	54
10	320,883,500		81,800	West	56	52
11	320,965,300		54,700	West	56	52
12	321,020,000		54,200	West	56	52
13	321,074,200		74,500	West	56	54
14	321,148,700		52,900	West	56	54
15	321,201,600		29,700	West	56	54
16	321,231,300		70,900	West	56	54
17	321,302,200		71,900	West	56	52
18	321,374,100		63,800	West	56	52
19	321,437,900		65,000	West	56	52
20	321,502,900		50,000	West	56	52
21	321,552,900		42,900	West	56	52
22	321,595,800		120,300	West	56	52
23	321,716,100		84,200	West	56	52
24	321,800,300		111,400	West	56	52
25	321,911,700		99,500	West	56	52
26	322,011,200		105,800	West	56	52
27	322,117,000		95,200	West	56	54
28	322,212,200		80,200	West	56	52
29	322,292,400		80,800	West	54	52
30	322,373,200		81,500	West	56	52
31	322,454,700		88,900	West	56	52
Apr-23	322,543,600				56	52

NM = Not measured

Flow Data	**Gallons**
For Month	2,154,390
To Pond	0
Below Pond	2,154,390
Average	71,813
Maximum	120,300
Minimum	29,700
Total Through Feb	1,341,337,321
Total Through March	1,343,491,711

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None		
Back Washed Vessels	None	3/21/23	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	3/2/23	3/2/23
	Inoperable	3/9/23	3/9/23
	Inoperable	3/16/23	3/16/23
	Inoperable	3/23/23	3/23/23
	Inoperable	3/30/23	3/30/23
Drum Disposal	None		

Note: WSF = Primary flow totalizer writing system failure. Measurement collected from in-line effluent flow meter.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
March 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/1/2023		3/8/2023		3/15/2023		3/22/2023		3/29/2023		Average	Maximum	
Lab pH		-	-	-	6.92		6.91		7.05	H	6.93	H	6.94	H	6.95	7.05	H
Iron, Dissolved	mg/L	-	-	-	0.871		1.120		0.249		1.250		0.199		0.738	1.250	
Iron, Total	mg/L	-	-	-	2.23		2.19		2.31		2.38		2.04		2.23	2.38	
Acenaphthene	mg/L	-	-	0.42	0.01100		0.01840		0.01680		0.01360		0.01510		0.01498	0.01840	
Acenaphthylene	mg/L	-	-	-	0.00296		0.00840		0.00582		0.00791		0.00779		0.00658	0.00840	
Anthracene	mg/L	-	-	2.1	0.00223		0.00355		0.00312		0.00327		0.00316		0.00307	0.00355	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000134**		**0.000204**		**0.000163**		**0.000641**		**0.000261**		**0.000281**	**0.000641**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		0.000476		0.00011	J	0.000293	0.000476	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		0.000331		0.000091	J	0.000211	0.000331	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		0.00018	J	ND		0.00018	0.00018	J
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		0.000125		ND		0.000125	0.000125	
Chrysene	mg/L	-	-	-	0.000116		0.000172		0.000129		0.000473		0.000217		0.000221	0.000473	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00193		0.00286		0.00241		0.0032		0.00258		0.00260	0.00320	
Fluorene	mg/L	-	-	-	0.00512		0.00765		0.00971		0.00817		0.00808		0.00775	0.00971	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00074	J	0.00070	J	0.00110	J	0.00070	J	ND		0.00081	0.00110	J
o-Cresol	mg/L	-	-	0.35	0.0066	J	0.0025	J	0.0081	J	0.0056	J	0.0018	J	0.0049	0.0081	J
Phenanthrene	mg/L	-	-	-	0.01290		0.01910		0.01730		0.01780		0.01720		0.01686	0.01910	
Pyrene	mg/L	-	-	-	0.00233		0.00239		0.00303		0.00423		0.00358		0.00311	0.00423	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0387		0.0627		0.0585		0.0604		0.0582		0.0557	0.0627	
Benzene	µg/L	-	-	5	**288**		**200**		**233**		**202**		**224**		**229**	**288**	
Ethylbenzene	µg/L	-	-	700	57.1		51.9		51.4		41.5		53.2		51.0	57.1	
m,p-Xylenes	µg/L	-	-	-	48.3		43.3		45.9		38.0		44.2		43.9	48.3	
Naphthalene	µg/L	-	-	25	**334**		**347**		**308**		**299**		**325**		**323**	**347**	
o-Xylene	µg/L	-	-	-	25.1		22.0		23.3		19.0	J	22.9		22.5	25.1	
Toluene	µg/L	-	-	1000	139		125		132		126		133		131	139	
Xylenes, Total	µg/L	-	-	10000	73.4		65.3		69.2		57.0		67.1		66.4	73.4	

ND=Not detected above the project acceptable detection limit
J=Analyte detected below reporting limits
BOLD text indicates exceedance of the groundwater quality standard
H = Holding times exceeded

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
March 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/1/2023		3/8/2023		3/15/2023		3/22/2023		3/29/2023		Average	Maximum	
Lab pH		-	-	-	6.92		6.87		6.92	H	6.93	H	6.94	H	6.92	6.94	H
Iron, Dissolved	mg/L	-	-	-	ND		0.0280	J	0.0779		0.0280	J	0.0230	J	0.0392	0.0779	
Iron, Total	mg/L	-	-	-	0.0370	J	0.0290	J	0.0829		0.0745		0.2360		0.0919	0.2360	
Acenaphthene	mg/L	-	-	-	ND		ND		0.000071	J	0.000369		ND		0.00022	0.000071	J
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		0.000358		ND		0.000358	0.000358	
Anthracene	mg/L	-	-	-	ND		ND		ND		0.000776		ND		0.000776	0.000776	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		0.000695		ND		0.000695	0.000695	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		0.000691		ND		0.000691	0.000691	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		0.000451		ND		0.000451	0.000451	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		0.00025		ND		0.00025	0.00025	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		0.000175		ND		0.000175	0.000175	
Chrysene	mg/L	-	-	-	ND		ND		ND		0.000547		ND		0.000547	0.000547	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		0.00129		ND		0.00129	0.00129	
Fluorene	mg/L	-	-	-	ND		ND		ND		0.000534		ND		0.000534	0.000534	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		0.00019	J	ND		0.00019	0.00019	J
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		0.00307		ND		0.00307	0.00307	
Pyrene	mg/L	-	-	-	ND		ND		ND		0.00194		ND		0.00194	0.00194	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		0.0113		ND		0.0113	0.0113	
Benzene	µg/L	-	-	-	14.5		18.7		37.7		15.4		13.6		20.0	37.7	
Ethylbenzene	µg/L	-	-	-	ND		0.1	J	ND		ND		ND		0.1	0.1	J
m,p-Xylenes	µg/L	-	-	-	ND		0.2	J	0.8	J	ND		ND		0.5	0.8	J
Naphthalene	µg/L	-	-	-	0.5	J	0.5	J	1.0		0.9		0.5	J	0.7	1.0	
o-Xylene	µg/L	-	-	-	ND		0.1	J	0.5	J	0.1	J	ND		0.2	0.5	J
Toluene	µg/L	-	-	-	ND		0.2	J	ND		ND		ND		0.2	0.2	J
Xylenes, Total	µg/L	-	-	-	ND		0.3	J	1.4		ND		ND		0.9	1.4	

ND=Not detected above the project acceptable detection limit
J=Analyte detected below reporting limits
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
March 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/1/2023		3/8/2023		3/15/2023		3/22/2023		3/29/2023		Average	Maximum	
Lab pH		-	-	-	6.94		6.93		6.94	H	6.97	H	6.93	H	6.94	6.97	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	ND	
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	-	0.2	J	0.5	J	1.0		0.1	J	0.2	J	0.3	1.0	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND		0.2	J	ND		ND		ND		0.2	0.2	J
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND	ND	

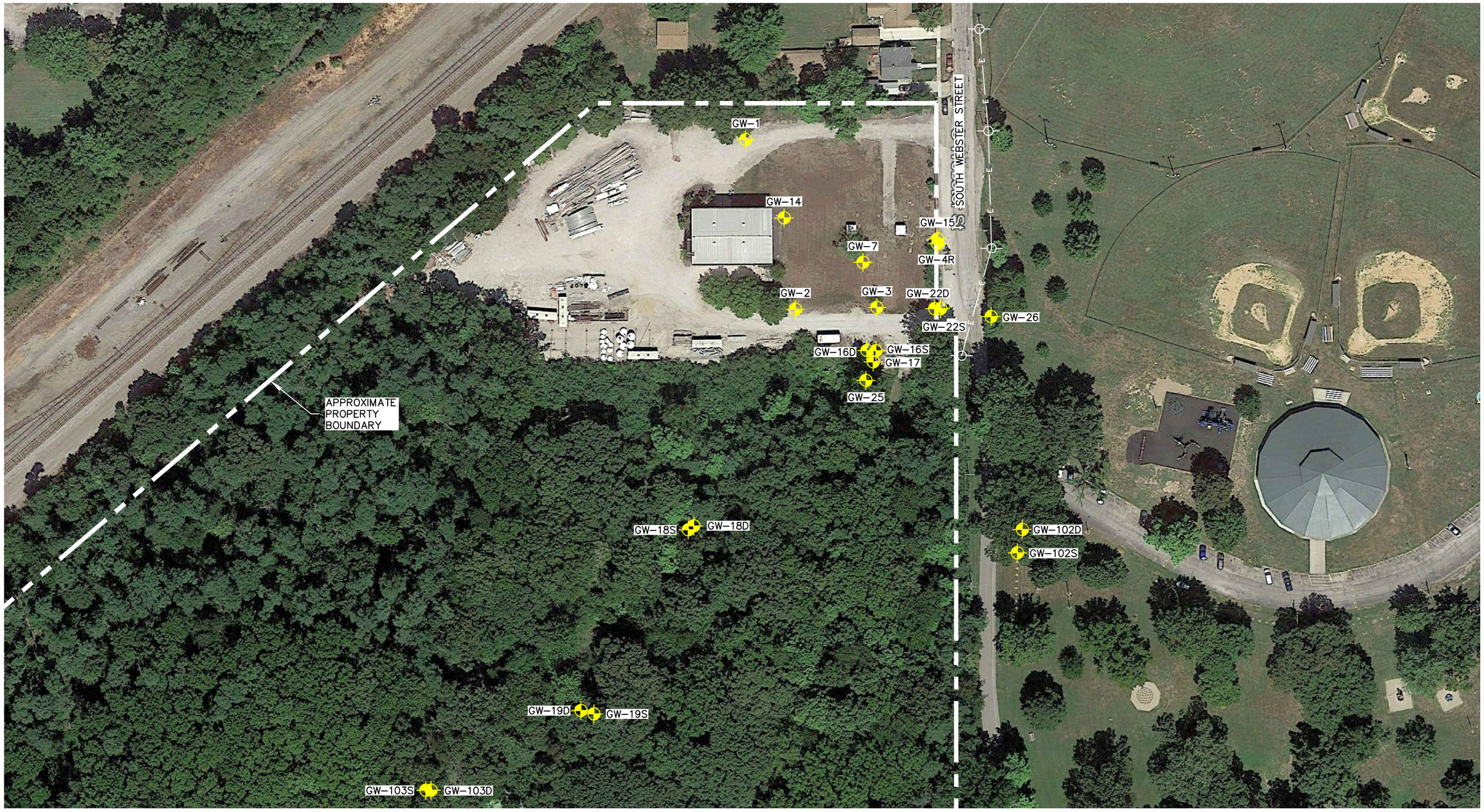
ND=Not detected above the project acceptable detection limit
J=Analyte detected below reporting limits
H = Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
March 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	3/1/2023	3/9/2022		3/8/2023	3/22/2023	3/30/2023	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	ND		ND	ND	ND	ND	ND	
Toluene	µg/L	-	-	-	ND	0.2	J	ND	ND	ND	0.2	0.2	J
Xylenes, Total	µg/L	-	-	-	ND	ND		ND	ND	ND	ND	ND	

ND=Not detected above the project acceptable detection limit
J=Analyte detected below reporting limits

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.

ERM

1701 Golf Road
Suite 1-700
Rolling Meadows, IL 60008

Telephone: +1 314.733.4490
Fax: +1 314.754.8121

www.erm.com

22 March 2023

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

Subject: Year 2023 Quarter 1 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois
ERM Project No. 0677245

Dear Dave:

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

The analytical results from the first quarter of groundwater sampling, provided by Teklab, Inc. are presented 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.

Wells on the downgradient perimeter of the site did not have any exceedances of ROs of the primary constituents of concern (COC), 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 detected at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were not detected at this location above laboratory quantitation 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.

ERM appreciates the opportunity to provide groundwater sampling activities at the Taylorville Site. Should you have any questions please contact me at (314) 952-2760.

Sincerely,

Matt Halley, CHMM
Senior Consultant

ATTACHMENT A – ANALYTICAL RESULTS: FEBRUARY 2023

February 23, 2023

Matt Halley
ERM
1968 Craig Road
Suite 100
St. Louis, MO 63146
TEL: (314) 952-2760
FAX:

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

RE: Ameren Taylorville 1st Qtr 2023 **WorkOrder:** 23021036

Dear Matt Halley:

TEKLAB, INC received 27 samples on 2/15/2023 16:00:00 for the analysis presented in the following report.

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

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

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

Sincerely,

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

Report Contents

http://www.teklabinc.com/

Client: ERM

Work Order: 23021036

Client Project: Ameren Taylorville 1st Qtr 2023

Report Date: 23-Feb-23

This reporting package includes the following:

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Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	34
Dates Report	35
Quality Control Results	39
Receiving Check List	58
Chain of Custody	Appended

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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)

Client: ERM

Work Order: 23021036

Client Project: Ameren Taylorville 1st Qtr 2023

Report Date: 23-Feb-23

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 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

Cooler Receipt Temp: 1.2 °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

Client Project: Ameren Taylorville 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2023	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2023	Collinsville
Illinois	IDPH	17584		5/31/2023	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	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: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-001
Client Sample ID: GW-01-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 08:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 19:47	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 19:47	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/20/2023 19:47	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 19:47	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/20/2023 19:47	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 19:47	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 19:47	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 19:47	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/20/2023 19:47	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 19:47	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 19:47	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/20/2023 19:47	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/20/2023 19:47	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/20/2023 19:47	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/20/2023 19:47	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/20/2023 19:47	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/20/2023 19:47	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/20/2023 19:47	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/20/2023 19:47	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/20/2023 19:47	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**82.5**	%REC	1	02/20/2023 19:47	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**75.7**	%REC	1	02/20/2023 19:47	203040
Surr: 2-Fluorophenol	*	0	10-157		**69.1**	%REC	1	02/20/2023 19:47	203040
Surr: Nitrobenzene-d5	*	0	15-163		**70.2**	%REC	1	02/20/2023 19:47	203040
Surr: Phenol-d5	*	0	10-162		**65.1**	%REC	1	02/20/2023 19:47	203040
Surr: p-Terphenyl-d14	*	0	10-173		**92.5**	%REC	1	02/20/2023 19:47	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/16/2023 17:48	202997
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/16/2023 17:48	202997
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/16/2023 17:48	202997
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/16/2023 17:48	202997
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/16/2023 17:48	202997
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	02/16/2023 17:48	202997
o-Xylene	NELAP	0.05	1.0	J	**0.10**	µg/L	1	02/16/2023 17:48	202997
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 17:48	202997
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 17:48	202997
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/16/2023 17:48	202997
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.0**	%REC	1	02/16/2023 17:48	202997
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.6**	%REC	1	02/16/2023 17:48	202997
Surr: Dibromofluoromethane	*	0	80-120		**99.6**	%REC	1	02/16/2023 17:48	202997
Surr: Toluene-d8	*	0	80-120		**99.5**	%REC	1	02/16/2023 17:48	202997

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-002
Client Sample ID: GW-02-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000063	0.000090	J	**0.000075**	mg/L	1	02/22/2023 11:56	203142
Acenaphthylene	NELAP	).000045	0.000090		**0.000430**	mg/L	1	02/22/2023 11:56	203142
Anthracene	NELAP	).000179	0.000269		**ND**	mg/L	1	02/22/2023 11:56	203142
Benzo(a)anthracene	NELAP	).000063	0.000090		**ND**	mg/L	1	02/22/2023 11:56	203142
Benzo(a)pyrene	NELAP	).000099	0.000179		**ND**	mg/L	1	02/22/2023 11:56	203142
Benzo(b)fluoranthene	NELAP	).000063	0.000090		**ND**	mg/L	1	02/22/2023 11:56	203142
Benzo(g,h,i)perylene	NELAP	).000107	0.000179		**ND**	mg/L	1	02/22/2023 11:56	203142
Benzo(k)fluoranthene	NELAP	).000045	0.000090		**ND**	mg/L	1	02/22/2023 11:56	203142
Bis(2-ethylhexyl)phthalate	NELAP	0.00128	0.00179		**0.00431**	mg/L	1	02/22/2023 11:56	203142
Chrysene	NELAP	).000045	0.000090		**ND**	mg/L	1	02/22/2023 11:56	203142
Dibenzo(a,h)anthracene	NELAP	).000107	0.000179		**ND**	mg/L	1	02/22/2023 11:56	203142
Di-n-butyl phthalate	NELAP	).000743	0.00896		**ND**	mg/L	1	02/22/2023 11:56	203142
Fluoranthene	NELAP	).000242	0.000269		**ND**	mg/L	1	02/22/2023 11:56	203142
Fluorene	NELAP	).000072	0.000179		**0.000325**	mg/L	1	02/22/2023 11:56	203142
Indeno(1,2,3-cd)pyrene	NELAP	).000143	0.000179		**ND**	mg/L	1	02/22/2023 11:56	203142
m,p-Cresol	NELAP	).000528	0.00896		**ND**	mg/L	1	02/22/2023 11:56	203142
Naphthalene	NELAP	).000304	0.000358		**0.00448**	mg/L	1	02/22/2023 11:56	203142
o-Cresol	NELAP	).000484	0.00896		**ND**	mg/L	1	02/22/2023 11:56	203142
Phenanthrene	NELAP	).000475	0.000537		**ND**	mg/L	1	02/22/2023 11:56	203142
Pyrene	NELAP	).000161	0.000179		**ND**	mg/L	1	02/22/2023 11:56	203142
Surr: 2,4,6-Tribromophenol	*	0	10-179		**75.1**	%REC	1	02/22/2023 11:56	203142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**69.7**	%REC	1	02/22/2023 11:56	203142
Surr: 2-Fluorophenol	*	0	10-157		**66.8**	%REC	1	02/22/2023 11:56	203142
Surr: Nitrobenzene-d5	*	0	15-163		**74.7**	%REC	1	02/22/2023 11:56	203142
Surr: Phenol-d5	*	0	10-162		**67.1**	%REC	1	02/22/2023 11:56	203142
Surr: p-Terphenyl-d14	*	0	10-173		**93.1**	%REC	1	02/22/2023 11:56	203142

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**1.23**	µg/L	1	02/16/2023 18:13	202997
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/16/2023 18:13	202997
Ethylbenzene	NELAP	0.10	1.0	J	**0.53**	µg/L	1	02/16/2023 18:13	202997
m,p-Xylenes	NELAP	0.18	1.0	J	**0.36**	µg/L	1	02/16/2023 18:13	202997
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/16/2023 18:13	202997
Naphthalene	NELAP	0.32	2.00		**7.22**	µg/L	1	02/16/2023 18:13	202997
o-Xylene	NELAP	0.05	1.00		**1.21**	µg/L	1	02/16/2023 18:13	202997
Toluene	NELAP	0.10	2.0	J	**0.15**	µg/L	1	02/16/2023 18:13	202997
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 18:13	202997
Xylenes, Total	NELAP	0.28	2.0	J	**1.6**	µg/L	1	02/16/2023 18:13	202997
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.7**	%REC	1	02/16/2023 18:13	202997
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.4**	%REC	1	02/16/2023 18:13	202997
Surr: Dibromofluoromethane	*	0	80-120		**102.3**	%REC	1	02/16/2023 18:13	202997
Surr: Toluene-d8	*	0	80-120		**98.9**	%REC	1	02/16/2023 18:13	202997

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-003
Client Sample ID: GW-03-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.00243**	mg/L	1	02/20/2023 20:29	203040
Acenaphthylene	NELAP	).000250	0.000500		**0.00427**	mg/L	5	02/22/2023 15:57	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/20/2023 20:29	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 20:29	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/20/2023 20:29	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 20:29	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 20:29	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 20:29	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00314**	mg/L	1	02/20/2023 20:29	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 20:29	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 20:29	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/20/2023 20:29	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/20/2023 20:29	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/20/2023 20:29	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/20/2023 20:29	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/20/2023 20:29	203040
Naphthalene	NELAP	0.00034	0.00040	J	**0.00040**	mg/L	1	02/20/2023 20:29	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/20/2023 20:29	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/20/2023 20:29	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/20/2023 20:29	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**87.9**	%REC	1	02/20/2023 20:29	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.0**	%REC	1	02/20/2023 20:29	203040
Surr: 2-Fluorophenol	*	0	10-157		**76.8**	%REC	1	02/20/2023 20:29	203040
Surr: Nitrobenzene-d5	*	0	15-163		**77.2**	%REC	1	02/20/2023 20:29	203040
Surr: Phenol-d5	*	0	10-162		**71.6**	%REC	1	02/20/2023 20:29	203040
Surr: p-Terphenyl-d14	*	0	10-173		**105.3**	%REC	1	02/20/2023 20:29	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 09:46	203053
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 09:46	203053
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 09:46	203053
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 09:46	203053
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 09:46	203053
Naphthalene	NELAP	0.32	2.0	J	**0.54**	µg/L	1	02/17/2023 09:46	203053
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 09:46	203053
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 09:46	203053
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 09:46	203053
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 09:46	203053
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.4**	%REC	1	02/17/2023 09:46	203053
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.8**	%REC	1	02/17/2023 09:46	203053
Surr: Dibromofluoromethane	*	0	80-120		**101.3**	%REC	1	02/17/2023 09:46	203053
Surr: Toluene-d8	*	0	80-120		**97.8**	%REC	1	02/17/2023 09:46	203053

Laboratory Results

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Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-004
Client Sample ID: GW-04R-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 13:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00700	0.0100		**0.0348**	mg/L	100	02/22/2023 16:35	203040
Acenaphthylene	NELAP	).000050	0.000100		**0.00218**	mg/L	1	02/20/2023 21:10	203040
Anthracene	NELAP	).000200	0.000300		**0.000925**	mg/L	1	02/20/2023 21:10	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000150**	mg/L	1	02/20/2023 21:10	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/20/2023 21:10	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.000101**	mg/L	1	02/20/2023 21:10	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 21:10	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 21:10	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/20/2023 21:10	203040
Chrysene	NELAP	).000050	0.000100		**0.000513**	mg/L	1	02/20/2023 21:10	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 21:10	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/20/2023 21:10	203040
Fluoranthene	NELAP	).000270	0.000300		**0.00489**	mg/L	1	02/20/2023 21:10	203040
Fluorene	NELAP	0.00800	0.0200		**0.0800**	mg/L	100	02/22/2023 16:35	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/20/2023 21:10	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/20/2023 21:10	203040
Naphthalene	NELAP	0.340	0.400		**1.83**	mg/L	1000	02/23/2023 12:32	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/20/2023 21:10	203040
Phenanthrene	NELAP	0.0530	0.0600		**0.0722**	mg/L	100	02/22/2023 16:35	203040
Pyrene	NELAP	).000180	0.000200		**0.00208**	mg/L	1	02/20/2023 21:10	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**82.4**	%REC	1	02/20/2023 21:10	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**60.0**	%REC	100	02/22/2023 16:35	203040
Surr: 2-Fluorophenol	*	0	10-157		**73.7**	%REC	1	02/20/2023 21:10	203040
Surr: Nitrobenzene-d5	*	0	15-163		**138.0**	%REC	100	02/22/2023 16:35	203040
Surr: Phenol-d5	*	0	10-162		**56.9**	%REC	1	02/20/2023 21:10	203040
Surr: p-Terphenyl-d14	*	0	10-173		**92.2**	%REC	1	02/20/2023 21:10	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	2.50	25.0		**609**	µg/L	50	02/17/2023 10:10	203053
Bromoform	NELAP	4.57	10.0		**ND**	µg/L	50	02/17/2023 10:10	203053
Ethylbenzene	NELAP	5.00	50.0		**250**	µg/L	50	02/17/2023 10:10	203053
m,p-Xylenes	NELAP	9.00	50.0		**63.5**	µg/L	50	02/17/2023 10:10	203053
Methylene chloride	NELAP	43.5	100		**ND**	µg/L	50	02/17/2023 10:10	203053
Naphthalene	NELAP	16.0	100		**2380**	µg/L	50	02/17/2023 10:10	203053
o-Xylene	NELAP	2.50	50.0		**136**	µg/L	50	02/17/2023 10:10	203053
Toluene	NELAP	5.0	100	J	**72**	µg/L	50	02/17/2023 10:10	203053
trans-1,2-Dichloroethene	NELAP	5.00	100		**ND**	µg/L	50	02/17/2023 10:10	203053
Xylenes, Total	NELAP	14.0	100		**199**	µg/L	50	02/17/2023 10:10	203053
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.1**	%REC	50	02/17/2023 10:10	203053
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.1**	%REC	50	02/17/2023 10:10	203053
Surr: Dibromofluoromethane	*	0	80-120		**100.7**	%REC	50	02/17/2023 10:10	203053
Surr: Toluene-d8	*	0	80-120		**98.5**	%REC	50	02/17/2023 10:10	203053

Elevated reporting limit due to high levels of target and/or non-target analytes.

