July 18, 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 Second Quarter, 2023 report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Second Quarter – 2023 Events

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

Third Quarter – 2023 Plans

- Collect Third quarter groundwater samples in August.

Problems Encountered or Anticipated Problems

- A power outage beginning June 30, 2023 caused disruption of the pump and treat system. Power was restored July 2, 2023.

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

We have treated 1,348,956,162 gallons of groundwater through the system since startup until the end of June 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, Environmental Support & Waste Management
Ameren Services

Attachments

Attachments

Pumping Summary and Treatment Plant Results (April - June)

Monitoring Well Location Map

Year 2023 Quarter 2 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
April 2023

DATE	TOTALIZER READING		FLOW	EXTRACTION WELL	Water Level East	Water Level West
Apr-23						
1	322,543,600		-	West	54	48
2	6,057,214	WSF	89,304	West	54	48
3	6,146,518	WSF	85,465	West	54	48
4	6,231,983	WSF	82,742	West	54	48
5	6,314,725	WSF	41,237	West	54	50
6	6,355,962	WSF	89,492	West	54	50
7	6,445,454	WSF	62,715	West	54	48
8	6,508,169	WSF	78,371	West	54	48
9	6,586,540	WSF	100,920	West	54	48
10	6,687,460	WSF	71,642	West	54	50
11	6,759,102	WSF	68,896	West	54	50
12	6,827,998	WSF	40,697	West	54	50
13	6,868,695	WSF	30	West	54	50
14	6,868,725	WSF	0	West	56	56
15	6,868,725	WSF	0	West	56	58
16	6,868,725	WSF	0	West	58	58
17	6,868,725	WSF	0	West	58	58
18	6,868,725	WSF	0	West	56	58
19	6,868,725	WSF	0	West	56	56
20	6,868,725	WSF	0	West	56	56
21	6,868,725	WSF	0	West	56	56
22	6,868,725	WSF	0	West	58	58
23	6,868,725	WSF	0	West	58	58
24	6,868,725	WSF	91,106	West	48	48
25	6,959,831	WSF	115,836	West	44	44
26	7,075,667	WSF	-	West	46	46
27	NM	WSF	-	West	46	46
28	7,245,597	WSF	68,599	West	48	48
29	7,314,196	WSF	78,009	West	48	48
30	7,392,205	WSF	97,553	West	48	48
May-23	7,489,758	WSF			56	50

NM = Not measured

Flow Data	**Gallons**
For Month	1,262,614
To Pond	0
Below Pond	1,262,614
Average	46,763
Maximum	115,836
Minimum	0
Total Through March	1,343,491,711
Total Through April	1,344,754,325

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	4/6/2023	4/1/2021
	Inoperable	4/26/2022	4/14/2022

Drum Disposal None

Notes:
System turned off for repairs on pre treatment filter pots from 4/13/2023 through 4/24/2023. System restarted on 4/24/2023 after repairs were completed.

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

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/5/2023		4/12/2023		4/19/2023	4/26/2023		Average	Maximum	
Lab pH		-	-	-	6.93	H	7.04	H	NS	7.01	H	6.99	7.04	H
Iron, Dissolved	mg/L	-	-	-	0.835		0.338		NS	0.781		0.651	0.835	
Iron, Total	mg/L	-	-	-	2.08		2.18		NS	1.74		2.00	2.18	
Acenaphthene	mg/L	-	-	0.42	0.0138		0.0070		NS	0.0140		0.0116	0.0140	
Acenaphthylene	mg/L	-	-	-	0.00579		0.000514		NS	0.00422		0.00351	0.00579	
Anthracene	mg/L	-	-	2.1	0.00262		0.00285		NS	0.00419		0.00322	0.00419	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000178**		**0.000163**		NS	**0.000287**		**0.000209**	**0.000287**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		NS	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		NS	0.000084	J	0.000084	0.000084	J
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000154		0.000141		NS	0.000245		0.000180	0.000245	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00210		0.00252		NS	0.00351		0.00271	0.00351	
Fluorene	mg/L	-	-	-	0.00696		0.00612		NS	0.00804		0.00704	0.00804	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.0014	J	ND		NS	0.0021	J	0.0018	0.0021	J
o-Cresol	mg/L	-	-	0.35	0.0084	J	0.0011	J	NS	0.0105		0.0067	0.0105	
Phenanthrene	mg/L	-	-	-	0.0139		0.0102		NS	0.0168		0.0136	0.0168	
Pyrene	mg/L	-	-	-	0.00296		0.00303		NS	0.00356		0.00318	0.00356	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0484		0.0325		NS	0.0550		0.0453	0.0550	
Benzene	µg/L	-	-	5	**240**		**203**		NS	**202**		**215**	**240**	
Ethylbenzene	µg/L	-	-	700	50.8		53.1		NS	45.9		49.9	53.1	
m,p-Xylenes	µg/L	-	-	-	43.7		47.9		NS	38.3		43.3	47.9	
Naphthalene	µg/L	-	-	25	**289**		**343**		NS	**273**		**302**	**343**	
o-Xylene	µg/L	-	-	-	21.9		24.5		NS	19.0	J	21.8	24.5	
Toluene	µg/L	-	-	1000	134		126		NS	126		128.7	134	
Xylenes, Total	µg/L	-	-	10000	65.6		72.4		NS	57.6		65.2	72.4	