Laboratory Results

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Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-005
Client Sample ID: GW-05-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/13/2023 17:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 19:13	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 19:13	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/17/2023 19:13	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 19:13	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/17/2023 19:13	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 19:13	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 19:13	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 19:13	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/17/2023 19:13	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 19:13	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 19:13	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/17/2023 19:13	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/17/2023 19:13	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/17/2023 19:13	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/17/2023 19:13	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/17/2023 19:13	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/17/2023 19:13	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/17/2023 19:13	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/17/2023 19:13	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/17/2023 19:13	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**101.3**	%REC	1	02/17/2023 19:13	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**83.3**	%REC	1	02/17/2023 19:13	203040
Surr: 2-Fluorophenol	*	0	10-157		**79.6**	%REC	1	02/17/2023 19:13	203040
Surr: Nitrobenzene-d5	*	0	15-163		**78.0**	%REC	1	02/17/2023 19:13	203040
Surr: Phenol-d5	*	0	10-162		**78.1**	%REC	1	02/17/2023 19:13	203040
Surr: p-Terphenyl-d14	*	0	10-173		**118.0**	%REC	1	02/17/2023 19:13	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/16/2023 21:27	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/16/2023 21:27	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/16/2023 21:27	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/16/2023 21:27	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/16/2023 21:27	203038
Naphthalene	NELAP	0.32	2.0	BJ	**0.49**	µg/L	1	02/16/2023 21:27	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/16/2023 21:27	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 21:27	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 21:27	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/16/2023 21:27	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.9**	%REC	1	02/16/2023 21:27	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.9**	%REC	1	02/16/2023 21:27	203038
Surr: Dibromofluoromethane	*	0	80-120		**98.7**	%REC	1	02/16/2023 21:27	203038
Surr: Toluene-d8	*	0	80-120		**98.1**	%REC	1	02/16/2023 21:27	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

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Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-006
Client Sample ID: GW-07-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000183**	mg/L	1	02/20/2023 21:51	203040
Acenaphthylene	NELAP	).000050	0.000100		**0.000203**	mg/L	1	02/20/2023 21:51	203040
Anthracene	NELAP	).000200	0.000300		**0.00148**	mg/L	1	02/20/2023 21:51	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000202**	mg/L	1	02/20/2023 21:51	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/20/2023 21:51	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 21:51	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 21:51	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 21:51	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00331**	mg/L	1	02/20/2023 21:51	203040
Chrysene	NELAP	).000050	0.000100		**0.000141**	mg/L	1	02/20/2023 21:51	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 21:51	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/20/2023 21:51	203040
Fluoranthene	NELAP	).000270	0.000300		**0.00127**	mg/L	1	02/20/2023 21:51	203040
Fluorene	NELAP	).000080	0.000200		**0.000400**	mg/L	1	02/20/2023 21:51	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/20/2023 21:51	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/20/2023 21:51	203040
Naphthalene	NELAP	).000340	0.000400	S	**0.00283**	mg/L	1	02/20/2023 21:51	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/20/2023 21:51	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/20/2023 21:51	203040
Pyrene	NELAP	).000180	0.000200		**0.00260**	mg/L	1	02/20/2023 21:51	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**78.3**	%REC	1	02/20/2023 21:51	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**75.9**	%REC	1	02/20/2023 21:51	203040
Surr: 2-Fluorophenol	*	0	10-157		**72.2**	%REC	1	02/20/2023 21:51	203040
Surr: Nitrobenzene-d5	*	0	15-163		**76.7**	%REC	1	02/20/2023 21:51	203040
Surr: Phenol-d5	*	0	10-162		**70.9**	%REC	1	02/20/2023 21:51	203040
Surr: p-Terphenyl-d14	*	0	10-173		**101.4**	%REC	1	02/20/2023 21:51	203040

Matrix spike did not recover within control limits due to sample composition.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/16/2023 21:51	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/16/2023 21:51	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/16/2023 21:51	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/16/2023 21:51	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/16/2023 21:51	203038
Naphthalene	NELAP	0.32	2.0	BJ	**0.36**	µg/L	1	02/16/2023 21:51	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/16/2023 21:51	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 21:51	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 21:51	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/16/2023 21:51	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.6**	%REC	1	02/16/2023 21:51	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.2**	%REC	1	02/16/2023 21:51	203038
Surr: Dibromofluoromethane	*	0	80-120		**99.9**	%REC	1	02/16/2023 21:51	203038
Surr: Toluene-d8	*	0	80-120		**98.0**	%REC	1	02/16/2023 21:51	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-007
Client Sample ID: GW-14-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 17:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 23:57	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 23:57	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/20/2023 23:57	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 23:57	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/20/2023 23:57	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/20/2023 23:57	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 23:57	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 23:57	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/20/2023 23:57	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/20/2023 23:57	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/20/2023 23:57	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/20/2023 23:57	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/20/2023 23:57	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/20/2023 23:57	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/20/2023 23:57	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/20/2023 23:57	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/20/2023 23:57	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/20/2023 23:57	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/20/2023 23:57	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/20/2023 23:57	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**68.0**	%REC	1	02/20/2023 23:57	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**59.8**	%REC	1	02/20/2023 23:57	203040
Surr: 2-Fluorophenol	*	0	10-157		**62.9**	%REC	1	02/20/2023 23:57	203040
Surr: Nitrobenzene-d5	*	0	15-163		**63.6**	%REC	1	02/20/2023 23:57	203040
Surr: Phenol-d5	*	0	10-162		**60.2**	%REC	1	02/20/2023 23:57	203040
Surr: p-Terphenyl-d14	*	0	10-173		**78.8**	%REC	1	02/20/2023 23:57	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/16/2023 23:04	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/16/2023 23:04	203038
Ethylbenzene	NELAP	0.10	1.0	J	**0.11**	µg/L	1	02/16/2023 23:04	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/16/2023 23:04	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/16/2023 23:04	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/16/2023 23:04	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/16/2023 23:04	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 23:04	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 23:04	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/16/2023 23:04	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.5**	%REC	1	02/16/2023 23:04	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.7**	%REC	1	02/16/2023 23:04	203038
Surr: Dibromofluoromethane	*	0	80-120		**100.6**	%REC	1	02/16/2023 23:04	203038
Surr: Toluene-d8	*	0	80-120		**98.5**	%REC	1	02/16/2023 23:04	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-008
Client Sample ID: GW-15-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 13:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 00:39	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 00:39	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 00:39	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 00:39	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 00:39	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 00:39	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 00:39	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 00:39	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 00:39	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 00:39	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 00:39	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 00:39	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 00:39	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 00:39	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 00:39	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 00:39	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 00:39	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 00:39	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 00:39	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 00:39	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**75.0**	%REC	1	02/21/2023 00:39	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**74.9**	%REC	1	02/21/2023 00:39	203040
Surr: 2-Fluorophenol	*	0	10-157		**76.4**	%REC	1	02/21/2023 00:39	203040
Surr: Nitrobenzene-d5	*	0	15-163		**79.8**	%REC	1	02/21/2023 00:39	203040
Surr: Phenol-d5	*	0	10-162		**72.0**	%REC	1	02/21/2023 00:39	203040
Surr: p-Terphenyl-d14	*	0	10-173		**97.7**	%REC	1	02/21/2023 00:39	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/16/2023 23:28	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/16/2023 23:28	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/16/2023 23:28	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/16/2023 23:28	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/16/2023 23:28	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/16/2023 23:28	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/16/2023 23:28	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 23:28	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 23:28	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/16/2023 23:28	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.8**	%REC	1	02/16/2023 23:28	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.9**	%REC	1	02/16/2023 23:28	203038
Surr: Dibromofluoromethane	*	0	80-120		**100.4**	%REC	1	02/16/2023 23:28	203038
Surr: Toluene-d8	*	0	80-120		**97.8**	%REC	1	02/16/2023 23:28	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-009
Client Sample ID: GW-16S-WG-20230213
Matrix: GROUNDWATER
Collection Date: 02/13/2023 12:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 19:55	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 19:55	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/17/2023 19:55	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 19:55	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/17/2023 19:55	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 19:55	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 19:55	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 19:55	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0019**	mg/L	1	02/17/2023 19:55	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 19:55	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 19:55	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/17/2023 19:55	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/17/2023 19:55	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/17/2023 19:55	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/17/2023 19:55	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/17/2023 19:55	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/17/2023 19:55	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/17/2023 19:55	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/17/2023 19:55	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/17/2023 19:55	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.4**	%REC	1	02/17/2023 19:55	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**81.6**	%REC	1	02/17/2023 19:55	203040
Surr: 2-Fluorophenol	*	0	10-157		**76.0**	%REC	1	02/17/2023 19:55	203040
Surr: Nitrobenzene-d5	*	0	15-163		**76.7**	%REC	1	02/17/2023 19:55	203040
Surr: Phenol-d5	*	0	10-162		**75.5**	%REC	1	02/17/2023 19:55	203040
Surr: p-Terphenyl-d14	*	0	10-173		**113.6**	%REC	1	02/17/2023 19:55	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/16/2023 23:53	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/16/2023 23:53	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/16/2023 23:53	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/16/2023 23:53	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/16/2023 23:53	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/16/2023 23:53	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/16/2023 23:53	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 23:53	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/16/2023 23:53	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/16/2023 23:53	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.0**	%REC	1	02/16/2023 23:53	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.0**	%REC	1	02/16/2023 23:53	203038
Surr: Dibromofluoromethane	*	0	80-120		**102.1**	%REC	1	02/16/2023 23:53	203038
Surr: Toluene-d8	*	0	80-120		**96.9**	%REC	1	02/16/2023 23:53	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-010
Client Sample ID: GW-16D-WG-20230213
Matrix: GROUNDWATER
Collection Date: 02/13/2023 13:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 20:37	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 20:37	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/17/2023 20:37	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 20:37	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/17/2023 20:37	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 20:37	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 20:37	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 20:37	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/17/2023 20:37	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 20:37	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 20:37	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/17/2023 20:37	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/17/2023 20:37	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/17/2023 20:37	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/17/2023 20:37	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/17/2023 20:37	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/17/2023 20:37	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/17/2023 20:37	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/17/2023 20:37	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/17/2023 20:37	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**92.5**	%REC	1	02/17/2023 20:37	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**80.0**	%REC	1	02/17/2023 20:37	203040
Surr: 2-Fluorophenol	*	0	10-157		**72.3**	%REC	1	02/17/2023 20:37	203040
Surr: Nitrobenzene-d5	*	0	15-163		**74.6**	%REC	1	02/17/2023 20:37	203040
Surr: Phenol-d5	*	0	10-162		**69.8**	%REC	1	02/17/2023 20:37	203040
Surr: p-Terphenyl-d14	*	0	10-173		**109.6**	%REC	1	02/17/2023 20:37	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**0.70**	µg/L	1	02/17/2023 00:17	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 00:17	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 00:17	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 00:17	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 00:17	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 00:17	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 00:17	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 00:17	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 00:17	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 00:17	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.4**	%REC	1	02/17/2023 00:17	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.5**	%REC	1	02/17/2023 00:17	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.7**	%REC	1	02/17/2023 00:17	203038
Surr: Toluene-d8	*	0	80-120		**98.7**	%REC	1	02/17/2023 00:17	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-011
Client Sample ID: GW-17-WG-20230213
Matrix: GROUNDWATER
Collection Date: 02/13/2023 13:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 21:19	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 21:19	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/17/2023 21:19	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 21:19	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/17/2023 21:19	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 21:19	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 21:19	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 21:19	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00715	0.0100		**0.0144**	mg/L	5	02/22/2023 17:13	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 21:19	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 21:19	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/17/2023 21:19	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/17/2023 21:19	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/17/2023 21:19	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/17/2023 21:19	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/17/2023 21:19	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/17/2023 21:19	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/17/2023 21:19	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/17/2023 21:19	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/17/2023 21:19	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**101.6**	%REC	1	02/17/2023 21:19	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**87.0**	%REC	1	02/17/2023 21:19	203040
Surr: 2-Fluorophenol	*	0	10-157		**80.4**	%REC	1	02/17/2023 21:19	203040
Surr: Nitrobenzene-d5	*	0	15-163		**80.1**	%REC	1	02/17/2023 21:19	203040
Surr: Phenol-d5	*	0	10-162		**77.9**	%REC	1	02/17/2023 21:19	203040
Surr: p-Terphenyl-d14	*	0	10-173		**116.0**	%REC	1	02/17/2023 21:19	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 00:41	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 00:41	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 00:41	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 00:41	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 00:41	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 00:41	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 00:41	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 00:41	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 00:41	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 00:41	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.5**	%REC	1	02/17/2023 00:41	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.6**	%REC	1	02/17/2023 00:41	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.0**	%REC	1	02/17/2023 00:41	203038
Surr: Toluene-d8	*	0	80-120		**99.1**	%REC	1	02/17/2023 00:41	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-012
Client Sample ID: GW-18S-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 13:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 01:21	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 01:21	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 01:21	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 01:21	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 01:21	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 01:21	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 01:21	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 01:21	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00331**	mg/L	1	02/21/2023 01:21	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 01:21	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 01:21	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 01:21	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 01:21	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 01:21	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 01:21	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 01:21	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 01:21	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 01:21	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 01:21	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 01:21	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**77.5**	%REC	1	02/21/2023 01:21	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.0**	%REC	1	02/21/2023 01:21	203040
Surr: 2-Fluorophenol	*	0	10-157		**75.6**	%REC	1	02/21/2023 01:21	203040
Surr: Nitrobenzene-d5	*	0	15-163		**79.2**	%REC	1	02/21/2023 01:21	203040
Surr: Phenol-d5	*	0	10-162		**72.0**	%REC	1	02/21/2023 01:21	203040
Surr: p-Terphenyl-d14	*	0	10-173		**98.2**	%REC	1	02/21/2023 01:21	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 01:06	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 01:06	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 01:06	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 01:06	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 01:06	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 01:06	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 01:06	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 01:06	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 01:06	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 01:06	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.8**	%REC	1	02/17/2023 01:06	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.8**	%REC	1	02/17/2023 01:06	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.3**	%REC	1	02/17/2023 01:06	203038
Surr: Toluene-d8	*	0	80-120		**99.0**	%REC	1	02/17/2023 01:06	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-013
Client Sample ID: GW-18D-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 13:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:03	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:03	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 02:03	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:03	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 02:03	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:03	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 02:03	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:03	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 02:03	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:03	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 02:03	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 02:03	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 02:03	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 02:03	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 02:03	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 02:03	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 02:03	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 02:03	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 02:03	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 02:03	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**79.6**	%REC	1	02/21/2023 02:03	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.1**	%REC	1	02/21/2023 02:03	203040
Surr: 2-Fluorophenol	*	0	10-157		**75.3**	%REC	1	02/21/2023 02:03	203040
Surr: Nitrobenzene-d5	*	0	15-163		**80.2**	%REC	1	02/21/2023 02:03	203040
Surr: Phenol-d5	*	0	10-162		**73.6**	%REC	1	02/21/2023 02:03	203040
Surr: p-Terphenyl-d14	*	0	10-173		**101.3**	%REC	1	02/21/2023 02:03	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 01:30	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 01:30	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 01:30	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 01:30	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 01:30	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 01:30	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 01:30	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 01:30	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 01:30	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 01:30	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.1**	%REC	1	02/17/2023 01:30	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.4**	%REC	1	02/17/2023 01:30	203038
Surr: Dibromofluoromethane	*	0	80-120		**99.2**	%REC	1	02/17/2023 01:30	203038
Surr: Toluene-d8	*	0	80-120		**98.3**	%REC	1	02/17/2023 01:30	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-014
Client Sample ID: GW-19S-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:45	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:45	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 02:45	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:45	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 02:45	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:45	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 02:45	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:45	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 02:45	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:45	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 02:45	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 02:45	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 02:45	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 02:45	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 02:45	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 02:45	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 02:45	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 02:45	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 02:45	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 02:45	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**85.9**	%REC	1	02/21/2023 02:45	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.5**	%REC	1	02/21/2023 02:45	203040
Surr: 2-Fluorophenol	*	0	10-157		**83.6**	%REC	1	02/21/2023 02:45	203040
Surr: Nitrobenzene-d5	*	0	15-163		**90.6**	%REC	1	02/21/2023 02:45	203040
Surr: Phenol-d5	*	0	10-162		**82.3**	%REC	1	02/21/2023 02:45	203040
Surr: p-Terphenyl-d14	*	0	10-173		**110.2**	%REC	1	02/21/2023 02:45	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 01:54	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 01:54	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 01:54	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 01:54	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 01:54	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 01:54	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 01:54	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 01:54	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 01:54	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 01:54	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.9**	%REC	1	02/17/2023 01:54	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.5**	%REC	1	02/17/2023 01:54	203038
Surr: Dibromofluoromethane	*	0	80-120		**100.9**	%REC	1	02/17/2023 01:54	203038
Surr: Toluene-d8	*	0	80-120		**98.5**	%REC	1	02/17/2023 01:54	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-015
Client Sample ID: GW-19D-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 11:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000159**	mg/L	1	02/21/2023 02:48	203084
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:48	203084
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 02:48	203084
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:48	203084
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 02:48	203084
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 02:48	203084
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 02:48	203084
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:48	203084
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 02:48	203084
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 02:48	203084
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 02:48	203084
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 02:48	203084
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 02:48	203084
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 02:48	203084
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 02:48	203084
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 02:48	203084
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 02:48	203084
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 02:48	203084
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 02:48	203084
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 02:48	203084
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.0**	%REC	1	02/21/2023 02:48	203084
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**66.4**	%REC	1	02/21/2023 02:48	203084
Surr: 2-Fluorophenol	*	0	10-157		**74.4**	%REC	1	02/21/2023 02:48	203084
Surr: Nitrobenzene-d5	*	0	15-163		**73.2**	%REC	1	02/21/2023 02:48	203084
Surr: Phenol-d5	*	0	10-162		**67.3**	%REC	1	02/21/2023 02:48	203084
Surr: p-Terphenyl-d14	*	0	10-173		**93.9**	%REC	1	02/21/2023 02:48	203084

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 02:19	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 02:19	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 02:19	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 02:19	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 02:19	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 02:19	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 02:19	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 02:19	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 02:19	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 02:19	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.6**	%REC	1	02/17/2023 02:19	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.3**	%REC	1	02/17/2023 02:19	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.2**	%REC	1	02/17/2023 02:19	203038
Surr: Toluene-d8	*	0	80-120		**98.0**	%REC	1	02/17/2023 02:19	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-016
Client Sample ID: GW-20-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 09:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 03:25	203084
Acenaphthylene	NELAP	).000050	0.000100		**0.000670**	mg/L	1	02/21/2023 03:25	203084
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 03:25	203084
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000650**	mg/L	1	02/21/2023 03:25	203084
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.00282**	mg/L	1	02/21/2023 03:25	203084
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.00220**	mg/L	1	02/21/2023 03:25	203084
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.00261**	mg/L	1	02/21/2023 03:25	203084
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**0.000508**	mg/L	1	02/21/2023 03:25	203084
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 03:25	203084
Chrysene	NELAP	).000050	0.000100		**0.000941**	mg/L	1	02/21/2023 03:25	203084
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**0.000475**	mg/L	1	02/21/2023 03:25	203084
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 03:25	203084
Fluoranthene	NELAP	).000270	0.000300		**0.000576**	mg/L	1	02/21/2023 03:25	203084
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 03:25	203084
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.00178**	mg/L	1	02/21/2023 03:25	203084
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 03:25	203084
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 03:25	203084
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 03:25	203084
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 03:25	203084
Pyrene	NELAP	).000180	0.000200		**0.00123**	mg/L	1	02/21/2023 03:25	203084
Surr: 2,4,6-Tribromophenol	*	0	10-179		**70.0**	%REC	1	02/21/2023 03:25	203084
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**60.4**	%REC	1	02/21/2023 03:25	203084
Surr: 2-Fluorophenol	*	0	10-157		**53.2**	%REC	1	02/21/2023 03:25	203084
Surr: Nitrobenzene-d5	*	0	15-163		**66.4**	%REC	1	02/21/2023 03:25	203084
Surr: Phenol-d5	*	0	10-162		**45.6**	%REC	1	02/21/2023 03:25	203084
Surr: p-Terphenyl-d14	*	0	10-173		**74.3**	%REC	1	02/21/2023 03:25	203084

Allowable Marginal Exceedance of Benzo(b)fluoranthene in the laboratory control sample is verified per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 02:43	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 02:43	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 02:43	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 02:43	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 02:43	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 02:43	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 02:43	203038
Toluene	NELAP	0.10	2.0	J	**0.16**	µg/L	1	02/17/2023 02:43	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 02:43	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 02:43	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.4**	%REC	1	02/17/2023 02:43	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.8**	%REC	1	02/17/2023 02:43	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.8**	%REC	1	02/17/2023 02:43	203038
Surr: Toluene-d8	*	0	80-120		**97.9**	%REC	1	02/17/2023 02:43	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-017
Client Sample ID: GW-21-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 08:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 04:03	203084
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 04:03	203084
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 04:03	203084
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 04:03	203084
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 04:03	203084
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 04:03	203084
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 04:03	203084
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 04:03	203084
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0017**	mg/L	1	02/21/2023 04:03	203084
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 04:03	203084
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 04:03	203084
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 04:03	203084
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 04:03	203084
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 04:03	203084
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 04:03	203084
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 04:03	203084
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 04:03	203084
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 04:03	203084
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 04:03	203084
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 04:03	203084
Surr: 2,4,6-Tribromophenol	*	0	10-179		**79.3**	%REC	1	02/21/2023 04:03	203084
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**62.5**	%REC	1	02/21/2023 04:03	203084
Surr: 2-Fluorophenol	*	0	10-157		**67.5**	%REC	1	02/21/2023 04:03	203084
Surr: Nitrobenzene-d5	*	0	15-163		**71.3**	%REC	1	02/21/2023 04:03	203084
Surr: Phenol-d5	*	0	10-162		**52.0**	%REC	1	02/21/2023 04:03	203084
Surr: p-Terphenyl-d14	*	0	10-173		**82.5**	%REC	1	02/21/2023 04:03	203084

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 03:07	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 03:07	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 03:07	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 03:07	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 03:07	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 03:07	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 03:07	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 03:07	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 03:07	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 03:07	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.8**	%REC	1	02/17/2023 03:07	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.3**	%REC	1	02/17/2023 03:07	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.4**	%REC	1	02/17/2023 03:07	203038
Surr: Toluene-d8	*	0	80-120		**98.5**	%REC	1	02/17/2023 03:07	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-018
Client Sample ID: GW-22S-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 15:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 04:41	203084
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 04:41	203084
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 04:41	203084
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 04:41	203084
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 04:41	203084
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 04:41	203084
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 04:41	203084
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 04:41	203084
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 04:41	203084
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 04:41	203084
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 04:41	203084
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 04:41	203084
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 04:41	203084
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 04:41	203084
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 04:41	203084
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 04:41	203084
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 04:41	203084
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 04:41	203084
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 04:41	203084
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 04:41	203084
Surr: 2,4,6-Tribromophenol	*	0	10-179		**84.2**	%REC	1	02/21/2023 04:41	203084
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**65.7**	%REC	1	02/21/2023 04:41	203084
Surr: 2-Fluorophenol	*	0	10-157		**73.8**	%REC	1	02/21/2023 04:41	203084
Surr: Nitrobenzene-d5	*	0	15-163		**79.9**	%REC	1	02/21/2023 04:41	203084
Surr: Phenol-d5	*	0	10-162		**63.0**	%REC	1	02/21/2023 04:41	203084
Surr: p-Terphenyl-d14	*	0	10-173		**90.9**	%REC	1	02/21/2023 04:41	203084

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 03:32	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 03:32	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 03:32	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 03:32	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 03:32	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 03:32	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 03:32	203038
Toluene	NELAP	0.10	2.0	J	**0.25**	µg/L	1	02/17/2023 03:32	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 03:32	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 03:32	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.7**	%REC	1	02/17/2023 03:32	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.1**	%REC	1	02/17/2023 03:32	203038
Surr: Dibromofluoromethane	*	0	80-120		**99.9**	%REC	1	02/17/2023 03:32	203038
Surr: Toluene-d8	*	0	80-120		**98.4**	%REC	1	02/17/2023 03:32	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-019
Client Sample ID: GW-22D-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 15:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/22/2023 12:37	203142
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/22/2023 12:37	203142
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/22/2023 12:37	203142
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/22/2023 12:37	203142
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/22/2023 12:37	203142
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/22/2023 12:37	203142
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/22/2023 12:37	203142
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/22/2023 12:37	203142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/22/2023 12:37	203142
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/22/2023 12:37	203142
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/22/2023 12:37	203142
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/22/2023 12:37	203142
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/22/2023 12:37	203142
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/22/2023 12:37	203142
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/22/2023 12:37	203142
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/22/2023 12:37	203142
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/22/2023 12:37	203142
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/22/2023 12:37	203142
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/22/2023 12:37	203142
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/22/2023 12:37	203142
Surr: 2,4,6-Tribromophenol	*	0	10-179		**76.9**	%REC	1	02/22/2023 12:37	203142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**73.6**	%REC	1	02/22/2023 12:37	203142
Surr: 2-Fluorophenol	*	0	10-157		**70.5**	%REC	1	02/22/2023 12:37	203142
Surr: Nitrobenzene-d5	*	0	15-163		**77.2**	%REC	1	02/22/2023 12:37	203142
Surr: Phenol-d5	*	0	10-162		**71.1**	%REC	1	02/22/2023 12:37	203142
Surr: p-Terphenyl-d14	*	0	10-173		**96.6**	%REC	1	02/22/2023 12:37	203142

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 10:34	203053
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 10:34	203053
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 10:34	203053
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 10:34	203053
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 10:34	203053
Naphthalene	NELAP	0.32	2.0	J	**0.59**	µg/L	1	02/17/2023 10:34	203053
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 10:34	203053
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 10:34	203053
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 10:34	203053
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 10:34	203053
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.2**	%REC	1	02/17/2023 10:34	203053
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.1**	%REC	1	02/17/2023 10:34	203053
Surr: Dibromofluoromethane	*	0	80-120		**99.3**	%REC	1	02/17/2023 10:34	203053
Surr: Toluene-d8	*	0	80-120		**97.0**	%REC	1	02/17/2023 10:34	203053

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-020
Client Sample ID: Dup-001-WG-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 00:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 05:19	203084
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 05:19	203084
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 05:19	203084
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 05:19	203084
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 05:19	203084
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 05:19	203084
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 05:19	203084
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 05:19	203084
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 05:19	203084
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 05:19	203084
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 05:19	203084
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 05:19	203084
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 05:19	203084
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 05:19	203084
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 05:19	203084
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 05:19	203084
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 05:19	203084
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 05:19	203084
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 05:19	203084
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 05:19	203084
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.9**	%REC	1	02/21/2023 05:19	203084
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**58.9**	%REC	1	02/21/2023 05:19	203084
Surr: 2-Fluorophenol	*	0	10-157		**66.7**	%REC	1	02/21/2023 05:19	203084
Surr: Nitrobenzene-d5	*	0	15-163		**70.8**	%REC	1	02/21/2023 05:19	203084
Surr: Phenol-d5	*	0	10-162		**52.8**	%REC	1	02/21/2023 05:19	203084
Surr: p-Terphenyl-d14	*	0	10-173		**84.8**	%REC	1	02/21/2023 05:19	203084

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 03:56	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 03:56	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 03:56	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 03:56	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 03:56	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 03:56	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 03:56	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 03:56	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 03:56	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 03:56	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.6**	%REC	1	02/17/2023 03:56	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.6**	%REC	1	02/17/2023 03:56	203038
Surr: Dibromofluoromethane	*	0	80-120		**100.2**	%REC	1	02/17/2023 03:56	203038
Surr: Toluene-d8	*	0	80-120		**98.9**	%REC	1	02/17/2023 03:56	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-021
Client Sample ID: Field Blank 1-WQ-20230214
Matrix: GROUNDWATER
Collection Date: 02/14/2023 08:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 05:57	203084
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 05:57	203084
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/21/2023 05:57	203084
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 05:57	203084
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/21/2023 05:57	203084
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/21/2023 05:57	203084
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 05:57	203084
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 05:57	203084
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/21/2023 05:57	203084
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/21/2023 05:57	203084
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/21/2023 05:57	203084
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/21/2023 05:57	203084
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/21/2023 05:57	203084
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/21/2023 05:57	203084
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/21/2023 05:57	203084
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/21/2023 05:57	203084
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/21/2023 05:57	203084
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/21/2023 05:57	203084
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/21/2023 05:57	203084
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/21/2023 05:57	203084
Surr: 2,4,6-Tribromophenol	*	0	10-179		**81.5**	%REC	1	02/21/2023 05:57	203084
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**62.0**	%REC	1	02/21/2023 05:57	203084
Surr: 2-Fluorophenol	*	0	10-157		**66.7**	%REC	1	02/21/2023 05:57	203084
Surr: Nitrobenzene-d5	*	0	15-163		**75.4**	%REC	1	02/21/2023 05:57	203084
Surr: Phenol-d5	*	0	10-162		**52.0**	%REC	1	02/21/2023 05:57	203084
Surr: p-Terphenyl-d14	*	0	10-173		**86.7**	%REC	1	02/21/2023 05:57	203084

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 04:20	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 04:20	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 04:20	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 04:20	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 04:20	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 04:20	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 04:20	203038
Toluene	NELAP	0.10	2.0	J	**1.2**	µg/L	1	02/17/2023 04:20	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 04:20	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 04:20	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.9**	%REC	1	02/17/2023 04:20	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.4**	%REC	1	02/17/2023 04:20	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.1**	%REC	1	02/17/2023 04:20	203038
Surr: Toluene-d8	*	0	80-120		**98.3**	%REC	1	02/17/2023 04:20	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-022
Client Sample ID: TB-001-WQ-20230213
Matrix: TRIP BLANK
Collection Date: 02/15/2023 16:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 04:44	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 04:44	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 04:44	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 04:44	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 04:44	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 04:44	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 04:44	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 04:44	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 04:44	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 04:44	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.9**	%REC	1	02/17/2023 04:44	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.7**	%REC	1	02/17/2023 04:44	203038
Surr: Dibromofluoromethane	*	0	80-120		**102.6**	%REC	1	02/17/2023 04:44	203038
Surr: Toluene-d8	*	0	80-120		**98.0**	%REC	1	02/17/2023 04:44	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-023
Client Sample ID: TB-002-WQ-20230213
Matrix: TRIP BLANK
Collection Date: 02/15/2023 16:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 05:09	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 05:09	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 05:09	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 05:09	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 05:09	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 05:09	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 05:09	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 05:09	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 05:09	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 05:09	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.7**	%REC	1	02/17/2023 05:09	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.8**	%REC	1	02/17/2023 05:09	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.4**	%REC	1	02/17/2023 05:09	203038
Surr: Toluene-d8	*	0	80-120		**98.5**	%REC	1	02/17/2023 05:09	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-024
Client Sample ID: Dup-002-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 00:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/22/2023 14:43	203142
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/22/2023 14:43	203142
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/22/2023 14:43	203142
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/22/2023 14:43	203142
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/22/2023 14:43	203142
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/22/2023 14:43	203142
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/22/2023 14:43	203142
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/22/2023 14:43	203142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/22/2023 14:43	203142
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/22/2023 14:43	203142
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/22/2023 14:43	203142
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/22/2023 14:43	203142
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/22/2023 14:43	203142
Fluorene	NELAP	).000080	0.00020	J	**0.00010**	mg/L	1	02/22/2023 14:43	203142
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/22/2023 14:43	203142
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/22/2023 14:43	203142
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/22/2023 14:43	203142
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/22/2023 14:43	203142
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/22/2023 14:43	203142
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/22/2023 14:43	203142
Surr: 2,4,6-Tribromophenol	*	0	10-179		**88.8**	%REC	1	02/22/2023 14:43	203142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.4**	%REC	1	02/22/2023 14:43	203142
Surr: 2-Fluorophenol	*	0	10-157		**75.5**	%REC	1	02/22/2023 14:43	203142
Surr: Nitrobenzene-d5	*	0	15-163		**81.4**	%REC	1	02/22/2023 14:43	203142
Surr: Phenol-d5	*	0	10-162		**76.3**	%REC	1	02/22/2023 14:43	203142
Surr: p-Terphenyl-d14	*	0	10-173		**101.6**	%REC	1	02/22/2023 14:43	203142

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 05:58	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 05:58	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 05:58	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 05:58	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 05:58	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 05:58	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 05:58	203038
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 05:58	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 05:58	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 05:58	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.9**	%REC	1	02/17/2023 05:58	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.6**	%REC	1	02/17/2023 05:58	203038
Surr: Dibromofluoromethane	*	0	80-120		**100.1**	%REC	1	02/17/2023 05:58	203038
Surr: Toluene-d8	*	0	80-120		**99.5**	%REC	1	02/17/2023 05:58	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-025
Client Sample ID: GW-25 WG-20230213
Matrix: GROUNDWATER
Collection Date: 02/13/2023 15:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 22:01	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 22:01	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/17/2023 22:01	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 22:01	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/17/2023 22:01	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 22:01	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 22:01	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 22:01	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/17/2023 22:01	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 22:01	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 22:01	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/17/2023 22:01	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/17/2023 22:01	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/17/2023 22:01	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/17/2023 22:01	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/17/2023 22:01	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/17/2023 22:01	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/17/2023 22:01	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/17/2023 22:01	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/17/2023 22:01	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**97.4**	%REC	1	02/17/2023 22:01	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**87.0**	%REC	1	02/17/2023 22:01	203040
Surr: 2-Fluorophenol	*	0	10-157		**80.2**	%REC	1	02/17/2023 22:01	203040
Surr: Nitrobenzene-d5	*	0	15-163		**81.3**	%REC	1	02/17/2023 22:01	203040
Surr: Phenol-d5	*	0	10-162		**76.1**	%REC	1	02/17/2023 22:01	203040
Surr: p-Terphenyl-d14	*	0	10-173		**114.1**	%REC	1	02/17/2023 22:01	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 06:23	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 06:23	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 06:23	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 06:23	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 06:23	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 06:23	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 06:23	203038
Toluene	NELAP	0.10	2.0	J	**0.29**	µg/L	1	02/17/2023 06:23	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 06:23	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 06:23	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.1**	%REC	1	02/17/2023 06:23	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.7**	%REC	1	02/17/2023 06:23	203038
Surr: Dibromofluoromethane	*	0	80-120		**100.4**	%REC	1	02/17/2023 06:23	203038
Surr: Toluene-d8	*	0	80-120		**98.2**	%REC	1	02/17/2023 06:23	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-026
Client Sample ID: GW-26-WG-20230213
Matrix: GROUNDWATER
Collection Date: 02/13/2023 15:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 22:43	203040
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 22:43	203040
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	02/17/2023 22:43	203040
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 22:43	203040
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/17/2023 22:43	203040
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	02/17/2023 22:43	203040
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 22:43	203040
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 22:43	203040
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/17/2023 22:43	203040
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/17/2023 22:43	203040
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/17/2023 22:43	203040
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/17/2023 22:43	203040
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	02/17/2023 22:43	203040
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	02/17/2023 22:43	203040
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/17/2023 22:43	203040
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/17/2023 22:43	203040
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	02/17/2023 22:43	203040
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/17/2023 22:43	203040
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	02/17/2023 22:43	203040
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	02/17/2023 22:43	203040
Surr: 2,4,6-Tribromophenol	*	0	10-179		**96.0**	%REC	1	02/17/2023 22:43	203040
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**90.4**	%REC	1	02/17/2023 22:43	203040
Surr: 2-Fluorophenol	*	0	10-157		**80.6**	%REC	1	02/17/2023 22:43	203040
Surr: Nitrobenzene-d5	*	0	15-163		**84.4**	%REC	1	02/17/2023 22:43	203040
Surr: Phenol-d5	*	0	10-162		**79.0**	%REC	1	02/17/2023 22:43	203040
Surr: p-Terphenyl-d14	*	0	10-173		**114.8**	%REC	1	02/17/2023 22:43	203040
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	02/17/2023 06:47	203038
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 06:47	203038
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	02/17/2023 06:47	203038
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	02/17/2023 06:47	203038
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 06:47	203038
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	02/17/2023 06:47	203038
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	02/17/2023 06:47	203038
Toluene	NELAP	0.10	2.0	J	**0.21**	µg/L	1	02/17/2023 06:47	203038
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 06:47	203038
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	02/17/2023 06:47	203038
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.8**	%REC	1	02/17/2023 06:47	203038
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.6**	%REC	1	02/17/2023 06:47	203038
Surr: Dibromofluoromethane	*	0	80-120		**101.2**	%REC	1	02/17/2023 06:47	203038
Surr: Toluene-d8	*	0	80-120		**98.6**	%REC	1	02/17/2023 06:47	203038

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23021036
Client Project: Ameren Taylorville 1st Qtr 2023
Report Date: 23-Feb-23
Lab ID: 23021036-027
Client Sample ID: Dup-003-WG-20230215
Matrix: GROUNDWATER
Collection Date: 02/15/2023 00:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00350	0.00500		**0.0334**	mg/L	50	02/22/2023 17:51	203142
Acenaphthylene	NELAP	).000050	0.000100		**0.00195**	mg/L	1	02/22/2023 15:24	203142
Anthracene	NELAP	).000200	0.000300		**0.000616**	mg/L	1	02/22/2023 15:24	203142
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000109**	mg/L	1	02/22/2023 15:24	203142
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	02/22/2023 15:24	203142
Benzo(b)fluoranthene	NELAP	).000070	0.00010	J	**0.000070**	mg/L	1	02/22/2023 15:24	203142
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/22/2023 15:24	203142
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	02/22/2023 15:24	203142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	02/22/2023 15:24	203142
Chrysene	NELAP	).000050	0.000100		**0.000385**	mg/L	1	02/22/2023 15:24	203142
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	02/22/2023 15:24	203142
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	02/22/2023 15:24	203142
Fluoranthene	NELAP	).000270	0.000300		**0.00457**	mg/L	1	02/22/2023 15:24	203142
Fluorene	NELAP	0.00400	0.0100		**0.0801**	mg/L	50	02/22/2023 17:51	203142
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	02/22/2023 15:24	203142
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	02/22/2023 15:24	203142
Naphthalene	NELAP	0.340	0.400		**1.86**	mg/L	1000	02/23/2023 11:53	203142
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	02/22/2023 15:24	203142
Phenanthrene	NELAP	0.0265	0.0300		**0.0735**	mg/L	50	02/22/2023 17:51	203142
Pyrene	NELAP	).000180	0.000200		**0.00203**	mg/L	1	02/22/2023 15:24	203142
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.9**	%REC	1	02/22/2023 15:24	203142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**65.5**	%REC	50	02/22/2023 17:51	203142
Surr: 2-Fluorophenol	*	0	10-157		**80.1**	%REC	1	02/22/2023 15:24	203142
Surr: Nitrobenzene-d5	*	0	15-163		**111.0**	%REC	50	02/22/2023 17:51	203142
Surr: Phenol-d5	*	0	10-162		**70.5**	%REC	1	02/22/2023 15:24	203142
Surr: p-Terphenyl-d14	*	0	10-173		**97.8**	%REC	1	02/22/2023 15:24	203142

LCS recovered outside upper control limits for Benzo(b)fluoranthene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	2.50	25.0		**612**	µg/L	50	02/17/2023 16:14	203053
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	02/17/2023 11:47	203053
Ethylbenzene	NELAP	5.00	50.0		**250**	µg/L	50	02/17/2023 16:14	203053
m,p-Xylenes	NELAP	0.18	1.00		**64.5**	µg/L	1	02/17/2023 11:47	203053
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	02/17/2023 11:47	203053
Naphthalene	NELAP	16.0	100		**2490**	µg/L	50	02/17/2023 16:14	203053
o-Xylene	NELAP	0.05	1.00		**148**	µg/L	1	02/17/2023 11:47	203053
Toluene	NELAP	0.10	2.00		**70.8**	µg/L	1	02/17/2023 11:47	203053
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	02/17/2023 11:47	203053
Xylenes, Total	NELAP	0.28	2.00		**213**	µg/L	1	02/17/2023 11:47	203053
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.7**	%REC	1	02/17/2023 11:47	203053
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.9**	%REC	1	02/17/2023 11:47	203053
Surr: Dibromofluoromethane	*	0	80-120		**101.5**	%REC	1	02/17/2023 11:47	203053
Surr: Toluene-d8	*	0	80-120		**96.7**	%REC	1	02/17/2023 11:47	203053

Sample Summary

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23021036-001	GW-01-WG-20230215	Groundwater	2	02/15/2023 08:45
23021036-002	GW-02-WG-20230215	Groundwater	2	02/15/2023 11:20
23021036-003	GW-03-WG-20230215	Groundwater	2	02/15/2023 10:45
23021036-004	GW-04R-WG-20230215	Groundwater	2	02/15/2023 13:50
23021036-005	GW-05-WG-20230215	Groundwater	2	02/13/2023 17:00
23021036-006	GW-07-WG-20230215	Groundwater	2	02/15/2023 10:20
23021036-007	GW-14-WG-20230214	Groundwater	2	02/14/2023 17:40
23021036-008	GW-15-WG-20230215	Groundwater	2	02/15/2023 13:05
23021036-009	GW-16S-WG-20230213	Groundwater	2	02/13/2023 12:10
23021036-010	GW-16D-WG-20230213	Groundwater	2	02/13/2023 13:20
23021036-011	GW-17-WG-20230213	Groundwater	2	02/13/2023 13:55
23021036-012	GW-18S-WG-20230214	Groundwater	2	02/14/2023 13:50
23021036-013	GW-18D-WG-20230214	Groundwater	2	02/14/2023 13:20
23021036-014	GW-19S-WG-20230214	Groundwater	2	02/14/2023 12:00
23021036-015	GW-19D-WG-20230214	Groundwater	2	02/14/2023 11:25
23021036-016	GW-20-WG-20230214	Groundwater	2	02/14/2023 09:30
23021036-017	GW-21-WG-20230214	Groundwater	2	02/14/2023 08:55
23021036-018	GW-22S-WG-20230214	Groundwater	2	02/14/2023 15:55
23021036-019	GW-22D-WG-20230214	Groundwater	2	02/14/2023 15:30
23021036-020	Dup-001-WG-20230214	Groundwater	2	02/14/2023 00:00
23021036-021	Field Blank 1-WQ-20230214	Groundwater	2	02/14/2023 08:00
23021036-022	TB-001-WQ-20230213	Trip Blank	1	02/15/2023 16:00
23021036-023	TB-002-WQ-20230213	Trip Blank	1	02/15/2023 16:00
23021036-024	Dup-002-WG-20230215	Groundwater	2	02/15/2023 00:00
23021036-025	GW-25 WG-20230213	Groundwater	2	02/13/2023 15:55
23021036-026	GW-26-WG-20230213	Groundwater	2	02/13/2023 15:00
23021036-027	Dup-003-WG-20230215	Groundwater	2	02/15/2023 00:00

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23021036-001A	GW-01-WG-20230215	02/15/2023 08:45	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/20/2023 19:47
23021036-001B	GW-01-WG-20230215	02/15/2023 08:45	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/16/2023 17:48
23021036-002A	GW-02-WG-20230215	02/15/2023 11:20	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2023 09:12	02/22/2023 11:56
23021036-002B	GW-02-WG-20230215	02/15/2023 11:20	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/16/2023 18:13
23021036-003A	GW-03-WG-20230215	02/15/2023 10:45	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/20/2023 20:29
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/22/2023 15:57
23021036-003B	GW-03-WG-20230215	02/15/2023 10:45	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 09:46
23021036-004A	GW-04R-WG-20230215	02/15/2023 13:50	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/20/2023 21:10
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/22/2023 16:35
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/23/2023 12:32
23021036-004B	GW-04R-WG-20230215	02/15/2023 13:50	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 10:10
23021036-005A	GW-05-WG-20230215	02/13/2023 17:00	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 08:38	02/17/2023 19:13
23021036-005B	GW-05-WG-20230215	02/13/2023 17:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/16/2023 21:27
23021036-006A	GW-07-WG-20230215	02/15/2023 10:20	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/20/2023 21:51
23021036-006B	GW-07-WG-20230215	02/15/2023 10:20	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/16/2023 21:51
23021036-007A	GW-14-WG-20230214	02/14/2023 17:40	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/20/2023 23:57
23021036-007B	GW-14-WG-20230214	02/14/2023 17:40	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/16/2023 23:04
23021036-008A	GW-15-WG-20230215	02/15/2023 13:05	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/21/2023 00:39
23021036-008B	GW-15-WG-20230215	02/15/2023 13:05	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/16/2023 23:28

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23021036-009A	GW-16S-WG-20230213	02/13/2023 12:10	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 08:38	02/17/2023 19:55
23021036-009B	GW-16S-WG-20230213	02/13/2023 12:10	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/16/2023 23:53
23021036-010A	GW-16D-WG-20230213	02/13/2023 13:20	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 08:38	02/17/2023 20:37
23021036-010B	GW-16D-WG-20230213	02/13/2023 13:20	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 00:17
23021036-011A	GW-17-WG-20230213	02/13/2023 13:55	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 08:38	02/17/2023 21:19
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 08:38	02/22/2023 17:13
23021036-011B	GW-17-WG-20230213	02/13/2023 13:55	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 00:41
23021036-012A	GW-18S-WG-20230214	02/14/2023 13:50	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/21/2023 01:21
23021036-012B	GW-18S-WG-20230214	02/14/2023 13:50	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 01:06
23021036-013A	GW-18D-WG-20230214	02/14/2023 13:20	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/21/2023 02:03
23021036-013B	GW-18D-WG-20230214	02/14/2023 13:20	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 01:30
23021036-014A	GW-19S-WG-20230214	02/14/2023 12:00	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 16:47	02/21/2023 02:45
23021036-014B	GW-19S-WG-20230214	02/14/2023 12:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 01:54
23021036-015A	GW-19D-WG-20230214	02/14/2023 11:25	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/20/2023 11:35	02/21/2023 02:48
23021036-015B	GW-19D-WG-20230214	02/14/2023 11:25	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 02:19
23021036-016A	GW-20-WG-20230214	02/14/2023 09:30	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/20/2023 11:35	02/21/2023 03:25
23021036-016B	GW-20-WG-20230214	02/14/2023 09:30	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 02:43
23021036-017A	GW-21-WG-20230214	02/14/2023 08:55	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/20/2023 11:35	02/21/2023 04:03

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23021036-017B	GW-21-WG-20230214	02/14/2023 08:55	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 03:07
23021036-018A	GW-22S-WG-20230214	02/14/2023 15:55	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/20/2023 11:35	02/21/2023 04:41
23021036-018B	GW-22S-WG-20230214	02/14/2023 15:55	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 03:32
23021036-019A	GW-22D-WG-20230214	02/14/2023 15:30	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2023 09:12	02/22/2023 12:37
23021036-019B	GW-22D-WG-20230214	02/14/2023 15:30	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 10:34
23021036-020A	Dup-001-WG-20230214	02/14/2023 00:00	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/20/2023 11:35	02/21/2023 05:19
23021036-020B	Dup-001-WG-20230214	02/14/2023 00:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 03:56
23021036-021A	Field Blank 1-WQ-20230214	02/14/2023 08:00	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/20/2023 11:35	02/21/2023 05:57
23021036-021B	Field Blank 1-WQ-20230214	02/14/2023 08:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 04:20
23021036-022A	TB-001-WQ-20230213	02/15/2023 16:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 04:44
23021036-023A	TB-002-WQ-20230213	02/15/2023 16:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 05:09
23021036-024A	Dup-002-WG-20230215	02/15/2023 00:00	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2023 09:12	02/22/2023 14:43
23021036-024B	Dup-002-WG-20230215	02/15/2023 00:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 05:58
23021036-025A	GW-25 WG-20230213	02/13/2023 15:55	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 08:38	02/17/2023 22:01
23021036-025B	GW-25 WG-20230213	02/13/2023 15:55	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 06:23
23021036-026A	GW-26-WG-20230213	02/13/2023 15:00	02/15/2023 16:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/17/2023 08:38	02/17/2023 22:43
23021036-026B	GW-26-WG-20230213	02/13/2023 15:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 06:47
23021036-027A	Dup-003-WG-20230215	02/15/2023 00:00	02/15/2023 16:00		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2023 09:12	02/22/2023 15:24
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2023 09:12	02/22/2023 17:51
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			02/21/2023 09:12	02/23/2023 11:53
23021036-027B	Dup-003-WG-20230215	02/15/2023 00:00	02/15/2023 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 11:47
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				02/17/2023 16:14

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203040** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-203040