ND=Not detected above the project acceptable detection limit
NS=Not sampled
J = Estimated concentration

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/5/2023		4/12/2023		4/19/2023	4/26/2023		Average	Maximum	
Lab pH		-	-	-	6.92	H	7.01	H	NS	7.05	H	6.99	7.05	H
Iron, Dissolved	mg/L	-	-	-	0.0280	J	ND		NS	ND		0.0280	0.0280	J
Iron, Total	mg/L	-	-	-	0.0200	J	0.0270	J	NS	0.0467		0.0312	0.0467	
Acenaphthene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzene	µg/L	-	-	-	16.5		34.2		NS	12.5		21.1	34.2	
Ethylbenzene	µg/L	-	-	-	ND		ND		NS	ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		0.2	J	NS	ND		0.2	0.2	J
Naphthalene	µg/L	-	-	-	0.7		0.7		NS	0.5	J	0.6	0.7	
o-Xylene	µg/L	-	-	-	ND		0.3	J	NS	ND		ND	ND	
Toluene	µg/L	-	-	-	0.1	J	ND		NS	ND		0.1	0.1	J
Xylenes, Total	µg/L	-	-	-	ND		0.5	J	NS	ND		0.5	0.5	J

ND=Not detected above the project acceptable detection limit
NS=Not sampled
J = Estimated concentration

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/5/2023		4/12/2023		4/19/2023	4/26/2023		Average	Maximum	
Lab pH		-	-	-	6.86	H	7.00		NS	6.93	H	6.93	7.00	
Iron, Dissolved	mg/L	-	1	-	ND		ND		NS	ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		NS	ND		ND	ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		NS	ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		NS	ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		NS	ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		NS	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		NS	ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		NS	ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		NS	ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		NS	ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Benzene	µg/L	-	50	-	0.2	J	0.3	J	NS	ND		0.3	0.3	J
Ethylbenzene	µg/L	17	216	-	ND		ND		NS	ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND		NS	ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		NS	ND		ND	ND	
Toluene	µg/L	70	750	-	ND		ND		NS	ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		NS	ND		ND	ND	

ND=Not detected above the project acceptable detection limit
NS=Not sampled
J = Estimated concentration

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/5/2023	4/12/2023	4/19/2023	4/26/2023	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	NS	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	NS	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	NS	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	NS	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	NS	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	NS	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	NS	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

MGP Pump & Treat System Summary
Taylorville, Illinois
May 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
May-23	x100				
1	7,489,758	46,551	West	56	50
2	7,536,309	97,805	West	56	50
3	7,634,114	46,357	West	56	48
4	7,680,471	89,034	West	56	48
5	7,769,505	65,421	West	56	48
6	7,834,926	88,645	West	56	48
7	7,923,571	111,705	West	56	48
8	8,035,276	150,572	West	56	50
9	8,185,848	101,442	West	56	50
10	8,287,290	59,612	West	56	50
11	8,346,902	100,965	West	56	50
12	8,447,867	72,859	West	56	50
13	8,520,726	95,108	West	56	48
14	8,615,834	113,893	West	56	48
15	8,729,727	89,398	West	56	46
16	8,819,125	83,936	West	56	46
17	8,903,061	48,209	West	56	48
18	8,951,270	72,122	West	56	48
19	9,023,392	118,786	West	56	48
20	9,142,178	66,968	West	56	48
21	9,209,146	68,749	West	56	50
22	9,277,895	82,269	West	56	48
23	9,360,164	81,888	West	56	48
24	9,442,052	61,581	West	56	48
25	9,503,633	87,631	West	56	48
26	9,591,264	71,225	West	56	48
27	9,662,489	90,119	West	56	48
28	9,752,608	35,419	West	56	50
29	9,788,027	106,120	West	56	50
30	9,894,147	73,225	West	56	50
31	9,967,372	41,920	West	56	50
Jun-23	10,009,292		West	56	50