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						02/17/2023
Acenaphthylene		0.000100		**ND**						02/17/2023
Anthracene		0.000300		**ND**						02/17/2023
Benzo(a)anthracene		0.000100		**ND**						02/17/2023
Benzo(a)pyrene		0.000200		**ND**						02/17/2023
Benzo(b)fluoranthene		0.000100		**ND**						02/17/2023
Benzo(g,h,i)perylene		0.000200		**ND**						02/17/2023
Benzo(k)fluoranthene		0.000100		**ND**						02/17/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						02/17/2023
Chrysene		0.000100		**ND**						02/17/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						02/17/2023
Di-n-butyl phthalate		0.0100		**ND**						02/17/2023
Fluoranthene		0.000300		**ND**						02/17/2023
Fluorene		0.000200		**ND**						02/17/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						02/17/2023
m,p-Cresol		0.0100		**ND**						02/17/2023
Naphthalene		0.000400		**ND**						02/17/2023
o-Cresol		0.0100		**ND**						02/17/2023
Phenanthrene		0.000600		**ND**						02/17/2023
Pyrene		0.000200		**ND**						02/17/2023
Surr: 2,4,6-Tribromophenol	*			**0.00174**	0.0020		86.9	32.3	170	02/17/2023
Surr: 2-Fluorobiphenyl	*			**0.000665**	0.0010		66.5	39.9	111	02/17/2023
Surr: 2-Fluorophenol	*			**0.00125**	0.0020		62.7	46.8	106	02/17/2023
Surr: Nitrobenzene-d5	*			**0.000600**	0.0010		60.0	44.3	106	02/17/2023
Surr: Phenol-d5	*			**0.00122**	0.0020		60.9	34.8	108	02/17/2023
Surr: p-Terphenyl-d14	*			**0.000910**	0.0010		91.0	58.2	153	02/17/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203040** **SampType:** **LCS** Units **mg/L**

SampID: LCS-203040

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00175**	0.0020	0	87.7	37.4	125	02/17/2023
Acenaphthylene		0.000100		**0.00202**	0.0020	0	100.8	44	132	02/17/2023
Anthracene		0.000300		**0.00180**	0.0020	0	90.2	55.8	117	02/17/2023
Benzo(a)anthracene		0.000100		**0.00193**	0.0020	0	96.5	68	112	02/17/2023
Benzo(a)pyrene		0.000200		**0.00200**	0.0020	0	99.8	59.2	118	02/17/2023
Benzo(b)fluoranthene		0.000100		**0.00217**	0.0020	0	108.6	67.9	113	02/17/2023
Benzo(g,h,i)perylene		0.000200		**0.00195**	0.0020	0	97.5	33.6	173	02/17/2023
Benzo(k)fluoranthene		0.000100		**0.00189**	0.0020	0	94.4	73.3	133	02/17/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	110.6	55.2	189	02/17/2023
Chrysene		0.000100		**0.00196**	0.0020	0	97.9	72.1	131	02/17/2023
Dibenzo(a,h)anthracene		0.000200		**0.00209**	0.0020	0	104.6	69.1	144	02/17/2023
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	101.7	52.8	148	02/17/2023
Fluoranthene		0.000300		**0.00201**	0.0020	0	100.5	73.5	122	02/17/2023
Fluorene		0.000200		**0.00178**	0.0020	0	89.2	46.5	124	02/17/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00196**	0.0020	0	97.8	71.2	147	02/17/2023
m,p-Cresol		0.0100		**0.0166**	0.0200	0	83.0	55	96.3	02/17/2023
Naphthalene		0.000400		**0.00169**	0.0020	0	84.6	30.4	125	02/17/2023
o-Cresol		0.0100		**0.0167**	0.0200	0	83.4	58.1	92.8	02/17/2023
Phenanthrene		0.000600		**0.00197**	0.0020	0	98.6	63.7	118	02/17/2023
Pyrene		0.000200		**0.00193**	0.0020	0	96.7	69.5	126	02/17/2023
Surr: 2,4,6-Tribromophenol	*			**0.00195**	0.0020		97.7	32.3	170	02/17/2023
Surr: 2-Fluorobiphenyl	*			**0.000914**	0.0010		91.4	39.9	111	02/17/2023
Surr: 2-Fluorophenol	*			**0.00163**	0.0020		81.7	46.8	106	02/17/2023
Surr: Nitrobenzene-d5	*			**0.000825**	0.0010		82.5	44.3	106	02/17/2023
Surr: Phenol-d5	*			**0.00142**	0.0020		71.0	34.8	108	02/17/2023
Surr: p-Terphenyl-d14	*			**0.00120**	0.0010		120.2	58.2	153	02/17/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203040** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-203040

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00175**	0.0020	0	87.6	0.001755	0.14	02/17/2023
Acenaphthylene		0.000100		**0.00203**	0.0020	0	101.3	0.002016	0.49	02/17/2023
Anthracene		0.000300		**0.00184**	0.0020	0	92.2	0.001804	2.19	02/17/2023
Benzo(a)anthracene		0.000100		**0.00199**	0.0020	0	99.4	0.001930	2.95	02/17/2023
Benzo(a)pyrene		0.000200		**0.00211**	0.0020	0	105.5	0.001997	5.55	02/17/2023
Benzo(b)fluoranthene		0.000100		**0.00222**	0.0020	0	110.8	0.002173	1.92	02/17/2023
Benzo(g,h,i)perylene		0.000200		**0.00211**	0.0020	0	105.6	0.001949	7.99	02/17/2023
Benzo(k)fluoranthene		0.000100		**0.00198**	0.0020	0	99.2	0.001888	5.00	02/17/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0024**	0.0020	0	120.2	0.002212	0.00	02/17/2023
Chrysene		0.000100		**0.00199**	0.0020	0	99.6	0.001958	1.69	02/17/2023
Dibenzo(a,h)anthracene		0.000200		**0.00212**	0.0020	0	105.8	0.002092	1.16	02/17/2023
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	102.7	0.002035	0.00	02/17/2023
Fluoranthene		0.000300		**0.00203**	0.0020	0	101.6	0.002010	1.08	02/17/2023
Fluorene		0.000200		**0.00180**	0.0020	0	89.8	0.001784	0.69	02/17/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00209**	0.0020	0	104.6	0.001955	6.76	02/17/2023
m,p-Cresol		0.0100		**0.0166**	0.0200	0	83.1	0.01660	0.09	02/17/2023
Naphthalene		0.000400		**0.00168**	0.0020	0	83.8	0.001692	0.94	02/17/2023
o-Cresol		0.0100		**0.0166**	0.0200	0	82.9	0.01667	0.57	02/17/2023
Phenanthrene		0.000600		**0.00193**	0.0020	0	96.6	0.001971	2.01	02/17/2023
Pyrene		0.000200		**0.00198**	0.0020	0	98.9	0.001934	2.24	02/17/2023
Surr: 2,4,6-Tribromophenol	*			**0.00187**	0.0020		93.6			02/17/2023
Surr: 2-Fluorobiphenyl	*			**0.000845**	0.0010		84.5			02/17/2023
Surr: 2-Fluorophenol	*			**0.00151**	0.0020		75.6			02/17/2023
Surr: Nitrobenzene-d5	*			**0.000769**	0.0010		76.9			02/17/2023
Surr: Phenol-d5	*			**0.00148**	0.0020		74.2			02/17/2023
Surr: p-Terphenyl-d14	*			**0.00109**	0.0010		108.5			02/17/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203040** **SampType:** **MS** Units **mg/L**

SampID: 23021036-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00200**	0.0020	0.0001834	90.8	28.3	133	02/20/2023
Acenaphthylene		0.000100		**0.00231**	0.0020	0.0002027	105.4	5	176	02/20/2023
Anthracene		0.000300		**0.00347**	0.0020	0.001475	99.8	34.6	131	02/20/2023
Benzo(a)anthracene		0.000100		**0.00224**	0.0020	0.0002019	102.1	40.3	132	02/20/2023
Benzo(a)pyrene		0.000200		**0.00223**	0.0020	0	111.7	40.8	132	02/20/2023
Benzo(b)fluoranthene		0.000100		**0.00235**	0.0020	0	117.6	41.9	132	02/20/2023
Benzo(g,h,i)perylene		0.000200		**0.00215**	0.0020	0	107.4	46	132	02/20/2023
Benzo(k)fluoranthene		0.000100		**0.00204**	0.0020	0	102.0	49.4	126	02/20/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0043**	0.0020	0.003314	47.6	18.4	222	02/20/2023
Chrysene		0.000100		**0.00219**	0.0020	0.0001410	102.3	46.1	129	02/20/2023
Dibenzo(a,h)anthracene		0.000200		**0.00219**	0.0020	0	109.7	42.1	146	02/20/2023
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	101.6	59.6	146	02/20/2023
Fluoranthene		0.000300		**0.00340**	0.0020	0.001274	106.3	23.9	164	02/20/2023
Fluorene		0.000200		**0.00215**	0.0020	0.0003998	87.6	24.3	148	02/20/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00218**	0.0020	0	109.2	26.6	157	02/20/2023
m,p-Cresol		0.0100		**0.0170**	0.0200	0	85.2	5	156	02/20/2023
Naphthalene		0.000400	S	**0.00181**	0.0020	0.002834	-51.1	24.2	132	02/20/2023
o-Cresol		0.0100		**0.0184**	0.0200	0	92.1	38	113	02/20/2023
Phenanthrene		0.000600		**0.00214**	0.0020	0	106.9	36.6	139	02/20/2023
Pyrene		0.000200		**0.00455**	0.0020	0.002603	97.3	14.6	169	02/20/2023
Surr: 2,4,6-Tribromophenol	*			**0.00195**	0.0020		97.5	10	179	02/20/2023
Surr: 2-Fluorobiphenyl	*			**0.000870**	0.0010		87.0	21.4	142	02/20/2023
Surr: 2-Fluorophenol	*			**0.00155**	0.0020		77.7	10	157	02/20/2023
Surr: Nitrobenzene-d5	*			**0.000776**	0.0010		77.6	15	163	02/20/2023
Surr: Phenol-d5	*			**0.00155**	0.0020		77.3	10	162	02/20/2023
Surr: p-Terphenyl-d14	*			**0.000999**	0.0010		99.9	10	173	02/20/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203040** **SampType:** **MSD** Units **mg/L** RPD Limit **40**

SampID: 23021036-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00194**	0.0020	0.0001834	87.7	0.001998	3.12	02/20/2023
Acenaphthylene		0.000100		**0.00226**	0.0020	0.0002027	102.7	0.002310	2.39	02/20/2023
Anthracene		0.000300		**0.00332**	0.0020	0.001475	92.4	0.003471	4.35	02/20/2023
Benzo(a)anthracene		0.000100		**0.00222**	0.0020	0.0002019	100.8	0.002245	1.23	02/20/2023
Benzo(a)pyrene		0.000200		**0.00219**	0.0020	0	109.7	0.002234	1.75	02/20/2023
Benzo(b)fluoranthene		0.000100		**0.00233**	0.0020	0	116.4	0.002352	1.03	02/20/2023
Benzo(g,h,i)perylene		0.000200		**0.00218**	0.0020	0	109.0	0.002147	1.53	02/20/2023
Benzo(k)fluoranthene		0.000100		**0.00204**	0.0020	0	102.0	0.002040	0.00	02/20/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0045**	0.0020	0.003314	61.3	0.004265	0.00	02/20/2023
Chrysene		0.000100		**0.00216**	0.0020	0.0001410	101.2	0.002187	1.01	02/20/2023
Dibenzo(a,h)anthracene		0.000200		**0.00216**	0.0020	0	108.2	0.002193	1.36	02/20/2023
Di-n-butyl phthalate		0.0100	J	**0.0022**	0.0020	0	108.8	0.002031	0.00	02/20/2023
Fluoranthene		0.000300		**0.00320**	0.0020	0.001274	96.2	0.003399	6.08	02/20/2023
Fluorene		0.000200		**0.00210**	0.0020	0.0003998	85.0	0.002151	2.43	02/20/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00216**	0.0020	0	108.1	0.002183	1.00	02/20/2023
m,p-Cresol		0.0100		**0.0185**	0.0200	0	92.7	0.01704	8.37	02/20/2023
Naphthalene		0.000400	S	**0.00174**	0.0020	0.002834	-54.4	0.001812	3.79	02/20/2023
o-Cresol		0.0100		**0.0186**	0.0200	0	93.1	0.01841	1.09	02/20/2023
Phenanthrene		0.000600		**0.00196**	0.0020	0	98.0	0.002139	8.75	02/20/2023
Pyrene		0.000200		**0.00440**	0.0020	0.002603	90.1	0.004549	3.21	02/20/2023
Surr: 2,4,6-Tribromophenol	*			**0.00167**	0.0020		83.4			02/20/2023
Surr: 2-Fluorobiphenyl	*			**0.000774**	0.0010		77.4			02/20/2023
Surr: 2-Fluorophenol	*			**0.00147**	0.0020		73.6			02/20/2023
Surr: Nitrobenzene-d5	*			**0.000782**	0.0010		78.2			02/20/2023
Surr: Phenol-d5	*			**0.00148**	0.0020		74.2			02/20/2023
Surr: p-Terphenyl-d14	*			**0.000992**	0.0010		99.2			02/20/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203084** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-203084

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						02/20/2023
Acenaphthylene		0.000100		**ND**						02/20/2023
Anthracene		0.000300		**ND**						02/20/2023
Benzo(a)anthracene		0.000100		**ND**						02/20/2023
Benzo(a)pyrene		0.000200		**ND**						02/20/2023
Benzo(b)fluoranthene		0.000100		**ND**						02/20/2023
Benzo(g,h,i)perylene		0.000200		**ND**						02/20/2023
Benzo(k)fluoranthene		0.000100		**ND**						02/20/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						02/20/2023
Chrysene		0.000100		**ND**						02/20/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						02/20/2023
Di-n-butyl phthalate		0.0100		**ND**						02/20/2023
Fluoranthene		0.000300		**ND**						02/20/2023
Fluorene		0.000200		**ND**						02/20/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						02/20/2023
m,p-Cresol		0.0100		**ND**						02/20/2023
Naphthalene		0.000400		**ND**						02/20/2023
o-Cresol		0.0100		**ND**						02/20/2023
Phenanthrene		0.000600		**ND**						02/20/2023
Pyrene		0.000200		**ND**						02/20/2023
Surr: 2,4,6-Tribromophenol	*			**0.00189**	0.0020		94.3	32.3	170	02/20/2023
Surr: 2-Fluorobiphenyl	*			**0.000832**	0.0010		83.2	39.9	111	02/20/2023
Surr: 2-Fluorophenol	*			**0.00162**	0.0020		81.0	46.8	106	02/20/2023
Surr: Nitrobenzene-d5	*			**0.000786**	0.0010		78.6	44.3	106	02/20/2023
Surr: Phenol-d5	*			**0.00160**	0.0020		79.8	34.8	108	02/20/2023
Surr: p-Terphenyl-d14	*			**0.00117**	0.0010		117.2	58.2	153	02/20/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203084** **SampType:** **LCS** Units **mg/L**

SampID: LCS-203084

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00179**	0.0020	0	89.7	37.4	125	02/20/2023
Acenaphthylene		0.000100		**0.00210**	0.0020	0	104.9	44	132	02/20/2023
Anthracene		0.000300		**0.00194**	0.0020	0	97.2	55.8	117	02/20/2023
Benzo(a)anthracene		0.000100		**0.00210**	0.0020	0	104.9	68	112	02/20/2023
Benzo(a)pyrene		0.000200		**0.00224**	0.0020	0	111.9	59.2	118	02/20/2023
Benzo(b)fluoranthene		0.000100	S	**0.00237**	0.0020	0	118.4	67.9	113	02/20/2023
Benzo(g,h,i)perylene		0.000200		**0.00232**	0.0020	0	115.9	33.6	173	02/20/2023
Benzo(k)fluoranthene		0.000100		**0.00208**	0.0020	0	104.2	73.3	133	02/20/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0024**	0.0020	0	119.0	55.2	189	02/20/2023
Chrysene		0.000100		**0.00213**	0.0020	0	106.4	72.1	131	02/20/2023
Dibenzo(a,h)anthracene		0.000200		**0.00230**	0.0020	0	114.9	69.1	144	02/20/2023
Di-n-butyl phthalate		0.0100	J	**0.0022**	0.0020	0	111.1	52.8	148	02/20/2023
Fluoranthene		0.000300		**0.00213**	0.0020	0	106.6	73.5	122	02/20/2023
Fluorene		0.000200		**0.00184**	0.0020	0	92.0	46.5	124	02/20/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00227**	0.0020	0	113.3	71.2	147	02/20/2023
m,p-Cresol		0.0100		**0.0176**	0.0200	0	88.2	55	96.3	02/20/2023
Naphthalene		0.000400		**0.00164**	0.0020	0	82.1	30.4	125	02/20/2023
o-Cresol		0.0100		**0.0178**	0.0200	0	88.9	58.1	92.8	02/20/2023
Phenanthrene		0.000600		**0.00203**	0.0020	0	101.4	63.7	118	02/20/2023
Pyrene		0.000200		**0.00208**	0.0020	0	104.1	69.5	126	02/20/2023
Surr: 2,4,6-Tribromophenol	*			**0.00199**	0.0020		99.4	32.3	170	02/20/2023
Surr: 2-Fluorobiphenyl	*			**0.000859**	0.0010		85.9	39.9	111	02/20/2023
Surr: 2-Fluorophenol	*			**0.00163**	0.0020		81.7	46.8	106	02/20/2023
Surr: Nitrobenzene-d5	*			**0.000810**	0.0010		81.0	44.3	106	02/20/2023
Surr: Phenol-d5	*			**0.00156**	0.0020		77.8	34.8	108	02/20/2023
Surr: p-Terphenyl-d14	*			**0.00116**	0.0010		116.1	58.2	153	02/20/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203084** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-203084

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00158**	0.0020	0	79.0	0.001795	12.71	02/20/2023
Acenaphthylene		0.000100		**0.00186**	0.0020	0	92.9	0.002099	12.14	02/20/2023
Anthracene		0.000300		**0.00176**	0.0020	0	88.2	0.001944	9.70	02/20/2023
Benzo(a)anthracene		0.000100		**0.00192**	0.0020	0	95.8	0.002098	9.08	02/20/2023
Benzo(a)pyrene		0.000200		**0.00205**	0.0020	0	102.7	0.002238	8.57	02/20/2023
Benzo(b)fluoranthene		0.000100		**0.00220**	0.0020	0	109.8	0.002369	7.57	02/20/2023
Benzo(g,h,i)perylene		0.000200		**0.00211**	0.0020	0	105.4	0.002319	9.49	02/20/2023
Benzo(k)fluoranthene		0.000100		**0.00189**	0.0020	0	94.7	0.002083	9.53	02/20/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	116.6	0.002380	0.00	02/20/2023
Chrysene		0.000100		**0.00193**	0.0020	0	96.5	0.002128	9.79	02/20/2023
Dibenzo(a,h)anthracene		0.000200		**0.00211**	0.0020	0	105.6	0.002298	8.49	02/20/2023
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	100.0	0.002222	0.00	02/20/2023
Fluoranthene		0.000300		**0.00189**	0.0020	0	94.4	0.002133	12.16	02/20/2023
Fluorene		0.000200		**0.00165**	0.0020	0	82.4	0.001840	10.98	02/20/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00206**	0.0020	0	103.1	0.002266	9.42	02/20/2023
m,p-Cresol		0.0100		**0.0166**	0.0200	0	82.9	0.01764	6.16	02/20/2023
Naphthalene		0.000400		**0.00142**	0.0020	0	71.2	0.001642	14.26	02/20/2023
o-Cresol		0.0100		**0.0167**	0.0200	0	83.3	0.01778	6.47	02/20/2023
Phenanthrene		0.000600		**0.00185**	0.0020	0	92.7	0.002028	8.95	02/20/2023
Pyrene		0.000200		**0.00185**	0.0020	0	92.7	0.002082	11.58	02/20/2023
Surr: 2,4,6-Tribromophenol	*			**0.00136**	0.0020		68.0			02/20/2023
Surr: 2-Fluorobiphenyl	*			**0.000601**	0.0010		60.1			02/20/2023
Surr: 2-Fluorophenol	*			**0.00113**	0.0020		56.5			02/20/2023
Surr: Nitrobenzene-d5	*			**0.000565**	0.0010		56.5			02/20/2023
Surr: Phenol-d5	*			**0.00108**	0.0020		53.9			02/20/2023
Surr: p-Terphenyl-d14	*			**0.000760**	0.0010		76.0			02/20/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203142** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-203142

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						02/22/2023
Acenaphthylene		0.000100		**ND**						02/22/2023
Anthracene		0.000300		**ND**						02/22/2023
Benzo(a)anthracene		0.000100		**ND**						02/22/2023
Benzo(a)pyrene		0.000200		**ND**						02/22/2023
Benzo(b)fluoranthene		0.000100		**ND**						02/22/2023
Benzo(g,h,i)perylene		0.000200		**ND**						02/22/2023
Benzo(k)fluoranthene		0.000100		**ND**						02/22/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						02/22/2023
Chrysene		0.000100		**ND**						02/22/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						02/22/2023
Di-n-butyl phthalate		0.0100		**ND**						02/22/2023
Fluoranthene		0.000300		**ND**						02/22/2023
Fluorene		0.000200		**ND**						02/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						02/22/2023
m,p-Cresol		0.0100		**ND**						02/22/2023
Naphthalene		0.000400		**ND**						02/22/2023
o-Cresol		0.0100		**ND**						02/22/2023
Phenanthrene		0.000600		**ND**						02/22/2023
Pyrene		0.000200		**ND**						02/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00140**	0.0020		70.1	32.3	170	02/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000755**	0.0010		75.5	39.9	111	02/22/2023
Surr: 2-Fluorophenol	*			**0.00134**	0.0020		67.0	46.8	106	02/22/2023
Surr: Nitrobenzene-d5	*			**0.000749**	0.0010		74.9	44.3	106	02/22/2023
Surr: Phenol-d5	*			**0.00134**	0.0020		67.2	34.8	108	02/22/2023
Surr: p-Terphenyl-d14	*			**0.000961**	0.0010		96.1	58.2	153	02/22/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203142** **SampType:** **LCS** Units **mg/L**

SampID: LCS-203142

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00157**	0.0020	0	78.6	37.4	125	02/22/2023
Acenaphthylene		0.000100		**0.00179**	0.0020	0	89.7	44	132	02/22/2023
Anthracene		0.000300		**0.00165**	0.0020	0	82.7	55.8	117	02/22/2023
Benzo(a)anthracene		0.000100		**0.00187**	0.0020	0	93.3	68	112	02/22/2023
Benzo(a)pyrene		0.000200		**0.00195**	0.0020	0	97.4	59.2	118	02/22/2023
Benzo(b)fluoranthene		0.000100		**0.00215**	0.0020	0	107.3	67.9	113	02/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00181**	0.0020	0	90.6	33.6	173	02/22/2023
Benzo(k)fluoranthene		0.000100		**0.00186**	0.0020	0	93.2	73.3	133	02/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0026**	0.0020	0	127.9	55.2	189	02/22/2023
Chrysene		0.000100		**0.00183**	0.0020	0	91.5	72.1	131	02/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00190**	0.0020	0	94.9	69.1	144	02/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	105.2	52.8	148	02/22/2023
Fluoranthene		0.000300		**0.00181**	0.0020	0	90.5	73.5	122	02/22/2023
Fluorene		0.000200		**0.00157**	0.0020	0	78.5	46.5	124	02/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00178**	0.0020	0	89.0	71.2	147	02/22/2023
m,p-Cresol		0.0100		**0.0168**	0.0200	0	83.9	55	96.3	02/22/2023
Naphthalene		0.000400		**0.00150**	0.0020	0	74.8	30.4	125	02/22/2023
o-Cresol		0.0100		**0.0167**	0.0200	0	83.7	58.1	92.8	02/22/2023
Phenanthrene		0.000600		**0.00177**	0.0020	0	88.4	63.7	118	02/22/2023
Pyrene		0.000200		**0.00174**	0.0020	0	86.8	69.5	126	02/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00165**	0.0020		82.5	32.3	170	02/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000771**	0.0010		77.1	39.9	111	02/22/2023
Surr: 2-Fluorophenol	*			**0.00144**	0.0020		71.8	46.8	106	02/22/2023
Surr: Nitrobenzene-d5	*			**0.000786**	0.0010		78.6	44.3	106	02/22/2023
Surr: Phenol-d5	*			**0.00145**	0.0020		72.5	34.8	108	02/22/2023
Surr: p-Terphenyl-d14	*			**0.000960**	0.0010		96.0	58.2	153	02/22/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203142** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-203142

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00175**	0.0020	0	87.7	0.001573	10.89	02/22/2023
Acenaphthylene		0.000100		**0.00196**	0.0020	0	97.9	0.001793	8.76	02/22/2023
Anthracene		0.000300		**0.00179**	0.0020	0	89.4	0.001655	7.69	02/22/2023
Benzo(a)anthracene		0.000100		**0.00203**	0.0020	0	101.7	0.001865	8.64	02/22/2023
Benzo(a)pyrene		0.000200		**0.00217**	0.0020	0	108.4	0.001949	10.61	02/22/2023
Benzo(b)fluoranthene		0.000100	S	**0.00239**	0.0020	0	119.5	0.002146	10.73	02/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00199**	0.0020	0	99.5	0.001811	9.39	02/22/2023
Benzo(k)fluoranthene		0.000100		**0.00205**	0.0020	0	102.3	0.001865	9.27	02/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0033**	0.0020	0	166.2	0.002558	0.00	02/22/2023
Chrysene		0.000100		**0.00202**	0.0020	0	101.0	0.001830	9.80	02/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00193**	0.0020	0	96.4	0.001898	1.52	02/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0022**	0.0020	0	108.7	0.002103	0.00	02/22/2023
Fluoranthene		0.000300		**0.00207**	0.0020	0	103.3	0.001809	13.25	02/22/2023
Fluorene		0.000200		**0.00172**	0.0020	0	86.1	0.001570	9.26	02/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00198**	0.0020	0	99.1	0.001781	10.75	02/22/2023
m,p-Cresol		0.0100		**0.0178**	0.0200	0	88.9	0.01678	5.83	02/22/2023
Naphthalene		0.000400		**0.00171**	0.0020	0	85.3	0.001496	13.09	02/22/2023
o-Cresol		0.0100		**0.0179**	0.0200	0	89.6	0.01674	6.85	02/22/2023
Phenanthrene		0.000600		**0.00201**	0.0020	0	100.4	0.001769	12.67	02/22/2023
Pyrene		0.000200		**0.00199**	0.0020	0	99.5	0.001737	13.63	02/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00162**	0.0020		81.0			02/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000801**	0.0010		80.1			02/22/2023
Surr: 2-Fluorophenol	*			**0.00149**	0.0020		74.3			02/22/2023
Surr: Nitrobenzene-d5	*			**0.000809**	0.0010		80.9			02/22/2023
Surr: Phenol-d5	*			**0.00152**	0.0020		76.0			02/22/2023
Surr: p-Terphenyl-d14	*			**0.00101**	0.0010		100.7			02/22/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203142** **SampType:** **MS** Units **mg/L**

SampID: 23021036-019AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00173**	0.0020	0	86.7	28.3	133	02/22/2023
Acenaphthylene		0.000100		**0.00198**	0.0020	0	98.9	5	176	02/22/2023
Anthracene		0.000300		**0.00182**	0.0020	0	91.1	34.6	131	02/22/2023
Benzo(a)anthracene		0.000100		**0.00201**	0.0020	0	100.6	40.3	132	02/22/2023
Benzo(a)pyrene		0.000200		**0.00212**	0.0020	0	106.2	40.8	132	02/22/2023
Benzo(b)fluoranthene		0.000100		**0.00227**	0.0020	0	113.7	41.9	132	02/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00194**	0.0020	0	97.2	46	132	02/22/2023
Benzo(k)fluoranthene		0.000100		**0.00201**	0.0020	0	100.6	49.4	126	02/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0026**	0.0020	0	130.0	18.4	222	02/22/2023
Chrysene		0.000100		**0.00199**	0.0020	0	99.6	46.1	129	02/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00194**	0.0020	0	96.8	42.1	146	02/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0023**	0.0020	0	113.0	59.6	146	02/22/2023
Fluoranthene		0.000300		**0.00197**	0.0020	0	98.5	23.9	164	02/22/2023
Fluorene		0.000200		**0.00173**	0.0020	0	86.5	24.3	148	02/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00193**	0.0020	0	96.4	26.6	157	02/22/2023
m,p-Cresol		0.0100		**0.0181**	0.0200	0	90.6	5	156	02/22/2023
Naphthalene		0.000400		**0.00165**	0.0020	0	82.6	24.2	132	02/22/2023
o-Cresol		0.0100		**0.0182**	0.0200	0	90.8	38	113	02/22/2023
Phenanthrene		0.000600		**0.00192**	0.0020	0	95.8	36.6	139	02/22/2023
Pyrene		0.000200		**0.00217**	0.0020	0	108.5	14.6	169	02/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00151**	0.0020		75.7	10	179	02/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000687**	0.0010		68.7	21.4	142	02/22/2023
Surr: 2-Fluorophenol	*			**0.00134**	0.0020		67.0	10	157	02/22/2023
Surr: Nitrobenzene-d5	*			**0.000747**	0.0010		74.7	15	163	02/22/2023
Surr: Phenol-d5	*			**0.00122**	0.0020		61.1	10	162	02/22/2023
Surr: p-Terphenyl-d14	*			**0.000915**	0.0010		91.5	10	173	02/22/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203142** **SampType:** **MSD** Units **mg/L** RPD Limit **40**

SampID: 23021036-019AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00160**	0.0020	0	80.2	0.001734	7.77	02/22/2023
Acenaphthylene		0.000100		**0.00183**	0.0020	0	91.7	0.001978	7.56	02/22/2023
Anthracene		0.000300		**0.00174**	0.0020	0	87.0	0.001822	4.69	02/22/2023
Benzo(a)anthracene		0.000100		**0.00194**	0.0020	0	96.9	0.002012	3.75	02/22/2023
Benzo(a)pyrene		0.000200		**0.00204**	0.0020	0	101.8	0.002125	4.31	02/22/2023
Benzo(b)fluoranthene		0.000100		**0.00220**	0.0020	0	110.1	0.002275	3.25	02/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00185**	0.0020	0	92.3	0.001945	5.16	02/22/2023
Benzo(k)fluoranthene		0.000100		**0.00195**	0.0020	0	97.4	0.002012	3.18	02/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0028**	0.0020	0	139.7	0.002600	0.00	02/22/2023
Chrysene		0.000100		**0.00192**	0.0020	0	95.8	0.001992	3.96	02/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00186**	0.0020	0	93.0	0.001936	4.00	02/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	106.7	0.002260	0.00	02/22/2023
Fluoranthene		0.000300		**0.00189**	0.0020	0	94.6	0.001970	4.04	02/22/2023
Fluorene		0.000200		**0.00160**	0.0020	0	80.2	0.001730	7.53	02/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00183**	0.0020	0	91.7	0.001929	5.07	02/22/2023
m,p-Cresol		0.0100		**0.0176**	0.0200	0	88.2	0.01811	2.70	02/22/2023
Naphthalene		0.000400		**0.00152**	0.0020	0	75.8	0.001652	8.53	02/22/2023
o-Cresol		0.0100		**0.0175**	0.0200	0	87.5	0.01816	3.65	02/22/2023
Phenanthrene		0.000600		**0.00184**	0.0020	0	92.2	0.001916	3.84	02/22/2023
Pyrene		0.000200		**0.00198**	0.0020	0	98.8	0.002171	9.43	02/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00171**	0.0020		85.4			02/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000725**	0.0010		72.5			02/22/2023
Surr: 2-Fluorophenol	*			**0.00141**	0.0020		70.4			02/22/2023
Surr: Nitrobenzene-d5	*			**0.000776**	0.0010		77.6			02/22/2023
Surr: Phenol-d5	*			**0.00150**	0.0020		75.1			02/22/2023
Surr: p-Terphenyl-d14	*			**0.000989**	0.0010		98.9			02/22/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch 202997 **SampType:** MBLK Units µg/L

SampID: MBLK-AM230216A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						02/16/2023
Bromoform	*	2.0		**ND**						02/16/2023
Ethylbenzene	*	2.0		**ND**						02/16/2023
m,p-Xylenes	*	2.0		**ND**						02/16/2023
Methylene chloride	*	2.0		**ND**						02/16/2023
Naphthalene	*	5.0		**ND**						02/16/2023
o-Xylene	*	2.0		**ND**						02/16/2023
Toluene	*	2.0		**ND**						02/16/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						02/16/2023
Xylenes, Total	*	4.0		**ND**						02/16/2023
Surr: 1,2-Dichloroethane-d4	*			**50.0**	50.00		100.0	80	120	02/16/2023
Surr: 4-Bromofluorobenzene	*			**50.9**	50.00		101.8	80	120	02/16/2023
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.2	80	120	02/16/2023
Surr: Toluene-d8	*			**49.3**	50.00		98.6	80	120	02/16/2023

Batch 202997 **SampType:** LCS Units µg/L

SampID: LCS-AM230216A-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	90.9	78.5	119	02/16/2023
Bromoform	*	2.0		**48.0**	50.00	0	96.0	78.9	121	02/16/2023
Ethylbenzene	*	2.0		**46.6**	50.00	0	93.2	78.2	114	02/16/2023
m,p-Xylenes	*	2.0		**92.9**	100.0	0	92.9	77.2	116	02/16/2023
Methylene chloride	*	2.0		**45.4**	50.00	0	90.7	71.8	115	02/16/2023
Naphthalene	*	5.0		**50.2**	50.00	0	100.5	75.6	121	02/16/2023
o-Xylene	*	2.0		**45.8**	50.00	0	91.6	79.2	112	02/16/2023
Toluene	*	2.0		**45.6**	50.00	0	91.3	78.6	112	02/16/2023
trans-1,2-Dichloroethene	*	2.0		**45.3**	50.00	0	90.6	75.7	130	02/16/2023
Xylenes, Total	*	4.0		**139**	150.0	0	92.4	78.3	114	02/16/2023
Surr: 1,2-Dichloroethane-d4	*			**49.8**	50.00		99.7	80	120	02/16/2023
Surr: 4-Bromofluorobenzene	*			**49.2**	50.00		98.3	80	120	02/16/2023
Surr: Dibromofluoromethane	*			**50.0**	50.00		100.0	80	120	02/16/2023
Surr: Toluene-d8	*			**49.2**	50.00		98.5	80	120	02/16/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch 202997 **SampType:** LCSD Units µg/L RPD Limit 15.9

SampID: LCSD-AM230216A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**46.0**	50.00	0	92.0	45.45	1.22	02/16/2023
Bromoform	*	2.0		**49.6**	50.00	0	99.2	48.00	3.26	02/16/2023
Ethylbenzene	*	2.0		**47.5**	50.00	0	95.0	46.60	1.87	02/16/2023
m,p-Xylenes	*	2.0		**94.4**	100.0	0	94.4	92.88	1.63	02/16/2023
Methylene chloride	*	2.0		**46.6**	50.00	0	93.2	45.37	2.67	02/16/2023
Naphthalene	*	5.0		**51.9**	50.00	0	103.8	50.25	3.25	02/16/2023
o-Xylene	*	2.0		**47.0**	50.00	0	94.0	45.78	2.63	02/16/2023
Toluene	*	2.0		**46.2**	50.00	0	92.3	45.64	1.11	02/16/2023
trans-1,2-Dichloroethene	*	2.0		**46.2**	50.00	0	92.4	45.32	1.88	02/16/2023
Xylenes, Total	*	4.0		**141**	150.0	0	94.3	138.7	1.96	02/16/2023
Surr: 1,2-Dichloroethane-d4	*			**49.7**	50.00		99.4			02/16/2023
Surr: 4-Bromofluorobenzene	*			**50.0**	50.00		100.0			02/16/2023
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.8			02/16/2023
Surr: Toluene-d8	*			**49.0**	50.00		97.9			02/16/2023

Batch 203038 **SampType:** MBLK Units µg/L

SampID: MBLK-AM230216A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						02/16/2023
Bromoform	*	2.0		**ND**						02/16/2023
Ethylbenzene	*	2.0		**ND**						02/16/2023
m,p-Xylenes	*	2.0		**ND**						02/16/2023
Methylene chloride	*	2.0		**ND**						02/16/2023
Naphthalene	*	5.0	J	**0.7**						02/16/2023
o-Xylene	*	2.0		**ND**						02/16/2023
Toluene	*	2.0		**ND**						02/16/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						02/16/2023
Xylenes, Total	*	4.0		**ND**						02/16/2023
Surr: 1,2-Dichloroethane-d4	*			**51.1**	50.00		102.1	80	120	02/16/2023
Surr: 4-Bromofluorobenzene	*			**50.5**	50.00		101.0	80	120	02/16/2023
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.8	80	120	02/16/2023
Surr: Toluene-d8	*			**49.4**	50.00		98.8	80	120	02/16/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch 203038 **SampType:** LCS Units µg/L

SampID: LCS-AM230216A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**44.0**	50.00	0	88.1	78.5	119	02/16/2023
Bromoform	*	2.0		**45.8**	50.00	0	91.6	78.9	121	02/16/2023
Ethylbenzene	*	2.0		**45.0**	50.00	0	90.1	78.2	114	02/16/2023
m,p-Xylenes	*	2.0		**89.8**	100.0	0	89.8	77.2	116	02/16/2023
Methylene chloride	*	2.0		**44.5**	50.00	0	88.9	71.8	115	02/16/2023
Naphthalene	*	5.0	B	**50.4**	50.00	0	100.8	75.6	121	02/16/2023
o-Xylene	*	2.0		**44.4**	50.00	0	88.7	79.2	112	02/16/2023
Toluene	*	2.0		**44.0**	50.00	0	87.9	78.6	112	02/16/2023
trans-1,2-Dichloroethene	*	2.0		**44.4**	50.00	0	88.8	75.7	130	02/16/2023
Xylenes, Total	*	4.0		**134**	150.0	0	89.5	78.3	114	02/16/2023
Surr: 1,2-Dichloroethane-d4	*			**50.4**	50.00		100.8	80	120	02/16/2023
Surr: 4-Bromofluorobenzene	*			**50.1**	50.00		100.2	80	120	02/16/2023
Surr: Dibromofluoromethane	*			**49.5**	50.00		99.0	80	120	02/16/2023
Surr: Toluene-d8	*			**49.2**	50.00		98.5	80	120	02/16/2023

Batch 203038 **SampType:** MS Units µg/L

SampID: 23021036-006bMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**48.4**	50.00	0	96.8	72	120	02/16/2023
Ethylbenzene		1.00		**50.8**	50.00	0	101.7	74.8	115	02/16/2023
m,p-Xylenes		1.00		**53.4**	50.00	0	106.8	69.7	115	02/16/2023
o-Xylene		1.00		**50.6**	50.00	0	101.1	72.9	111	02/16/2023
Toluene		2.00		**49.1**	50.00	0	98.2	70.6	109	02/16/2023
Xylenes, Total		2.00		**104**	100.0	0	104.0	72.1	113	02/16/2023
Surr: 1,2-Dichloroethane-d4	*			**51.1**	50.00		102.3	80	120	02/16/2023
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4	80	120	02/16/2023
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.3	80	120	02/16/2023
Surr: Toluene-d8	*			**49.0**	50.00		98.0	80	120	02/16/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203038** **SampType:** **MSD** Units **µg/L** RPD Limit **20**

SampID: 23021036-006bMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**45.9**	50.00	0	91.8	48.40	5.32	02/16/2023
Ethylbenzene		1.00		**48.8**	50.00	0	97.6	50.83	4.10	02/16/2023
m,p-Xylenes		1.00		**52.6**	50.00	0	105.2	53.38	1.49	02/16/2023
o-Xylene		1.00		**49.0**	50.00	0	98.0	50.57	3.15	02/16/2023
Toluene		2.00		**48.0**	50.00	0	96.0	49.11	2.29	02/16/2023
Xylenes, Total		2.00		**102**	100.0	0	101.6	104.0	2.30	02/16/2023
Surr: 1,2-Dichloroethane-d4	*			**50.1**	50.00		100.1			02/16/2023
Surr: 4-Bromofluorobenzene	*			**50.1**	50.00		100.2			02/16/2023
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.7			02/16/2023
Surr: Toluene-d8	*			**48.8**	50.00		97.7			02/16/2023

Batch **203053** **SampType:** **MBLK** Units **µg/L**

SampID: MBLK-AM230217A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						02/17/2023
Bromoform	*	2.0		**ND**						02/17/2023
Ethylbenzene	*	2.0		**ND**						02/17/2023
m,p-Xylenes	*	2.0		**ND**						02/17/2023
Methylene chloride	*	2.0		**ND**						02/17/2023
Naphthalene	*	5.0		**ND**						02/17/2023
o-Xylene	*	2.0		**ND**						02/17/2023
Toluene	*	2.0		**ND**						02/17/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						02/17/2023
Xylenes, Total	*	4.0		**ND**						02/17/2023
Surr: 1,2-Dichloroethane-d4	*			**49.4**	50.00		98.8	80	120	02/17/2023
Surr: 4-Bromofluorobenzene	*			**50.2**	50.00		100.4	80	120	02/17/2023
Surr: Dibromofluoromethane	*			**49.7**	50.00		99.4	80	120	02/17/2023
Surr: Toluene-d8	*			**48.7**	50.00		97.4	80	120	02/17/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch 203053 **SampType:** LCS Units **µg/L**

SampID: LCS-AM230217A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**48.2**	50.00	0	96.5	78.5	119	02/17/2023
Bromoform	*	2.0		**50.9**	50.00	0	101.9	78.9	121	02/17/2023
Ethylbenzene	*	2.0		**49.8**	50.00	0	99.5	78.2	114	02/17/2023
m,p-Xylenes	*	2.0		**98.7**	100.0	0	98.7	77.2	116	02/17/2023
Methylene chloride	*	2.0		**48.4**	50.00	0	96.7	71.8	115	02/17/2023
Naphthalene	*	5.0		**53.8**	50.00	0	107.5	75.6	121	02/17/2023
o-Xylene	*	2.0		**49.0**	50.00	0	98.0	79.2	112	02/17/2023
Toluene	*	2.0		**48.4**	50.00	0	96.8	78.6	112	02/17/2023
trans-1,2-Dichloroethene	*	2.0		**48.3**	50.00	0	96.6	75.7	130	02/17/2023
Xylenes, Total	*	4.0		**148**	150.0	0	98.4	78.3	114	02/17/2023
Surr: 1,2-Dichloroethane-d4	*			**49.9**	50.00		99.8	80	120	02/17/2023
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.1	80	120	02/17/2023
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.5	80	120	02/17/2023
Surr: Toluene-d8	*			**49.0**	50.00		98.0	80	120	02/17/2023

Batch 203053 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-AM230217A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.0**	50.00	0	98.1	48.23	1.69	02/17/2023
Bromoform	*	2.0		**51.8**	50.00	0	103.6	50.94	1.67	02/17/2023
Ethylbenzene	*	2.0		**50.0**	50.00	0	100.1	49.75	0.58	02/17/2023
m,p-Xylenes	*	2.0		**100**	100.0	0	100.0	98.67	1.37	02/17/2023
Methylene chloride	*	2.0		**49.5**	50.00	0	99.1	48.37	2.39	02/17/2023
Naphthalene	*	5.0		**54.7**	50.00	0	109.4	53.75	1.75	02/17/2023
o-Xylene	*	2.0		**49.4**	50.00	0	98.9	48.98	0.95	02/17/2023
Toluene	*	2.0		**49.2**	50.00	0	98.3	48.42	1.52	02/17/2023
trans-1,2-Dichloroethene	*	2.0		**50.0**	50.00	0	99.9	48.32	3.36	02/17/2023
Xylenes, Total	*	4.0		**149**	150.0	0	99.7	147.6	1.23	02/17/2023
Surr: 1,2-Dichloroethane-d4	*			**49.9**	50.00		99.9			02/17/2023
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.3			02/17/2023
Surr: Dibromofluoromethane	*			**50.0**	50.00		99.9			02/17/2023
Surr: Toluene-d8	*			**48.6**	50.00		97.2			02/17/2023

Client: ERM **Work Order:** 23021036

Client Project: Ameren Taylorville 1st Qtr 2023 **Report Date:** 23-Feb-23

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

Batch **203053** **SampType:** **MS** Units **µg/L**

SampID: 23021036-019bMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**46.6**	50.00	0	93.2	72	120	02/17/2023
Ethylbenzene		1.00		**49.2**	50.00	0	98.4	74.8	115	02/17/2023
m,p-Xylenes		1.00		**52.6**	50.00	0	105.3	69.7	115	02/17/2023
o-Xylene		1.00		**49.6**	50.00	0	99.3	72.9	111	02/17/2023
Toluene		2.00		**48.1**	50.00	0	96.1	70.6	109	02/17/2023
Xylenes, Total		2.00		**102**	100.0	0	102.3	72.1	113	02/17/2023
Surr: 1,2-Dichloroethane-d4	*			**51.5**	50.00		103.0	80	120	02/17/2023
Surr: 4-Bromofluorobenzene	*			**50.3**	50.00		100.6	80	120	02/17/2023
Surr: Dibromofluoromethane	*			**50.7**	50.00		101.5	80	120	02/17/2023
Surr: Toluene-d8	*			**49.2**	50.00		98.4	80	120	02/17/2023

Batch **203053** **SampType:** **MSD** Units **µg/L** RPD Limit **20**

SampID: 23021036-019bMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**49.2**	50.00	0	98.4	46.61	5.37	02/17/2023
Ethylbenzene		1.00		**52.3**	50.00	0	104.7	49.21	6.15	02/17/2023
m,p-Xylenes		1.00		**55.6**	50.00	0	111.2	52.63	5.52	02/17/2023
o-Xylene		1.00		**52.2**	50.00	0	104.4	49.64	5.01	02/17/2023
Toluene		2.00		**50.8**	50.00	0	101.6	48.06	5.56	02/17/2023
Xylenes, Total		2.00		**108**	100.0	0	107.8	102.3	5.27	02/17/2023
Surr: 1,2-Dichloroethane-d4	*			**50.5**	50.00		101.0			02/17/2023
Surr: 4-Bromofluorobenzene	*			**50.8**	50.00		101.6			02/17/2023
Surr: Dibromofluoromethane	*			**50.6**	50.00		101.1			02/17/2023
Surr: Toluene-d8	*			**48.5**	50.00		97.0			02/17/2023

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 1st Qtr 2023

Work Order: 23021036

Report Date: 23-Feb-23

Carrier: Michael Abegg

Received By: ANC

Completed by: Timothy W. Mathis
On: 16-Feb-23

Reviewed by: Elizabeth A. Hurley
On: 16-Feb-23

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 1.2
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.

Two PAH containers are labeled as Dup-003, and no container was labeled as Dup-002. One vial was labeled as Dup-007. Michael Abegg identified the containers via e-mail. TWM/EAH 2/16/23

Trip Blank collection date and time will be reported as the received date and time (end of trip). - ehurley - 2/16/2023 5:00:50 PM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 23021036

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

Client: ERM
Address: 1968 Craig Road
City / State / Zip St. Louis, MO 63146
Contact: Matt Halley **Phone:** (314) 952-2760
E-Mail: matt.halley@erm.com **Fax:**

Samples on: [X] ICE [ ] BLUE ICE [ ] NO ICE 1.2 °C LTG# 3
Preserved in: [ ] LAB [ ] FIELD
FOR LAB USE ONLY
Lab Notes: zero headspace CNW 2/16
ERM Springfield project

Client Comments

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 1st Qtr 2023	M. Abeyn / C. Bernstein

Results Requested
[X] 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
23021036 001	GW-01-WG-20230215	2/15/23; 0845	1	2		X		X	X
002	GW-02-WG-20230215	2/15/23; 1120	1	2		X		X	X
003	GW-03-WG-20230215	2/15/23; 1015	1	2		X		X	X
004	GW-04R-WG-20230215	2/15/23; 1350	1	2		X		X	X
005	GW-05-WG-20230213	2/13/23; 1700	1	2		X		X	X
006	GW-07-WG-20230215	2/15/23; 1020	~~1~~ 3	~~2~~ 6		X		X	X
007	GW-14-WG-20230214	2/14/23; 1740	1	2		X		X	X
008	GW-15-WG-20230215	2/15/23; ~~1020~~ 1305	1	2		X		X	X
009	GW-16S-WG-20230213	2/13/23; 1215	1	2		X		X	X
010	GW-16D-WG-20230213	2/13/23; 1320	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	2/15/23; 1600	[signature]	2/15/23 1600

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: 78154

2/16 CNW

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 23021036

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

Client: ERM
Address: 1968 Craig Road
City / State / Zip St. Louis, MO 63146
Contact: Matt Halley **Phone:** (314) 952-2760
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☐ ICE ☐ BLUE ICE ☐ NO ICE ____ °C LTG# ____
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 1st Qtr 2023	M. Abegg / C. 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
23021036-011	GW-17 - WG-20230213	2/13/23; 1355	1	2		X		X	X
012	GW-18S - WG-20230214	2/14/23; 1350	1	2		X		X	X
013	GW-18D - WG-20230214	2/14/23; 1320	1	2		X		X	X
014	GW-19S - WG-20230214	2/14/23; 1200	1	2		X		X	X
015	GW-19D - WG-20230214	2/14/23; 1125	1	2		X		X	X
016	GW-20 - WG-20230214	2/14/23; 0930	1	2		X		X	X
017	GW-21 - WG-20230214	2/14/23; 0855	1	2		X		X	X
018	GW-22S - WG-20230214	2/14/23; 1555	1	2		X		X	X
019	GW-22D - WG-20230214	2/14/23; 1530	~~1~~ 3	~~2~~ 6		X		X	X
~~020~~	~~GW-24~~		1	2		~~X~~		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	2/15/23; 1600	Allison Cole	2/15 1600

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: 78154

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 23021034

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

Client: ERM
Address: 1968 Craig Road
City / State / Zip St. Louis, MO 63146
Contact: Matt Halley **Phone:** (314) 952-2760
E-Mail: matt.halley@erm.com **Fax:**

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

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

Client Comments
MS/MSD: GW-22D-WG-20230214
GW-7-WG-20230215

Project Name/Number	Sample Collector's Name
Ameren Taylorville 1st Qtr 2023	M. Abegg / C. Bernstein

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

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	UNP	HCl	Aqueous	Groundwater	Trip Blank	PAHs	VOCs
23021034-020	~~Dup 1~~ DUP-001-WG-20230214 (MS)	2/14/23; —	1	2		X		X	X
~~022~~ ~~021~~	Field Blank 1	2/14/23; 0800	1	2	X			X	X
~~023~~ ~~FB-IC~~ ~~022~~	~~Trip Blank 1~~ TB-001-WG-20230213	2/13/23; 1200		2			X		X
~~24~~ ~~023~~	~~Trip Blank 2~~ TB-002-WG-20230213	2/13/23; 1205		2			X		X
	~~Trip Blank 3~~			2			X		X
	~~Trip Blank 4~~			2			X		X
~~025~~ 024	~~Dup 2~~ DUP-002-WG-20230215 (MS)	2/15/23; —	1	2		X		X	X
~~026~~ ~~024~~	GW-25-WG-20230213	2/13/23; 1555	1	2		X		X	X
~~025~~ ~~023~~ ~~027~~	GW-26-WG-20230213	2/13/23; 1500	1	2		X		X	X
~~026~~ ~~024~~ ~~028~~	DUP-003-WG-20230215	2/15/23; —							

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	2/15/23; 1600	Allison Cole	2/15 1600

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: 78154

ATTACHMENT B – SUMMARY OF HISTORICAL ANALYTICAL RESULTS: 2015 - FEBRUARY 2023

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
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	< 0.002	< 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
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	< 0.0021	< 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
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	-	< 0.0001 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
Pyrene	mg/L	0.21	< 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
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 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
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/14/2017	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	< 0.002	**0.0013** J	< 0.006	< 0.006	**0.0017** JSR	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 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
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 B	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 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
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	< 0.0001 B	**0.00016** B	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 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
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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
NA = Not analyzed due to laboratory error.