NM = Not measured

Flow Data	**Gallons**
For Month	2,519,534
To Pond	0
Below Pond	2,519,534
Average	81,275
Maximum	150,572
Minimum	35,419
Total Through April	1,344,754,325
Total Through May	1,347,273,859

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	5/6/2022	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	5/4/2023	5/4/2023
	Inoperable	5/11/2023	5/11/2023
	Inoperable	5/18/2023	5/18/2023
	Inoperable	5/25/2023	5/25/2023
Drum Disposal	None		

Note: Primary flow totalizer writing system failed during April 2023. Measurement collected from in-line effluent flow meter. Totalizer reset to 0 on 6/1/2023 and reading was 9,292 Gallons for 6/1/2023.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/3/2023		5/10/2023		5/16/2023		5/24/2023		5/31/2023		Average	Maximum	
Lab pH		-	-	-	6.87	H	6.91	H	6.89	H	6.93	H	6.81	H	6.88	6.93	H
Iron, Dissolved	mg/L	-	-	-	0.824		0.151		0.165		0.407		0.175		0.344	0.824	
Iron, Total	mg/L	-	-	-	2.18		2.30		2.45		1.93		2.5		2.27	2.50	
Acenaphthene	mg/L	-	-	0.42	0.0160		0.0166		0.0177		0.0157		0.0171		0.01662	0.01770	
Acenaphthylene	mg/L	-	-	-	0.00443		0.0093		0.00480		0.00459		0.00376		0.00538	0.00930	
Anthracene	mg/L	-	-	2.1	0.00357		0.00345		0.0032		0.00274		0.00303		0.00320	0.00357	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000228**		**0.00024**		**0.000255**		**0.000156**		**0.000216**		**0.000219**	**0.000255**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		0.0002		0.0002	0.0002	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000095	J	0.000074	J	0.000086	J	ND		0.0001		0.00008875	0.0001	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		0.0002		0.0002	0.0002	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		0.0001		0.0001	0.0001	
Chrysene	mg/L	-	-	-	0.000185		0.000205		0.000217		0.00013		0.000182		0.000184	0.000217	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		0.0002		0.0002	0.0002	
Fluoranthene	mg/L	-	-	0.28	ND		0.00277		0.00286		0.00222		0.00253		0.00260	0.00286	
Fluorene	mg/L	-	-	-	0.00772		0.00809		0.01040		0.00747		0.0093		0.00860	0.01040	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		0.0002		0.0002	0.0002	
m,p-Cresol	mg/L	-	-	0.35	0.00099	J	0.00120	J	0.00097	J	0.0016	J	0.0013	J	0.00121	0.00160	J
o-Cresol	mg/L	-	-	0.35	0.0085	J	ND		0.0052	J	0.0069	J	0.0078	J	0.0071	0.0085	J
Phenanthrene	mg/L	-	-	-	0.0169		0.0192		0.0228		0.0158		0.0199		0.01892	0.02280	
Pyrene	mg/L	-	-	-	0.00271		0.00256		0.00259		0.00216		0.00242		0.00249	0.00271	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0606		0.0558		0.0648		0.051		0.0584		0.0581	0.0648	
Benzene	µg/L	-	-	5	**193**		**259**		**200**		**204**		**195**		**210**	**259**	
Ethylbenzene	µg/L	-	-	700	55.5		54.1		53.7		48.4		44.7		51.3	55.5	
m,p-Xylenes	µg/L	-	-	-	49.0		46.4		46		43.6		41.6		45.3	49.0	
Naphthalene	µg/L	-	-	25	**350**		**320**		**360**		**316**		**288**		**327**	**360**	
o-Xylene	µg/L	-	-	-	24.9		22.3		24.3		22.2		21.2		23.0	24.9	
Toluene	µg/L	-	-	1000	140	B	148		128		125		118	B	132	148	
Xylenes, Total	µg/L	-	-	10000	73.9		68.7		70.3		65.8		62.8		68.3	73.9	