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/10/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019	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
Acenaphthylene	mg/L	-	< 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	**8.8E-05 J**	< 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
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	**0.00006 J**
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
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	< 0.002	< 0.002	< 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
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	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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	-	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	**0.00089**	< 0.0002
Phenanthrene	mg/L	-	< 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	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002 B	< 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	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
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	< 1 B	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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< = 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.

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Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001 B	< 0.00022	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	**0.000074** J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	NA	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.00022	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001 B	< 7.4E-05	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0003	< 0.0004	< 0.0004	< 0.0004	NA	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.00044	< 0.0006	< 0.0006	**0.0007**	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 0.00015	< 0.0002	< 0.0002	< 0.0002	NA	< 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	**0.37** J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 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	**0.37** J

Notes:
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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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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
NA = Not analyzed due to laboratory error.

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022	Result 11/29/2022	Result 2/15/2023
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	< 0.0001	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 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	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	**0.48** J	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	**0.1** J
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016
Acenaphthene	mg/L	0.42	**0.0081 J**	**0.00053 J**	< 0.01	**0.0213**	**0.004 J**
Acenaphthylene	mg/L	-	**0.004 J**	**0.00065 J**	**0.0001 J**	**0.0163**	**0.0056 J**
Anthracene	mg/L	2.1	**0.00035 J**	**0.00019 J**	**0.00018 J**	**0.00036 J**	**0.00026 J**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00013 J**	< 0.0021
Fluorene	mg/L	0.28	**0.00039 J**	< 0.0021	< 0.0021	**0.0001 J**	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.00013 J**	**0.00011 J**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	**5.44**	< 0.6	**1.53**	**1.53**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/16/2017	Result 5/16/2017	Result 8/18/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	**0.00019 J**	**0.0053 J**	**0.0089 J**	< 0.01
Acenaphthylene	mg/L	-	**0.0004 J**	**0.00011 J**	**0.0019 J**	**0.0087 J**	**0.0103**	**0.00048 J**
Anthracene	mg/L	2.1	**0.00029 J**	**0.00026 J**	**0.00025 J**	**0.00036 J**	**0.0012 J**	**0.00057 J**
Benzo(a)anthracene	mg/L	0.00013	< 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
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	-	< 0.00076	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	---	**0.00229**	**0.00746**
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	< 0.0001	< 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	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00022 J**	**0.00019 J**
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00099 J**	**0.00012 J**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	-	**0.00023 J**	< 0.0064	< 0.0064	< 0.0064	**0.0018 J**	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.00009 J**	**0.00009 J**	**0.00029 J**	**0.00022 J**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**1.21**	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000323**	**0.000062 J**	**0.000791**	**0.000065 J**	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**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	**0.000056 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000059 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 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	**0.00006 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
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	**0.000118**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	-	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.000151**	**0.000155**	**0.000159**	**0.00012**	**0.00013 BJ**	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	< 2	< 2	< 2	**1.5 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.11 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	< 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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 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
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000169	< 0.000169	< 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
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 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
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000508	< 0.000508	< 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
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	**1.6 J**	< 2	< 2	< 2	< 2	< 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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The laboratory reporting detection limit is shown.
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 11/11/2020	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022
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	< 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	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 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	**0.000074 J**	< 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	< 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	< 0.002 C	**0.00364 C**	**0.00206**	**0.0195**	< 0.002 B	< 0.002	< 0.002	**0.0108 S**
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	< 0.0002	< 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	< 0.0001	< 0.0002	< 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	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	**0.35 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2 B	< 2	< 2	< 2	< 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	**0.35 J**	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 11/30/2022	Result (DUP) 11/30/2022	Result 2/15/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	**0.00008** J
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	**0.00043**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.00027
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00009
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.00018
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00009
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.00018
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00009
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00431**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00009
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.00018
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00896
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.00027
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	**0.00033**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.00018
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00896
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00896
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	**0.00448**
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.00054
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.00018
Benzene	µg/L	5.0	< 0.5	< 0.5	**1.23**
Bromoform	µg/L	1.0	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.53** J
m,p-Xylenes	µg/L	-	< 1	< 1	**0.36** J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.47** J	**0.46** BJ	**7.22**
o-Xylene	µg/L	-	< 1	< 1	**1.21**
Toluene	µg/L	1000	< 2	< 2	**0.15** J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**1.6** 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 B
Summary of Analytical Results
2015 - February 2023
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
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
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
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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007 J
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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
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
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
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
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
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
Benzene	µg/L	5.0	2.34	14.4	22.8	2.16	2 J	16.8	34.6	15.7
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2
Ethylbenzene	µg/L	700	0.29 J	7.44	4.89	0.46 J	0.58 J	4.46	11.6	6.24
m,p-Xylenes	µg/L	-	3.3 J	66.5	70	1.1 J	1.3 J	41.4	103	34.1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.7 B	< 0.2
Naphthalene	µg/L	140	50.6	216	334	20.5	20.5	302	921	439
o-Xylene	µg/L	-	3.62	41.4	48.1	1.8 J	2.11	45.6	95.3	36.7
Toluene	µg/L	1000	0.66 J	14	8.28	0.31 J	0.37 J	7.98	20.8	7.68
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5
Xylenes, Total	µg/L	10000	6.91	108	118	3 J	3.4 J	87	198	70.8

Notes:
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2016	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
Acenaphthene	mg/L	0.42	**0.001 J**	**0.00051 J**	**0.00022 J**	**0.0002 J**	**0.00068 J**	**0.00064 J**	**0.00027 J**	< 0.0001
Acenaphthylene	mg/L	-	**0.0044 J**	**0.0024 J**	**0.00084 J**	**0.00085 J**	**0.0028 J**	**0.0033 J**	**0.0015 J**	**0.000147**
Anthracene	mg/L	2.1	**0.00013 J**	< 0.0066	< 0.0066	< 0.0066	**0.00019 J**	**0.00022 J**	**0.00016 J**	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	< 0.0001	< 0.0001	**0.00007 J**	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 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
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	---	---	---	---	**0.0018 J**	**0.0021**	**0.0107**	< 0.006
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	< 0.0001	< 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	**0.00095 J**	**0.0011 J**	**0.0011 J**	**0.001 J**	**0.0019 J**	**0.0021 J**	**0.00225**	**0.00162**
Fluorene	mg/L	0.28	**0.0011 J**	**0.0006 J**	**0.0003 J**	**0.00035 J**	**0.001 J**	**0.0013 J**	**0.00059 J**	**0.000122**
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
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	**0.00038 J**	**0.0003 J**	< 0.0064	**0.00012 J**	**0.00082 J**	**0.00081 J**	< 0.0064	**0.000154**
Pyrene	mg/L	0.21	**0.0015 J**	**0.0017 J**	**0.0017 J**	**0.0016 J**	**0.00284**	**0.00325**	**0.00359**	**0.00279**
Benzene	µg/L	5.0	**14.5**	**6.65**	**4.52**	**4.92**	**18.7**	**20.8**	**4.99**	**0.75**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**5.39**	**0.76 J**	**0.3 J**	**0.32 J**	**11.8**	**14.3**	**0.72 J**	< 1
m,p-Xylenes	µg/L	-	**30.7**	**4.22**	**0.53 J**	**0.55 J**	**51.8**	**63.8**	**2.5 J**	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	**474**	**195**	**22.2**	**23.6**	**554**	**370**	**67.7**	**1.05**
o-Xylene	µg/L	-	**33.3**	**9**	**4.12**	**4.31**	**54.6**	**64.5**	**6.13**	< 1
Toluene	µg/L	1000	**6.74**	**0.83 J**	< 2	< 2	**21.6**	**26.8**	**0.92 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 2
Xylenes, Total	µg/L	10000	**64.1**	**13.2**	**4.65**	**4.86**	**106**	**128**	**8.6**	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/13/2019	Result 11/14/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000624	0.000792	0.00122
Acenaphthylene	mg/L	-	0.000072 J	0.000065 J	0.000143	0.000083 J	0.00018	0.00247	0.00229	0.00563
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000163	0.00013
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	0.000055 J	0.000096 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	0.000072 J	< 0.0001	< 0.0001	0.00006 J	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.00005 J	0.000101	< 0.0001	< 0.0001	0.000133	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0001	< 0.0002	0.00018 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00892	0.00306	< 0.002	0.00266	< 0.002	0.00655	0.00207	< 0.05
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	0.000076 J	< 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
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.000884	0.00109	0.00103	0.000901	0.000626	0.00089	0.000664	0.00101
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000828	0.00113	0.00244
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00031	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	0.00057 J	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	0.00094 J	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	0.542	0.00132	0.597
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.000653
Pyrene	mg/L	0.21	0.00034	0.00124	0.00155	0.00118	0.000953 B	0.00155	0.00109	0.00183
Benzene	µg/L	5.0	< 0.5	2.55	0.16 J	0.41 J	3.71	43.9	30.2	10.8
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Ethylbenzene	µg/L	700	< 1	0.2 J	< 1	< 1	0.14 J	23.8	7.3 J	3.81
m,p-Xylenes	µg/L	-	0.3 J	2.27	< 1	0.31 J	2.65	124	83.1	22.8
Methylene chloride	µg/L	5.0	0.33 J	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Naphthalene	µg/L	140	< 2	8.12	< 2	1.8 J	26.9	606	1020	674
o-Xylene	µg/L	-	0.31 J	3.45	0.13 J	1.02	5.56	112	86.8	28.6
Toluene	µg/L	1000	0.47 J	0.54 J	0.16 J	< 2	0.29 J	43.4	11 J	2.68
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Xylenes, Total	µg/L	10000	0.61 J	5.72	< 1	1.33	8.21	237	170	51.3

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/12/2020	Result 8/14/2020	Result 11/10/2020	Result 2/24/2021	Result (DUP) 2/24/2021	Result 5/13/2021	Result 8/11/2021
Acenaphthene	mg/L	0.42	0.000844	0.00117	0.00139	0.000473	0.00078	0.000795	0.000597	0.000938
Acenaphthylene	mg/L	-	0.00292	0.0042 J	0.00501	0.00183	0.00346	0.00309	0.00245	0.00292
Anthracene	mg/L	2.1	0.000154	0.00017 J	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	0.00024 J
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000164	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0109	< 0.00164 C	0.0461 C	< 0.002 C	0.00316	< 0.002	0.0018 J	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.000421	0.000306	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	0.00186	0.00274	0.00314	0.0012	0.00228	0.00235	0.00159	0.00262
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000081 J	< 0.000082	0.000071 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.0082	< 0.01	< 0.0100	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	0.153	0.521	0.587	0.128	0.239	0.181	0.202 S	0.157
Phenanthrene	mg/L	-	0.000613	0.000971	0.0011	0.000605	0.001080	0.000925	0.000769	0.00127
Pyrene	mg/L	0.21	0.000819	0.000661	0.000298	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	24	50.1	47.1	16.2	23.6	22.8	10.4	24.2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	12.7	42.6	40.5	21.6	32.4	31.6	12.5	37.9
m,p-Xylenes	µg/L	-	41.6	135	76	9.33	25.8	25.5	6.19	16.4
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	654	1000	842	924	421	425	285 E	511
o-Xylene	µg/L	-	52.2	124	107	31	41.7	40.7	15.7	38
Toluene	µg/L	1000	6.2	21.8	11.5	2.34	5.63	5.52	1.3 J	4.37
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	93.9	259	183	40.4	67.5	66.2	21.9	54.4

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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 11/9/2021	Result 2/16/2022	Result 5/12/2022	Result 9/8/2022	Result (DUP) 9/8/2022	Result 11/30/2022	Result 2/15/2023
Acenaphthene	mg/L	0.42	**0.000681**	**0.00064**	**0.00114**	**0.000699**	**0.000717**	**0.000207**	**0.00243**
Acenaphthylene	mg/L	-	**0.00242**	**0.00245**	**0.00419**	**0.00275**	**0.00276**	**0.00093**	**0.00427**
Anthracene	mg/L	2.1	**0.00023 J**	< 0.0003	**0.00025 J**	< 0.0003	< 0.0003	< 0.0003 S	< 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	< 0.0002	< 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	< 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	**0.0019 BJ**	**0.00277**	**0.0029**	**0.0018 J**	**0.0015 J**	< 0.002 S	**0.00314**
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	< 0.0002	< 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 S	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 S	< 0.0003
Fluorene	mg/L	0.28	**0.00178**	**0.00175**	**0.0029**	**0.00188**	**0.00184**	**0.000851**	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 S	< 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	**0.129**	**0.0873**	**0.329 S**	**0.114**	**0.133**	**0.0112 S**	**0.0004 J**
Phenanthrene	mg/L	-	**0.000785**	**0.000776**	**0.00143**	**0.00109**	**0.00103**	< 0.0006 S	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 S	< 0.0002
Benzene	µg/L	5.0	**11.2**	**13.3**	**24.6**	**8.58**	**11**	**2.46 S**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 20	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**13.2**	**15.9**	**27.7**	**9.77**	**15**	**0.4 JS**	< 1
m,p-Xylenes	µg/L	-	**3.16**	**3.42**	**31.9**	**1.57**	**2.01**	**0.32 JS**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 20	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**224**	**161**	**375**	**143**	**192**	**13.3**	**0.54 J**
o-Xylene	µg/L	-	**13.8**	**12.5**	**40.2**	**8.35**	**11**	**1.51 S**	< 1
Toluene	µg/L	1000	**2** J	**1.1** J	**9.3 J**	**0.74 J**	**1 J**	**0.14 JS**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 20	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**17**	**15.9**	**72.1**	**9.92**	**13**	**1.8 JS**	< 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 B
Summary of Analytical Results
2015 - February 2023
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
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
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
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
Benzo(a)anthracene	mg/L	0.00013	0.00022	0.00014	0.00024	0.00013	0.00016	0.0001 J	0.00012	0.00016
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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
Fluoranthene	mg/L	0.28	0.0018 J	0.00242	0.00402	0.0018 J	0.00261	0.0018 J	0.00228	0.00357
Fluorene	mg/L	0.28	0.02	0.0239	0.0461	0.035	0.0396	0.0384	0.0467	0.0559
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
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
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
Benzene	µg/L	5.0	1270	1380	400	947	526	1110	547	519
Bromoform	µg/L	1.0	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 2
Ethylbenzene	µg/L	700	137	148	122	156	154	191	139	169
m,p-Xylenes	µg/L	-	75.7	101	68.9	79.3	81	144	108	124
Methylene chloride	µg/L	5.0	< 2	2.6	2.2	< 2	3.2	33.8 B	7.2	0.2
Naphthalene	µg/L	140	1350	1500	3140	2050	2480	2330	3390	2240
o-Xylene	µg/L	-	125	130	122	131	132	139	122	147
Toluene	µg/L	1000	138	191	131	219	165	518	301	249
trans-1,2-Dichloroethene	µg/L	100	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 5
Xylenes, Total	µg/L	10000	200	231	191	210	213	282	230	271

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-04 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 8/14/2018	Result 11/7/2018
Acenaphthene	mg/L	0.42	0.0054 J	0.0045 J	0.00789	0.00727	0.00737	0.0077	0.0139	0.0109
Acenaphthylene	mg/L	-	0.0053 J	0.0037 J	0.00633	0.00302	0.00178	0.00337	0.00913	0.0047
Anthracene	mg/L	2.1	0.0016 J	0.001 J	0.0013 J	0.000558	0.000714	0.000411	0.00108	< 0.0025
Benzo(a)anthracene	mg/L	0.00013	0.00017	0.000121	0.000164	0.00017	0.00022	0.000117	0.00018	< 0.0025
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025
Benzo(b)fluoranthene	mg/L	0.00018	0.00012	< 0.0001	0.00011	0.000168	0.000215	0.000106	0.000162	< 0.0025
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	0.000071 J	< 0.0001	0.000052 J	< 0.0025
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0025
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	< 0.002	0.0017 J	< 0.006	< 0.002	< 0.002	< 0.002	< 0.05
Chrysene	mg/L	0.0015	0.00028	0.000207	0.000288	0.000515	0.000732	0.000384	0.000554	< 0.0025
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---
Fluoranthene	mg/L	0.28	0.00237	0.0018 J	0.00404	0.00385	0.00305	0.00337	0.00392	< 0.005
Fluorene	mg/L	0.28	0.0447	0.0294	0.0513	0.039	0.0466	0.0374	0.0644	0.0505
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	0.000106	0.00008 J	< 0.0001	0.000084 J	< 0.0025
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.0313	0.0198	0.0453	0.0398	0.0247	0.0355	0.0513	0.0447
Pyrene	mg/L	0.21	0.0012 J	0.00084 J	0.0021 J	0.00181	0.00156	0.00168	0.00187	< 0.005
Benzene	µg/L	5.0	1680	1750	599	565	355	979	630	958
Bromoform	µg/L	1.0	< 100	< 100	< 100	< 100	< 20	< 20	< 40	< 200
Ethylbenzene	µg/L	700	200	260	145	128	70.9	103	132	182
m,p-Xylenes	µg/L	-	200 J	170 J	140 J	102	64.8	110	146	173
Methylene chloride	µg/L	5.0	< 10	< 10	< 10	50.5	< 5	< 20	< 40	< 200
Naphthalene	µg/L	140	1960	2120	2220	1790	1440	2670 E	3970	3680
o-Xylene	µg/L	-	169	183	131	104	59.7	94.5	132	151
Toluene	µg/L	1000	553	316	284	264	140	316	267	297
trans-1,2-Dichloroethene	µg/L	100	< 250	< 250	< 250	< 100	< 20	< 20	< 40	< 200
Xylenes, Total	µg/L	10000	368	352	276	206	124	205	278	324

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.
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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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µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result (DUP) 8/14/2019	Result 11/13/2019	Result (DUP) 11/13/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	0.0108	0.0252	0.0165	0.0161	0.0148	0.0251	0.0226	0.0133
Acenaphthylene	mg/L	-	0.00445	0.0073 J	0.00597	0.0049	0.00482	0.00739	0.0056 J	0.00336
Anthracene	mg/L	2.1	0.0018 J	0.00106	0.000475	0.000814	0.000711	0.00173	0.00146	0.000775
Benzo(a)anthracene	mg/L	0.00013	< 0.0025	0.000147	0.000108	0.000185	0.000131	0.000278	0.000302	0.000102
Benzo(a)pyrene	mg/L	0.0002	< 0.0025	< 0.0001	< 0.0001	0.000085 J	< 0.0001	< 0.01	0.000061 J	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0025	0.000164	0.000087 J	0.000191	0.000132	< 0.01	0.000315	0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0025	0.00005 J	< 0.0002	< 0.0002	< 0.0002	< 0.02	0.00017 J	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0025	0.000052 J	< 0.0001	< 0.0001	< 0.0001	< 0.01	0.000093 J	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.05	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0025	0.000419	0.000317	0.000353	0.000322	0.000795	0.000912	0.000284
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.01	0.000062 J	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	< 0.01	< 0.01	< 0.01	0.002 J	< 0.01
Fluoranthene	mg/L	0.28	< 0.005	0.00308	0.00283	0.00287	0.00278	0.00616	< 0.02	0.00349
Fluorene	mg/L	0.28	0.0507	0.0837	0.0519	0.0495	0.0434	0.0857	0.0788	0.0464
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0025	< 0.0001	< 0.0001	0.000178	0.000102	< 0.01	0.000166	0.000092 J
m,p-Cresol	mg/L	-	---	---	---	< 1	< 1	< 0.01	< 1	< 1
o-Cresol	mg/L	0.35	---	---	---	< 1	< 1	< 0.01	< 1	< 1
Naphthalene	mg/L	0.14	---	---	1.14	1.59	3.23	2.53	2.99	1.37
Phenanthrene	mg/L	-	0.045	0.0734	0.0406	0.0406	< 0.04	0.079	0.0674	0.0422
Pyrene	mg/L	0.21	< 0.005	0.0014 B	0.00128	0.0014	0.0013	0.00261	0.00308	0.00161
Benzene	µg/L	5.0	871	1300	753	590	618	495	506	535 S
Bromoform	µg/L	1.0	< 200	< 2	< 2	< 40	< 40	< 2	< 2	< 2
Ethylbenzene	µg/L	700	177	223	203	187	195	190	187	173
m,p-Xylenes	µg/L	-	155	276	247	149	156	156	157	159
Methylene chloride	µg/L	5.0	< 200	< 2	< 2	< 40	< 40	< 2	< 2	< 2
Naphthalene	µg/L	140	3690	4580	4190	3740	4050	3710	3790	3570
o-Xylene	µg/L	-	139	185	167	121	125	124	130	115
Toluene	µg/L	1000	281	728	537	308	324	244	243	312 S
trans-1,2-Dichloroethene	µg/L	100	< 200	< 2	< 2	< 40	< 40	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	294	461	414	270	281	280	287	274

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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	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	Result 8/12/2021
Acenaphthene	mg/L	0.42	0.0212	0.0284	0.0148	0.0175	0.026	0.026	0.022
Acenaphthylene	mg/L	-	< 0.000075	0.00407	0.00144	0.00147	0.00229	0.00303	0.00618
Anthracene	mg/L	2.1	< 0.000226	0.000868	0.000536	0.000792	0.000654	0.00109	0.000745
Benzo(a)anthracene	mg/L	0.00013	0.000086	0.000113	0.000142	0.000133	0.000186	0.000261	0.000158
Benzo(a)pyrene	mg/L	0.0002	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000059 J	< 0.0001	0.000139	0.000120	0.000229	0.000376	0.000125
Benzo(g,h,i)perylene	mg/L	-	< 0.00015	< 0.0002	0.00005 J	< 0.00020	< 0.00020	0.00019 J	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000075	< 0.0001	< 0.0001	< 0.0001	0.000077 J	0.000124	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000235	0.000313	0.000401	0.000334	0.000493	0.000747	0.000491
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00315	0.00366	0.00265	0.0029	0.00334	0.0045	0.00379
Fluorene	mg/L	0.28	0.0694	0.0777	0.0399	0.0607	0.0733	0.0735	0.0689
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000075	0.000073 J	< 0.0001	< 0.0002	< 0.0002	0.00018 J	< 0.0002
m,p-Cresol	mg/L	-	0.0017 J	0.0081 J	0.00075 J	0.0086 J	0.0164	0.022	0.007 J
o-Cresol	mg/L	0.35	< 0.752	0.0161	< 0.0100	0.0123	0.0209	0.0244	0.0095 J
Naphthalene	mg/L	0.14	1.69	1.89	1.50	1.53	1.82	1.86	1.62
Phenanthrene	mg/L	-	0.0537	0.0681	0.0383	0.0576	0.0674	0.0647	0.0562
Pyrene	mg/L	0.21	0.00141	0.00176	0.00143	0.00149	0.00143	0.00219	0.00184
Benzene	µg/L	5.0	739	450	399	632	341	775	652
Bromoform	µg/L	1.0	< 20	< 2	< 2	< 2	< 100	< 20	< 100
Ethylbenzene	µg/L	700	246	200	180	155	104	216	235
m,p-Xylenes	µg/L	-	204	192	168	165	80.5	158	135
Methylene chloride	µg/L	5.0	< 20	< 2	< 2	< 2	< 100	< 20	< 100
Naphthalene	µg/L	140	5560	4700 E	4130	2790	1510	3150	3020
o-Xylene	µg/L	-	154	135	192	140	67	137	108
Toluene	µg/L	1000	579	407	125	208	184	409	256
trans-1,2-Dichloroethene	µg/L	100	< 20	< 2	< 2	< 2	< 100	< 20	< 100
Xylenes, Total	µg/L	10000	358	327	359	304	148	295	243

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result - DUP 8/12/2021	Result 11/9/2021	Result 2/17/2022	Result - DUP 2/17/2022	Result 5/12/2022	Result - DUP 5/12/2022
Acenaphthene	mg/L	0.42	**0.0239**	**0.0274**	**0.0316**	**0.0348**	**0.0339**	**0.0437**
Acenaphthylene	mg/L	-	**0.00584**	**0.00531**	**0.00244**	**0.0029**	**0.00893**	**0.0101**
Anthracene	mg/L	2.1	**0.000691**	**0.00093**	**0.0012**	**0.000864**	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000173**	**0.000214**	**0.000104**	**0.000085 J**	< 0.0001	0.000115
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00012 J**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000192**	**0.000226**	< 0.0001	**0.000084 J**	< 0.0001	**0.000128**
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	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000501**	**0.000754**	**0.0002**	**0.000196**	**0.00013**	**0.00022**
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	**0.00404**	**0.00397**	**0.00375**	**0.00357**	**0.00289**	**0.00383**
Fluorene	mg/L	0.28	**0.0776**	**0.07**	**0.0906**	**0.0765**	**0.0847**	**0.104**
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	-	**0.0083 J**	< 0.01	**0.0023 J**	**0.0018 J**	**0.0046 J**	**0.0068 J**
o-Cresol	mg/L	0.35	**0.0074 J**	< 0.01	**0.0059 J**	**0.0035 J**	**0.058 J**	**0.008 J**
Naphthalene	mg/L	0.14	**1.75**	**2.43**	**1.82**	**1.82 J**	**2.77**	**3.54**
Phenanthrene	mg/L	-	**0.0609**	**0.0542**	**0.0801**	**0.075**	**0.0715**	**0.0888**
Pyrene	mg/L	0.21	**0.00184**	**0.0019**	**0.00177**	**0.00174**	**0.00131**	**0.00184**
Benzene	µg/L	5.0	**658**	**798**	**1150**	**1180**	**1100**	**1070**
Bromoform	µg/L	1.0	< 2	< 200	< 2	< 2	< 100	< 100
Ethylbenzene	µg/L	700	**243**	**331**	**476**	**500**	**312**	**330**
m,p-Xylenes	µg/L	-	**146**	**166**	**108**	**104**	**225**	**229**
Methylene chloride	µg/L	5.0	< 2	< 200	< 2	< 2	< 100	< 100
Naphthalene	µg/L	140	**3020**	**3520**	**2530**	**2620**	**3550**	**3350**
o-Xylene	µg/L	-	**118**	**178**	**241**	**244**	**176**	**184**
Toluene	µg/L	1000	**255**	**216**	**90.5**	**94.6**	**338**	**357**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 200	< 2	< 2	< 100	< 100
Xylenes, Total	µg/L	10000	**265**	**344**	**350**	**347**	**400**	**412**

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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 9/8/2022	Result 11/30/2022	Result 2/15/2023	Result - DUP-003 2/15/2023
Acenaphthene	mg/L	0.42	**0.0404**	**0.00135**	**0.0348**	**0.0334**
Acenaphthylene	mg/L	-	**0.00446**	**0.00447**	**0.00218**	**0.00195**
Anthracene	mg/L	2.1	**0.000749**	**0.00241**	**0.00093**	**0.00062**
Benzo(a)anthracene	mg/L	0.00013	**0.00009 J**	**0.00194**	**0.00015**	**0.00011**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	**0.00017 J**	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.00252**	**0.0001**	**0.00007 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	**0.000544**	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	**0.000697**	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.002 J**	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000241**	**0.00674**	**0.00051**	**0.00039**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	**0.000256**	< 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	**0.00414**	**0.021**	**0.00489**	**0.00457**
Fluorene	mg/L	0.28	**0.0853**	**0.0841**	**0.08**	**0.0801**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	**0.000588**	< 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	**2.8**	**1.5**	**1.83**	**1.86**
Phenanthrene	mg/L	-	**0.0799**	**0.142**	**0.0722**	**0.0735**
Pyrene	mg/L	0.21	**0.00176**	**0.0124**	**0.00208**	**0.00203**
Benzene	µg/L	5.0	**670**	**895**	**609**	**612**
Bromoform	µg/L	1.0	< 20	< 2	< 10	< 0.2
Ethylbenzene	µg/L	700	**249**	**304**	**250**	**250**
m,p-Xylenes	µg/L	-	**112**	**56.6**	**63.5**	**64.5**
Methylene chloride	µg/L	5.0	< 20	< 20	< 100	< 2
Naphthalene	µg/L	140	**3540**	**2340**	**2380**	**2490**
o-Xylene	µg/L	-	**157**	**187**	**136**	**148**
Toluene	µg/L	1000	**104**	**100**	**72 J**	**70.8**
trans-1,2-Dichloroethene	µg/L	100	< 20	< 20	< 100	< 2
Xylenes, Total	µg/L	10000	**269**	**243**	**199**	**213**

Notes:
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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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0195**	**0.00664**	**0.0163**	**0.0089**	**0.00718**	**0.00763**
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	< 0.0001	< 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	< 0.0021	< 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
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	< 0.0064	< 0.0064	**0.0001 J**
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 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
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result (DUP) 8/18/2016	Result 11/16/2016
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066
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	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00558**	**0.00351**	---	---	---	---
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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 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
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	**6.55**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
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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
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	**0.00861**	**0.011**	**0.013**	**0.00907**	**0.0218**
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	< 0.0001	< 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	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.0001 J**	< 0.0001 B	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 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
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	**0.00013** B	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.0001	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1

Notes:
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Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 5/9/2018	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.00008 J**	< 0.0001	**0.000051 J**	< 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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.000094 J**	< 0.0001	**0.000197**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.000079 J**	< 0.0001	**0.000097 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000066 J**	< 0.0001	**0.000206**	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	**0.000045 J**	< 0.0001	**0.000084 J**	< 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	**0.0122**	**0.00256**	**0.00287**	**0.0049**	**0.0103**	**0.00671**	**0.0089**
Chrysene	mg/L	0.0015	< 0.0001	**0.000062 J**	< 0.0001	**0.000268**	< 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
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	**0.000204**	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	**0.000141**	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000088 J**	< 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	**0.00021**	**0.0004**
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0002	**0.00017 BJ**	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	**0.41 J**	< 0.5	< 0.5	**0.22 J**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	**0.31 J**	< 1	< 1	**0.2 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	**0.35 J**	< 1	< 1	**0.19 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.81 J**	< 2	**35.9**	< 2	**0.49 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.23 J**	< 1	< 1	**0.13 J**
Toluene	µg/L	1000	< 2	< 2	< 2	**0.4 J**	< 2	< 2	**0.17 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	**0.58 J**	< 2	< 2	**0.32 J**

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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
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Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020	Result (DUP) 8/13/2020	Result 11/11/2020	Result 2/24/2021	Result 5/11/2021
Acenaphthene	mg/L	0.42	**0.000056 J**	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.0101**	**0.00227 C**	**0.00286 C**	**0.00845 S**	**0.0087**	**0.00374**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	0.000158	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01 R	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.0100 SR	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.00366**	**0.00103**	< 0.0004	< 0.0004	**0.00159 S**	**0.00111**	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.000838**	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	**0.000221**	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.18 J**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	**0.25 J**	**0.22 J**	< 1
m,p-Xylenes	µg/L	-	**0.18 J**	< 1	< 1	< 1	**0.29 J**	**0.2 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**46.6**	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1	< 1	**0.17 JS**	**0.14 J**	< 1
Toluene	µg/L	1000	**0.17 J**	< 2	< 2	< 2	< 2	**0.12 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.29 J**	< 2	< 2	< 2	**0.46 J**	**0.34 J**	< 2

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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result 11/9/2021	Result 2/15/2022	Result 5/10/2022	Result 9/7/2022	Result 11/29/2022	Result 2/13/2023
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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000075 J**	< 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	< 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	**0.00627**	**0.00213 B**	< 0.0002	< 0.0002	**0.0017 J**	< 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	< 0.0002	< 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
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	< 0.0002	< 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
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	**0.00194**	< 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 B	< 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	< 0.2
Ethylbenzene	µg/L	700	< 1	**1.21**	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	**0.99 J**	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 H	< 2	**1 J**	< 1	**1 J**	**0.49 BJ**
o-Xylene	µg/L	-	< 1	**0.74 J**	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.3 J**	< 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	**1.7 J**	< 2	< 2	< 2	< 2	< 2

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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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Attachment B
Summary of Analytical Results
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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
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 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
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**
Benzo(a)anthracene	mg/L	0.00013	**0.0002**	**0.00026**	**0.00019**	**0.0002**	**0.00018**	**0.00018**	**0.00018**	**0.00015**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 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
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**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 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
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**
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**
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
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
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**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**1.47**	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
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J = Analyte detected below quantitation limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 8/17/2016	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	**0.00013 J**	< 0.0001	**0.000144**	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	**0.00011 J**	**0.00019 J**	**0.00019 J**	**0.000229**	**0.00034**	**0.000244**
Anthracene	mg/L	2.1	< 0.0066	**0.00063 J**	**0.00078 J**	**0.00091 J**	**0.0012 J**	**0.00179**	**0.00308**	**0.00198**
Benzo(a)anthracene	mg/L	0.00013	**0.00007 J**	**0.00015**	**0.00019**	**0.0002**	**0.000188**	**0.000192**	**0.000301**	**0.000203**
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.015**	**0.0149**	< 0.006	**0.00692**	**0.00796**
Chrysene	mg/L	0.0015	< 0.0001	**0.00008 J**	**0.0001**	**0.000148**	**0.000159**	**0.000144**	**0.000222**	**0.000133**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00075 J**	**0.001 J**	**0.0013 J**	**0.0016 J**	**0.00199**	0.0032	**0.00228**
Fluorene	mg/L	0.28	< 0.0021	**0.0002 J**	**0.0002 J**	**0.00036 J**	**0.00033 J**	**0.000376**	**0.000595**	**0.000427**
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
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	**0.000233**	**0.000096 J**	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.0011 J**	**0.0014 J**	**0.0018 J**	**0.0021 J**	**0.00259**	**0.00466**	**0.00336**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 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	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/6/2018	Result 2/18/2019	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	**0.000137**	**0.000149**	**0.000111**	**0.000136**	**0.000078 J**	**0.000086 J**	**0.000099 J**	**0.000077 J**
Acenaphthylene	mg/L	-	**0.000282**	**0.00027**	**0.000266**	**0.000253**	**0.000142**	**0.000135**	**0.000186**	**0.000116**
Anthracene	mg/L	2.1	**0.00215**	**0.00164**	**0.00218**	**0.00186**	**0.00106**	**0.00101**	**0.000964 R**	**0.000877**
Benzo(a)anthracene	mg/L	0.00013	**0.000195**	**0.000224**	**0.0002**	**0.000225**	**0.000213**	**0.000189**	**0.000221**	**0.000164**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005 R	**0.000057 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.001 R	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0131**	**0.00353**	**0.00667**	**0.0019 J**	**0.00364 S**	**0.0048**	< 0.005 S	**0.011**
Chrysene	mg/L	0.0015	**0.000153**	**0.000135**	**0.000147**	**0.000145**	**0.000121**	**0.000145**	**0.000184**	**0.000116**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	**0.00258**	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00039**	**0.00204**	**0.0022**	**0.00214**	**0.00142**	**0.00137**	**0.00126**	**0.00113**
Fluorene	mg/L	0.28	< 0.0001	**0.000353**	**0.000397**	**0.000457**	**0.000249**	**0.000255**	**0.000284**	**0.000235**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005 SR	< 0.0001
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	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.00371**	**0.00281**	**0.00297 B**	**0.00312**	**0.00199**	**0.00194**	**0.00012 JSR**	**0.0016**
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.12 J**	< 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	**6.88**	< 2 B	< 2	< 2	< 2	**6.07**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.12 J**	< 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	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

Notes:
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	**0.000063** J	**0.000071** J	**0.000076** J	**0.000076** J	**0.000118**	**0.000079** J	**0.000136**
Acenaphthylene	mg/L	-	**0.000098**	**0.000105**	**0.000142**	**0.000168**	**0.000117**	**0.000137**	**0.000186**
Anthracene	mg/L	2.1	**0.00069**	**0.000772**	**0.0012**	**0.00144**	**0.00119**	**0.00124**	**0.00146**
Benzo(a)anthracene	mg/L	0.00013	**0.000141**	**0.000168**	**0.000155**	**0.000119**	**0.000161**	**0.000186**	**0.000235**
Benzo(a)pyrene	mg/L	0.0002	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0022** C	**0.00202** C	**0.00655**	**0.00975**	**0.00732**	**0.00233**	**0.00403** S
Chrysene	mg/L	0.0015	**0.000101**	**0.00014**	**0.000112**	**0.000082** J	**0.000102**	**0.000122**	**0.00017**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000996**	**0.000951**	**0.00119**	**0.00131**	**0.00136**	**0.00146**	**0.00164**
Fluorene	mg/L	0.28	**0.000165**	**0.000205**	**0.000278**	**0.000295**	**0.000343**	**0.000305**	**0.00039**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000072	**0.000076** J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	**0.01**	< 0.01
Naphthalene	mg/L	0.14	< 0.000288	< 0.0004	< 0.0004	< 0.0004	**0.00329**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000432	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00152**	**0.0014**	**0.00185**	**0.00197**	**0.00227**	**0.00233**	**0.0026**
Benzene	µg/L	5.0	< 0.5	**0.51**	< 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	**0.12** J	< 1	< 1	< 1	**0.32** J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.54** J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.64** J	**1.4** J	< 2	**1.4** J	< 2	< 2 H
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.21** J
Toluene	µg/L	1000	< 2	**0.1** J	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.75** J

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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022	Result 11/29/2022	Result 2/15/2023
Acenaphthene	mg/L	0.42	**0.000183**	**0.000145**	**0.000118**	**0.00012**	**0.00018**
Acenaphthylene	mg/L	-	**0.000251**	**0.000149**	**0.00017**	**0.000179**	**0.0002**
Anthracene	mg/L	2.1	**0.00144**	**0.00153**	**0.00162**	**0.00144**	**0.00148**
Benzo(a)anthracene	mg/L	0.00013	**0.000185**	**0.000182**	**0.000212**	**0.000201**	**0.0002**
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	< 0.0001	< 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	**0.00290**	**0.00471**	**0.0015 J**	**0.00578**	**0.00331**
Chrysene	mg/L	0.0015	**0.000177**	**0.000163**	**0.000164**	**0.000157**	**0.00014**
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	**0.00147**	**0.00169**	**0.00154**	**0.00154**	**0.00127**
Fluorene	mg/L	0.28	**0.000516**	**0.000368**	**0.000331**	**0.000366**	**0.0004**
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	**0.00269**	< 0.0004	< 0.0004	< 0.0004	**0.00283 S**
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.0025**	**0.0030**	**0.0028**	**0.00281**	**0.0026**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5 S	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1 S	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.7 J**	**0.36 BJ**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1 S	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2 S	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2 S	< 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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.00227	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.00227	< 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
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
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
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
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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0018** J	**0.00214**	**0.00952**	**0.00738**	**0.00818**	**0.0154**	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00023	< 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
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
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 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
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
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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.00227	< 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
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 B	< 0.2	**0.22**
Naphthalene	µg/L	140	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.26** J	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 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
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	< 0.0001	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.0316**	**0.00962**	< 0.006	**0.0094**	**0.00367**	**0.0173**	**0.0126**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000031 J**	< 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	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.000095**	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 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	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.000182 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B
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	< 0.2	< 0.5	**0.2 J**	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	**1.4 J**	< 2	< 2	**2.89**
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	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000217	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 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	< 0.000072	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000145	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.00622**	**0.00583**	**0.0108**	**0.00417 C**	**0.0336 C**	**0.00766**
Chrysene	mg/L	0.0015	< 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	< 0.000072	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00725	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000217	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000145	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00725	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00725	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00029	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000435	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000145	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	**2.88**	< 2	**0.38 J**	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022
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	< 0.0002	< 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	< 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	**0.00935**	**0.00934**	**0.0139**	**0.0200 B**	**0.0016 J**	**0.0018 J**	**0.00578 S**
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	< 0.0002	< 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
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	< 0.0002	< 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
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	**0.38 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	**0.72 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.6 J**	**0.49 J**	< 2	**2.53**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.36 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	**0.19 J**	< 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	**1.1 J**	< 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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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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022		Result 2/14/2023	
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	**0.00304**		< 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		< 0.2	
Ethylbenzene	µg/L	700	< 1		**0.11**	**J**
m,p-Xylenes	µg/L	-	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	**0.62**	**J**	< 2	B
o-Xylene	µg/L	-	< 1		< 1	
Toluene	µg/L	1000	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2	

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

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076 S	< 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
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
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
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
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 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
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
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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	**0.38** J	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	**2.6**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.38** J	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.000064 J**
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	**0.000053 J**	**0.000076 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	**0.00006 J**	**0.00006 J**	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 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	< 0.0001	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.00335**	**0.00567**	< 0.006	**0.0111**	**0.00563**
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	< 0.0001	< 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	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00012 J**	< 0.0001	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000095 J**	**0.0001**	**0.000072 J**	**0.00011**
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
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	**0.000119**	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	**0.0001 J**	< 0.0001	**0.000066 J**	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**0.9**	< 2	< 2	**0.8 J**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1

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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020
Acenaphthene	mg/L	0.42	**0.000053 J**	< 0.0001	< 0.0001 S	**0.000055 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000063 J**	< 0.0001	**0.000063 JS**	**0.000069 J**	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< **0.0001 S**	**0.000052 J**	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000078 J**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0109**	**0.00274 SR**	**0.0039**	**0.00327**	**0.014**	**0.00331**	**0.00802**	< 0.002
Chrysene	mg/L	0.0015	< 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 S	< 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	< 0.0002	**0.00015 J**	< 0.0002 S	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	**0.000101**	< 0.0001	< 0.0001 S	**0.0001 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000085 J**
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	-	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	**0.000143**	< 0.0002 S	**0.00011 BJ**	< 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 B	< 2	< 2	**1.7 J**	< 2	< 2	**1.6 J**	**1.7 J**
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	< 1 B	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/13/2021	Result 8/12/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000074	< 0.0001	**0.000081 J**	< 0.0001	0.000063 J	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000074	< 0.0001	**0.000084 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000074	< 0.0001	**0.000069 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B
Chrysene	mg/L	0.0015	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000074	**0.000074 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000148	< 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	< 1	**0.16 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.43 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**1.1 J**	< 2	< 2	**1.6 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.13 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.56 J**

Notes:
B = Analyte detected in associated method blank
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 2/17/2022	Result - DUP 2/17/2022	Result 5/11/2022	Result 9/9/2022	Result 11/29/2022	Result 2/15/2023	Result - DUP 2/15/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000094** J	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000074** J	< 0.0001	**0.000077** J	< 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	< 0.0002	< 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	< 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	< 0.002	< 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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 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	**0.000287**	< 0.0002	**0.0001** J
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 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
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	**0.00366**	**0.00414**	< 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	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	**0.55** J	< 2 B	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.11** J	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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
Fluoranthene	mg/L	0.28	< 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
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
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
Pyrene	mg/L	0.21	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.62**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 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
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	< 0.0001	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00264**	**0.00446**	< 0.006	**0.0446**	**0.0293**	**0.0142**	< 0.002	**0.00774**
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	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 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	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.000133 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B
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	< 0.2	< 0.5	**0.34 J**	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	**0.7 J**	< 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	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/7/2019	Result 8/12/2019	Result 11/11/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000227	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00353**	**0.012**	**0.00454**	**0.0327**	**0.00207 C**	**0.00771 C**	**0.00589**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00758	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.000273**	< 0.0002	< 0.000227	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000152	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00758	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00758	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000303	**0.00164**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000455	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	**0.00011 J**	< 0.0002	< 0.000152	< 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 B	< 2	**1 J**	**1.1 J**	< 2	< 2	< 2 B	**0.43 J**
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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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023
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	< 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	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000076** J	< 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	< 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	**0.00203**	**0.0068**	**0.0016** J	**0.0016** J	**0.0019** J	**0.0024**	< 0.002	**0.0019** J
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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	**0.00057**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	**0.000992**	< 0.0002	< 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	< 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	**0.00255**	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000486**	< 0.0002	< 0.0002	< 0.0002 B	< 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	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.16** J	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.49** J	< 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	**1.2** J	< 2	< 2	< 2	**0.52** J	< 2 B
o-Xylene	µg/L	-	< 1	< 1	**0.12** J	< 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	**0.61** J	< 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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00263	< 0.00263	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.00026	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00026	< 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
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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.00026	< 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
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 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
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
Pyrene	mg/L	0.21	< 0.0027	< 0.00263	< 0.00263	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 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
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 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**
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/24/2016	Result 8/16/2016	Result 11/14/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	**0.00032 J**	< 0.0001
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	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
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	---	---	---	---	**0.0138**	**0.0019 J**	< 0.008
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	< 0.0001	< 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	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00021 J**	< 0.0001 B
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 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
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	**0.00011 J**	< 0.0064	**0.000124 B**
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	**0.00011 J**	< 0.0001 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	5.0	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.57 J**	**0.44 J**	**0.51 J**	**0.44 J**	**0.67 J**	**0.8 J**	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 2/14/2018	Result (DUP) 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result (DUP) 5/7/2019
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	< 0.0001	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00465**	**0.0438**	**0.00939**	**0.0035**	**0.00566**	**0.00573**	< 0.01 S	**0.00421**
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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	**0.23 J**	**0.22 J**	**0.41 J**	**0.56**	**0.71**	**0.71**	**0.77**
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	**0.2 J**	< 1
Methylene chloride	µg/L	5.0	< 0.5	**0.22 J**	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	**0.81 J**	**0.48 J**	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.12 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.56 J**	**0.53 J**	< 2	**0.39 J**	**0.3 J**	< 2	**0.13 J**	< 2
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**
Benzo(g,h,i)perylene	mg/L	-	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0141**	< 0.002	< 0.002	**0.012 C**	**0.00595 C**	**0.011 C**	**0.005**	**0.002 J**	**0.00206**
Chrysene	mg/L	0.0015	< 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	< 0.000074	< 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	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 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	< 0.000074	< 0.0001	< 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	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.00101**	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**0.3 J**	**0.11 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.15 J**
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	< 2	**0.79 J**	**0.83 J**	< 2	< 2	< 2 B	**0.34 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023
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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.0016** J	< 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	< 0.002	< 0.002	**0.00299**	**0.0017** J	< 0.002	< 0.002
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	< 0.0002	< 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	< 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	< 0.0004	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.38** J	**0.52**	**0.71**	**0.7**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**0.16** J	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.52** J	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.92** J	< 2	< 2	< 2	**0.51** J	< 2 B
o-Xylene	µg/L	-	**0.13** J	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	**0.13** J	< 2	**0.1** J	**0.12** J	< 2
Xylenes, Total	µg/L	10000	**0.65** J	< 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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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
Fluoranthene	mg/L	0.28	< 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
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
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
Pyrene	mg/L	0.21	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**0.5** J
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	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	
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	< 0.0066	< 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	< 0.0001	< 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	< 0.0001	< 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	---	**0.00225**	**0.00328**	< 0.006	< 0.002	**0.00742**	< 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	---	---	---	---	---	---	---	<
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	<
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 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	< 0.0064	< 0.0064	**0.00011 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	<
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 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	**0.48 J**	< 2	< 2	< 2	< 2	< 2	<
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	**0.61 J**	< 2 B	<
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2019	Result 11/12/2019
Acenaphthene	mg/L	0.42	0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.0001	< 0.0001
Anthracene	mg/L	2.1	0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.002	< 0.002
Chrysene	mg/L	0.0015	0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	0.01	< 0.01
Fluoranthene	mg/L	0.28	0.0002	< 0.0002
Fluorene	mg/L	0.28	0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	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
Phenanthrene	mg/L	-	0.0004	< 0.0004
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 2/18/2020	Result 5/12/2020	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000115**	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000055 J**	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000074 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00215**	**0.00257 C**	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002	0.00739	< 0.002
Chrysene	mg/L	0.0015	**0.000047 J**	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000288**	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000077	**0.000078 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00023**	< 0.000154	< 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	**0.12 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.53 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	**0.38 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**
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	**0.65 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
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023
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	< 0.0001	< 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	< 0.002	< 0.002	**0.00752**	< 0.002	**0.0144**
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 B	< 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	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.49 J**	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0011** J	< 0.002	**0.00211**	**0.0014** J	**0.0013** J	---
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	< 0.0001	< 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	< 0.0021	< 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
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.94**	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018
Acenaphthene	mg/L	0.42	< 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	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 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	**0.000118 S**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000132 S**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
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	---	---	---	**0.00827**	**0.0015 J**	< 0.006 S	**0.00347**	**0.00327**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000092 J**	< 0.0001 S	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 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	**0.000143**	< 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	< 0.0001	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 S	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 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	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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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< = 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 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	**0.000114**
Benzo(a)anthracene	mg/L	0.00013	< 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	< 0.005	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.01	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00433**	**0.00229**	**0.00265**	**0.0037**	**0.0118**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000051 J**	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 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
Fluorene	mg/L	0.28	< 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	< 0.005	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	**0.00011 J**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	**0.94 J**	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**0.52 J**	< 2	< 2	< 2	**0.52 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00309**	**0.00244 C**	**0.00299**	**0.00249**	**0.00329**	< 0.002	**0.00305**
Chrysene	mg/L	0.0015	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000078	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.39 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.39 J**

Notes:
B = Analyte detected in associated method blank
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result - DUP 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023
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 B	< 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	< 0.0002	< 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	< 0.002	< 0.002	< 0.002	**0.00228**	< 0.002	**0.00331**
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	< 0.0002	< 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	< 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	< 0.0004	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	**0.13 J**	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.45 J**	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	**0.48 J**	< 2 B
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.13 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.56 J**	< 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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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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	< 0.0021
Fluorene	mg/L	0.28	< 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
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
Pyrene	mg/L	0.21	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	**5.63**	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.3** J	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	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
Acenaphthylene	mg/L	-	< 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
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	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	---	**0.00679**	**0.00472**
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	< 0.0001	< 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	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00015 J**
Fluorene	mg/L	0.28	< 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
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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	**0.21 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
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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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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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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	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	Result 11/12/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 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	< 0.000556	< 0.0001	< 0.005
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00111	< 0.0002	< 0.01
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	< 0.006	**0.00371**	**0.00222**	**0.00371**	< 0.002	< 0.002	< 0.0111	**0.00517**	< 0.1
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00111	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 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	< 0.000556	< 0.0001	< 0.005
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.00111	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0001	**0.000108**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00222	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.00111	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.13 J**	< 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	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	**0.25 J**	**0.4 J**	**0.42 J**	< 2	**0.32 J**
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
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 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	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00559**	< 0.00155 C	< 0.002 C	**0.00331**	< 0.002	**0.0019** J	**0.00269**	< 0.002
Chrysene	mg/L	0.0015	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00775	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.00185**	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000155	< 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	**0.45** J	< 2	< 2	< 2 B	< 2	< 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	**0.21** J	< 2	**0.13** J	< 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
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023
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 B	< 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	< 0.0002	< 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	< 0.002	< 0.002	**0.00295**	**0.00284**	< 0.002	< 0.002
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	< 0.0002	< 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	< 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	< 0.0004	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	**0.13 J**	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.41 J**	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	**0.54 J**	< 2 B
o-Xylene	µg/L	-	**0.13 J**	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.54 J**	< 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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00071 H	< 0.0066	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00071 H	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00071 H	< 0.00076	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00595**	**0.0304 H**	**0.00871**	**0.00222**	**0.00259**	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.00071 H	< 0.0001	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	**0.00079 H**	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 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
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
Pyrene	mg/L	0.21	< 0.0027	< 0.00071 H	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	**0.45 J**	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result (DUP) 8/18/2017	Result 11/21/2017	Result 2/15/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0002	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0002	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.0109**	**0.00473**	**0.00579**	< 0.006	**0.0013** J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0002	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000112**	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 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	< 0.0002	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000175**	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0002	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	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	Result 11/13/2019	Result 2/19/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 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
Benzo(a)anthracene	mg/L	0.00013	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000051 J**	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00502**	**0.0149**	< **0.002**	**0.0146**	**0.00315**	**0.00632**	**0.0342**	**0.002 J**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000058 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
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	< 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	< 0.0002	< 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
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	-	---	---	---	---	---	---	< 0.01	< 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	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 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	< 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	< 2	< 2	**0.41 J**	< 2	< 2	< 2	< 2	**0.39 J**
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	**0.1 J**	**0.11 J**	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	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	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00156 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000156	< 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	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000156	< 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	< 1	**0.15 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.5 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 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	< 2	**0.61 J**	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result- DUP 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result - DUP 11/29/2022	Result 2/14/2023	Result - DUP 2/14/2023
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	< 0.0002	< 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	< 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	< 0.002	< 0.002	**0.00238**	< 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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 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	< 0.0002	< 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
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 B	< 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	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.5 J**	**0.46 BJ**	< 2 B	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207**	**0.00262**	**0.0023**	**0.0019** J	< 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	< 0.0001	< 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
Fluoranthene	mg/L	0.28	< 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
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
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
Pyrene	mg/L	0.21	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00452**	**0.00917**	**0.00917**	**0.00664**	**0.00352**	**0.00794**	< 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	< 0.0001	< 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	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 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
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	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 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
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result - DUP 5/13/2020	Result 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000213	< 0.000219	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0019** J	**0.00434**	**0.0232**	**0.00425**	< 0.002	< 0.00142 C	< 0.00146 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000213	< 0.000219	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000142	< 0.000146	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
m,p-Cresol	mg/L	-	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073	< 0.01
o-Cresol	mg/L	0.35	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073	< 0.01
Naphthalene	mg/L	0.14	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000284	< 0.000292	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000426	< 0.000438	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146	< 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	**0.37** J	< 2	< 2	< 2	< 2	< 2	< 2	**0.32** J
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	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 11/10/2020		Result - DUP 11/10/2020		Result 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		< 0.0001	< 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	B	< 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	< 0.0001	< 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
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	< 0.002	C	< 0.002	C	< 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
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	< 0.0001		< 0.0001		< 0.0002	< 0.0002	< 0.0002	< 0.0002		< 0.0002
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01	< 0.01	< 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	**0.13**	**J**	< 1
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	< 1	< 1	**0.5**	**J**	< 1
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	< 2	< 2	< 2		< 2
Naphthalene	µg/L	140	< 2	B	< 2	B	< 2	< 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	**0.62**	**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
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022		Result 9/7/2022		Result 11/29/2022		Result 2/14/2023	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		**0.00016**	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
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	< 0.002		**0.00391**		< 0.002		< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
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	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 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	
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	< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B	< 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		< 0.2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		**0.47**	**BJ**	< 2	B
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	**0.12**	**J**	< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2	

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

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	**0.00026**	< 0.0001	< 0.0001	< 0.0001	< 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
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
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	< 0.002	< 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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00011 J**	< 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
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
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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.00014 J**	**0.00019 J**	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 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
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/10/2018	Result 8/14/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.00007 J**	**0.000184**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00009 J**	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	**0.000086 J**	**0.000146**
Benzo(a)pyrene	mg/L	0.0002	**0.0001 J**	< 0.0001	< 0.0001	< 0.0001	**0.000214**	**0.000089 J**	**0.000178**	**0.000471**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000205**	**0.000074 J**	**0.000128**	**0.000364**
Benzo(g,h,i)perylene	mg/L	-	**0.00012 J**	< 0.00076	< 0.00076	< 0.00076	**0.000186**	**0.000138**	**0.000224**	**0.000513**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000064 J**	**0.000163**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	< 0.002	< 0.002	< 0.006	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000108**	< 0.0001	**0.000055 J**	**0.000223**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.000094 J**	**0.000165**	< 0.0002	< 0.0002	**0.00017 J**
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 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	**0.000321**	**0.000096 J**	**0.000244**	**0.000536**
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	**0.00014 BJ**	**0.000205**	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.000097 J**	**0.00018**	**0.000056 J**	**0.000135**	**0.000336**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.45 J**	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/14/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000111**	< 0.0001	**0.000106**	**0.000139**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000231	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000053 J**	**0.000087 J**	< 0.0001	**0.000129**	**0.000195**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.000052 J**	< 0.0001	**0.000082 J**	**0.000249**	**0.000107**	**0.000337**	**0.000648**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.00007 J**	**0.000214**	**0.000138**	**0.000283**	**0.000586**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	**0.000076 J**	< 0.0002	< 0.0002	**0.000279**	**0.00017 J**	**0.000366**	**0.000805**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.0001	**0.000099**	**0.000147**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00154 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000109**	< 0.0001	**0.00013**	**0.000245**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	**0.000138**
Di-n-butyl phthalate	mg/L	0.7	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000231	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.0001**	**0.000197**	**0.000148**	**0.000251**	**0.000537**
m,p-Cresol	mg/L	-	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.01
o-Cresol	mg/L	0.35	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.01
Naphthalene	mg/L	0.14	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000308	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000462	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**	**0.00016 J**	< 0.0002	**0.000239**	**0.000248**
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	< 2	< 2	< 2	< 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	< 1	< 1	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000155**	**0.000075** J	**0.000330**	**0.000509**	**0.000498**	**0.000229**	**0.00062**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000141**	< 0.000100	**0.000388**	**0.000671**	**0.000565**	**0.000316**	**0.000693**
Benzo(a)pyrene	mg/L	0.0002	**0.000505**	**0.000238**	**0.001350**	**0.002230**	**0.00193**	**0.000893**	**0.00224**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000342**	**0.000174**	**0.001070**	**0.001840**	**0.00173**	**0.000825**	**0.00198**
Benzo(g,h,i)perylene	mg/L	-	**0.000547**	**0.000243**	**0.001290**	**0.001970**	**0.00203**	**0.000894**	**0.00219**
Benzo(k)fluoranthene	mg/L	0.00017	**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 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000183**	**0.000073** J	**0.000548**	**0.000921**	**0.000754**	**0.000398**	**0.000937**
Dibenzo(a,h)anthracene	mg/L	0.0003	**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	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	**0.000342**	**0.000652**	**0.000616**	**0.000316**	**0.00069**
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	**0.000319**	< 0.000200	**0.000892**	**0.001470**	**0.0014**	**0.000611**	**0.00161**
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	**0.000328**	< 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
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	**0.47** J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**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
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022		Result 9/7/2022		Result 11/29/2022		Result 2/14/2023	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	**0.00008**	**J**	**0.0007**		**0.000363**		**0.00067**	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	**0.000088**	**J**	**0.000921**		**0.00046**		**0.00065**	
Benzo(a)pyrene	mg/L	0.0002	**0.000337**		**0.00271**		**0.00167**		**0.00282**	
Benzo(b)fluoranthene	mg/L	0.00018	**0.000258**		**0.0024**		**0.00128**		**0.0022**	
Benzo(g,h,i)perylene	mg/L	-	**0.000441**		**0.00283**		**0.00159**		**0.00261**	
Benzo(k)fluoranthene	mg/L	0.00017	**0.00008**	**J**	**0.000695**		**0.000393**		**0.00051**	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002		**0.0016**	**J**	< 0.002		< 0.002	
Chrysene	mg/L	0.0015	**0.000151**		**0.00118**		**0.000604**		**0.00094**	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		**0.00049**		**0.00023**		**0.00048**	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		**0.001**		**0.000582**		**0.00058**	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000345**		**0.00202**		**0.00107**		**0.00178**	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.0004		< 0.0004		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.01		< 0.01		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	**0.000208**	**B**	**0.00197**		**0.00112**		**0.00123**	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 0.2		< 0.2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		**0.47**	**BJ**	< 2	B
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		**0.16**	**J**
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2	

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

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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**
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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
Fluoranthene	mg/L	0.28	< 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
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
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
Pyrene	mg/L	0.21	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	**0.35 J**	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**2.51**	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.35 J**	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 11/16/2016	Result 2/15/2017	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
Acenaphthene	mg/L	0.42	< 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	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	**0.00016** J	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00007** J	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 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	< 0.0001	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.0019** J	**0.0015** J	< 0.006	**0.0013** J	< 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	< 0.0001	< 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	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00015** J	< 0.0021	**0.000107** B	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00011** J	< 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
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	**0.00018** J	< 0.0064	**0.000214** B	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.00012** J	< 0.0027	< 0.0001 B	**0.000041** J	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 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	< 0.1	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000214
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.000054 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.0001	< 0.0001	**0.000069 J**	< 0.000071
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	**0.000054 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000143
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	**0.000043 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00714
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000214
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000143
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000087 J**	< 0.000071
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00714
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00714
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000286
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000429
Pyrene	mg/L	0.21	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000143
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	< 2	< 2	< 2	< 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	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	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	< 0.0001	< 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	**0.000072 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	**0.00012 J**	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000123**	**0.000074 J**	< 0.000100	< 0.000100	**0.000132**	< 0.0001	**0.000076 J**
Benzo(g,h,i)perylene	mg/L	-	**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	< 0.0001	< 0.0001	< 0.0001	**0.000052 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00271 C**	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	**0.00212**
Chrysene	mg/L	0.0015	**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	< 0.0002	< 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	**0.000126**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 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	**0.00018 J**
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	**0.47 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.1 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.43 J**	< 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	**0.57 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
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022		Result 9/7/2022		Result 11/29/2022		Result 2/14/2023	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		**0.000109**		< 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	**0.0016**	J	< 0.002		**0.0015**	J	**0.0017**	J
Chrysene	mg/L	0.0015	< 0.0001		**0.000052**	J	< 0.0001		< 0.0001	
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	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 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	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.0004		< 0.0004		< 0.0004		< 0.01	
Naphthalene	mg/L	0.14	< 0.01		< 0.01		< 0.01		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B	< 0.0002	B	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 0.2		< 0.2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2	B	< 2	B
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
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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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 0.0208	< 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
Anthracene	mg/L	2.1	< 0.0138	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.00021	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00158	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00417	< 0.002	**0.0013** J	< 0.002	< 0.002	---
Chrysene	mg/L	0.0015	< 0.00021	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.00688	< 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
Fluorene	mg/L	0.28	< 0.00438	< 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
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
Pyrene	mg/L	0.21	< 0.00562	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**0.52** J	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
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	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
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	---	---	---	**0.0015 J**	**0.00399**	< 0.006
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	< 0.0001	< 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	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.0001**	< 0.0001
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 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	**0.000134**
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.29**	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 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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R = RPD outside accepted recovery limits
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	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
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	< 0.0001	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0017 J**	**0.00445**	**0.00264**	**0.00477**	< 0.002	< 0.002
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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002	**0.00015 J**	< 0.0002
Fluorene	mg/L	0.28	< 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
m,p-Cresol	mg/L	-	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.000035**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/14/2020	Result - DUP 5/14/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	**0.000637**	< 0.000231	< 0.000231
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000088** J	< 0.000077	< 0.000077
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000061** J	< 0.000077	< 0.000077
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000154	< 0.000154
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00455**	< 0.002	< 0.002	< 0.002	**0.00191** C	< 0.00154 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	**0.000084** J	< 0.000077	< 0.000077
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	**0.000524**	< 0.000231	< 0.000231
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154	< 0.000154
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000093** J	< 0.000077	< 0.000077
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769
Naphthalene	mg/L	0.14	**0.000203**	< 0.0002	< 0.0002	< 0.0002	< 0.000308	< 0.000308
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	**0.000695**	< 0.000462	< 0.000462
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	**0.000449**	< 0.000154	< 0.000154
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.5** J	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	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
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	**0.000071 J**	**0.00007 J**	< 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	**0.00279 C**	**0.00517**	**0.0017** J	**0.00472**	**0.00983**	**0.00753**	< 0.002 B
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	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 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	**0.14 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	**0.2 J**	< 1	< 1	**0.39 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.13 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	**0.33 J**	< 2	< 2	**0.39 J**

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result - DUP 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000068 J**	< 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	< 0.0002	< 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	**0.0016 BJ**	< 0.002	**0.00347**	< 0.002	< 0.002	< 0.002
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	< 0.0002	< 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	< 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	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 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
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	**0.11 J**	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.47 J**	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	**0.47 BJ**	< 2 B
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.12 J**	< 2	**0.22 J**	**0.25 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.58 J**	< 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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 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
Anthracene	mg/L	2.1	< 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
Benzo(a)pyrene	mg/L	0.0002	< 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
Benzo(g,h,i)perylene	mg/L	-	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0029**	**0.00494**	**0.00646**	**0.00803**	**0.0011** J	---	---
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	< 0.0001	< 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	< 0.0021
Fluorene	mg/L	0.28	< 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
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
Pyrene	mg/L	0.21	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 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
Naphthalene	µg/L	140	**0.73**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.25** J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.00006** J	< 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
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	< 0.0001	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	**0.00298**	**0.00913**	**0.00566**	< 0.006	**0.00529**	**0.00829**	**0.00939**
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	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000142**	< 0.0001	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 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	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000882**	< 0.0001	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1	< 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	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	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	Result 2/20/2020	Result 5/11/2020	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000242	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000161	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00579**	**0.00243**	**0.00215**	**0.0111**	**0.00834**	**0.00636**	< 0.002	< 0.00161	C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00806	
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000242	
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000161	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00806	
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00806	
Naphthalene	mg/L	0.14	---	---	---	**0.00126**	< 0.0002	< 0.0002	< 0.0002	< 0.000323	
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000484	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000161	
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	< 2	**2.86**	< 2	< 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	< 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
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	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		< 0.0001		< 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	< 0.0001		< 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	
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	< 0.002	C	< 0.002	C	< 0.002	< 0.002	< 0.002		< 0.002	B	< 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	< 0.0001		< 0.0001		< 0.0002	< 0.0002	< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01	< 0.01	< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.0004		< 0.01	< 0.01	< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.01		< 0.0004	< 0.0004	< 0.0004		**0.000955**		< 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		**0.52**	**1.2**	**0.45**	**J**	**0.21**	**J**	< 0.5	S
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	S
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	< 1	< 1		**0.43**	**J**	< 1	S
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	< 2	< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2	B	< 2	< 2	< 2		< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1	< 1	< 1		**0.11**	**J**	< 1	S
Toluene	µg/L	1000	< 2		< 2		< 2	< 2	< 2		< 2		< 2	S
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2	< 2	< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2	< 2	< 2		**0.54**	**J**	< 2	S

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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 5/10/2022		Result 9/6/2022		Result 11/28/2022		Result 2/14/2023	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
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	< 0.002		< 0.002		< 0.002		< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
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	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 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	
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	< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B	< 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		< 0.2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2	B	**0.59**	**J**
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		**0.11**	**J**	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2	

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

Attachment B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 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
Anthracene	mg/L	2.1	< 0.0001	< 0.000226	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000075	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000075	< 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
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00752	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 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
m,p-Cresol	mg/L	-	< 0.01	**0.00069** J	< 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
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.00015	< 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	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.45** J	< 2	< 2	< 2	< 2	< 2 B	**3.29**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2021	Result 8/11/2021	Result 11/8/2021	Result 2/15/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023
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	< 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	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 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	< 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	< 0.002	< 0.002	< 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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	**0.012 J**	< 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	< 0.0002	< 0.0002	< 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 B	< 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	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.11 J**	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.48 J**	< 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	< 2	< 2	< 2	< 2 B	**0.46 BJ**	< 2 B
o-Xylene	µg/L	-	< 1	< 1	**0.1 J**	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.4 J**	**0.29 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.58 J**	< 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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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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002	< 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
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 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
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 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
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	**0.52 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result 11/8/2021	Result 2/15/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023
Acenaphthene	mg/L	0.42	**0.000072** J	< 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	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000081** J	< 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	< 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	< 0.002	< 0.002	< 0.002	< 0.002	**0.0018** J	< 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	< 0.0002	< 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
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	**0.000215**	< 0.0002	< 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	< 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	**0.00429**	< 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 B	< 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	< 0.2
Ethylbenzene	µg/L	700	< 1	**0.15** J	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	**0.52** J	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2 B
o-Xylene	µg/L	-	< 1	**0.12** J	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.21** J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	**0.64** J	< 2	< 2	< 2	< 2	< 2

Notes:
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

G-101S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 5/10/2022	
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	B
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
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

G-102S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021		Result 5/10/2022	
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	**0.0019**	J	< 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	B
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

G-102D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 5/10/2022	Result - DUP 5/10/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001
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	< 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	**0.00085 J**	< 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 B	< 0.0002 B
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

G-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	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292	< 0.0004
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
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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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

G-103S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001
Anthracene	mg/L	2.1	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002
Chrysene	mg/L	0.0015	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003
Fluorene	mg/L	0.28	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002
m,p-Cresol	mg/L	-	< 0.01
o-Cresol	mg/L	0.35	< 0.01
Naphthalene	mg/L	0.14	< 0.0004
Phenanthrene	mg/L	-	< 0.0006
Pyrene	mg/L	0.21	< 0.0002
Benzene	µg/L	5.0	< 0.5
Bromoform	µg/L	1.0	< 2
Ethylbenzene	µg/L	700	< 1
m,p-Xylenes	µg/L	-	< 1
Methylene chloride	µg/L	5.0	< 2
Naphthalene	µg/L	140	< 2
o-Xylene	µg/L	-	< 1
Toluene	µg/L	1000	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2
Xylenes, Total	µg/L	10000	< 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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

G-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	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286	< 0.0004
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
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 B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

G-103D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001
Anthracene	mg/L	2.1	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002
Chrysene	mg/L	0.0015	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003
Fluorene	mg/L	0.28	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002
m,p-Cresol	mg/L	-	< 0.01
o-Cresol	mg/L	0.35	< 0.01
Naphthalene	mg/L	0.14	< 0.0004
Phenanthrene	mg/L	-	< 0.0006
Pyrene	mg/L	0.21	< 0.0002
Benzene	µg/L	5.0	< 0.5
Bromoform	µg/L	1.0	< 2
Ethylbenzene	µg/L	700	< 1
m,p-Xylenes	µg/L	-	< 1
Methylene chloride	µg/L	5.0	< 2
Naphthalene	µg/L	140	< 2
o-Xylene	µg/L	-	< 1
Toluene	µg/L	1000	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2
Xylenes, Total	µg/L	10000	< 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.
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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 B
Summary of Analytical Results
2015 - February 2023
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
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	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
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	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
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA	NA
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA	NA
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA	NA
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA
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	**0.21 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	0.29 J	< 1	< 1	**0.21 J**	**0.85 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	**0.67 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.11 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2	**1 J**

Notes:
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	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	Trip Blank 1 Result 5/12/2022	Trip Blank 2 Result 5/12/2022	Field Blank 1 Result 9/8/2022	Trip Blank 1 Result 9/8/2022
Acenaphthene	mg/L	0.42	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Acenaphthylene	mg/L	-	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Anthracene	mg/L	2.1	NA	< 0.0003	NA	NA	NA	NA	< 0.0003	NA
Benzo(a)anthracene	mg/L	0.00013	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Benzo(a)pyrene	mg/L	0.0002	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Benzo(b)fluoranthene	mg/L	0.00018	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Benzo(g,h,i)perylene	mg/L	-	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Benzo(k)fluoranthene	mg/L	0.00017	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	**0.002 BJ**	NA	NA	NA	NA	< 0.002	NA
Chrysene	mg/L	0.0015	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Di-n-butyl phthalate	mg/L	0.7	NA	< 0.01	NA	NA	NA	NA	< 0.01	NA
Fluoranthene	mg/L	0.28	NA	< 0.0003	NA	NA	NA	NA	< 0.0003	NA
Fluorene	mg/L	0.28	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
m,p-Cresol	mg/L	-	NA	< 0.01	NA	NA	NA	NA	< 0.01	NA
o-Cresol	mg/L	0.35	NA	< 0.0004	NA	NA	NA	NA	< 0.0004	NA
Naphthalene	mg/L	0.14	NA	< 0.01	NA	NA	NA	NA	< 0.01	NA
Phenanthrene	mg/L	-	NA	< 0.0006	NA	NA	NA	NA	< 0.0006	NA
Pyrene	mg/L	0.21	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
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	**0.2 J**	**0.12 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.93 J**	**0.37 J**	< 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	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	**0.19 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	**0.11 J**	< 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	**1.1 J**	**0.37 J**	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - February 2023
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	Field Blank 1 Result 11/30/2022	Trip Blank 1 Result 11/30/2022	Trip Blank 2 Result 11/30/2022	Field Blank 1 Result 2/14/2023	Trip Blank 1 Result 2/15/2023	Trip Blank 2 Result 2/15/2023
Acenaphthene	mg/L	0.42	< 0.0001	NA	NA	< 0.0001	NA	NA
Acenaphthylene	mg/L	-	< 0.0001	NA	NA	< 0.0001	NA	NA
Anthracene	mg/L	2.1	< 0.0003	NA	NA	< 0.0003	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	NA	NA	< 0.0001	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	NA	NA	< 0.0002	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	NA	NA	< 0.0001	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	NA	NA	< 0.0002	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	NA	NA	< 0.0001	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	NA	NA	< 0.002	NA	NA
Chrysene	mg/L	0.0015	< 0.0001	NA	NA	< 0.0001	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	NA	NA	< 0.0002	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.01	NA	NA	< 0.01	NA	NA
Fluoranthene	mg/L	0.28	< 0.0003	NA	NA	< 0.0003	NA	NA
Fluorene	mg/L	0.28	< 0.0002	NA	NA	< 0.0002	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	NA	NA	< 0.0002	NA	NA
m,p-Cresol	mg/L	-	< 0.01	NA	NA	< 0.01	NA	NA
o-Cresol	mg/L	0.35	< 0.0004	NA	NA	< 0.01	NA	NA
Naphthalene	mg/L	0.14	< 0.01	NA	NA	< 0.0004	NA	NA
Phenanthrene	mg/L	-	< 0.0006	NA	NA	< 0.0006	NA	NA
Pyrene	mg/L	0.21	< 0.0002	NA	NA	< 0.0002	NA	NA
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.46 BJ**	**0.46 BJ**	**0.78 J**	< **2 B**	< **2 B**	< **2 B**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	**1.1 J**	< 2	< 2	1.2 J	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
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