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
May 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/3/2023		5/11/2022		5/16/2023		5/25/2022		5/31/2023		Average	Maximum	
Lab pH		-	-	-	6.88	H	6.95	H	6.89	H	6.91	H	6.82	H	6.89	6.95	H
Iron, Dissolved	mg/L	-	-	-	0.0350	J	0.0472		ND		ND		ND		0.0411	0.0472	
Iron, Total	mg/L	-	-	-	0.0874		0.0290	J	ND		0.0350	J	ND		0.0505	0.0874	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		0.000075	J	ND		0.000075	0.000075	J
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	30.4		33.8		30.8		42.2		43.1		36.1	43.1	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	0.3	J	0.2	J	ND		0.3	J	0.3	J	0.3	0.3	J
Naphthalene	µg/L	-	-	-	0.5	J	0.6		ND		0.6	J	0.8		0.6	0.8	
o-Xylene	µg/L	-	-	-	0.3	J	0.2	J	0.2	J	0.3	J	0.3	J	0.3	0.3	J
Toluene	µg/L	-	-	-	0.2	BJ	0.1	J	ND		0.1	J	ND		0.1	0.2	J
Xylenes, Total	µg/L	-	-	-	0.6	J	0.4	J	ND		0.6	J	0.6	J	0.6	0.6	J

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
May 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/3/2023		5/10/2023		5/16/2023		5/24/2023		5/31/2023		Average	Maximum	
Lab pH		-	-	-	6.93	H	6.96	H	6.92	H	6.93	H	6.85	H	6.92	6.96	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	-	0.3	J	0.2	J	ND		0.2	J	0.4	J	0.2	0.4	J
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND	S	ND	S	ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND	B	ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND	S	ND		ND		ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND	B	ND		ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND	S	ND	S	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
May 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/3/2023		5/10/2023		5/16/2023		5/24/2023		5/31/2023		Average		Maximum	
Benzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
o-Xylene	µg/L	-	-	-	ND		ND		0.1	J	ND		ND		0.1	J	0.1	J
Toluene	µg/L	-	-	-	ND	B	ND		ND		ND		ND	B	ND		ND	
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

MGP Pump & Treat System Summary
Taylorville, Illinois
June 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jun-23	x100				
1	9,292	88,089	West	56	50
2	97,381	53,867	West	56	48
3	151,248	82,959	West	56	50
4	234,207	75,439	West	56	52
5	309,646	60,408	West	56	52
6	370,054	57,776	West	56	52
7	427,830	33,140	West	56	52
8	460,970	91,112	West	56	52
9	552,082	62,687	West	56	48
10	614,769	78,999	West	56	50
11	693,768	50,081	West	56	50
12	743,849	83,406	West	56	52
13	827,255	55,860	West	56	52
14	883,115	29,928	West	56	52
15	913,043	63,381	West	56	52
16	976,424	80,325	West	54	50
17	1,056,749	56,902	West	54	50
18	1,113,651	60,816	West	56	52
19	1,174,467	52,573	West	56	52
20	1,227,040	56,254	West	56	52
21	1,283,294	46,849	West	56	52
22	1,330,143	63,209	West	56	52
23	1,393,352	54,629	West	56	50
24	1,447,981	57,927	West	56	50
25	1,505,908	61,209	West	56	50
26	1,567,117	47,077	West	56	50
27	1,614,194	44,560	West	56	50
28	1,658,754	32,841	West	56	50
29	1,691,595	-	West	56	50
30	NM	NM	West	NM	NM
Jul-23	-				

NM = Not measured

Flow Data	**Gallons**
For Month	1,682,303
To Pond	0
Below Pond	1,682,303
Average	60,082
Maximum	91,112
Minimum	29,928
Total Through May	1,347,273,859
Total Through June	1,348,956,162

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	6/1/2023	6/1/2023
	Inoperable	6/8/2023	6/8/2023
	Inoperable	6/15/2023	6/15/2023
	Inoperable	6/22/2023	6/22/2023
	Inoperable	6/29/2023	6/29/2023
Drum Disposal	None		

Notes: System lost power and offline 6/30/23 due to power outage.
Power restored and system restarted 7/2/2023.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/7/2023		6/14/2023		6/21/2023		6/27/2023		Average	Maximum	
Lab pH		-	-	-	7.25	H	6.90	H	6.87	H	7.00	H	7.04	7.25	H
Iron, Dissolved	mg/L	-	-	-	0.865		0.020	J	ND		0.033	J	0.449	0.865	
Iron, Total	mg/L	-	-	-	2.03		2.27		1.65		2.08		1.92	2.08	
Acenaphthene	mg/L	-	-	0.42	0.0148		0.0134		0.0158	B	0.0181		0.0162	0.0181	
Acenaphthylene	mg/L	-	-	-	0.0036		0.00330		0.00761	B	0.00396		0.00506	0.00761	B
Anthracene	mg/L	-	-	2.1	0.00243		0.00269		0.00316		0.00325		0.00295	0.00325	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000126		**0.000140**		**0.000174**	**B**	**0.000168**		**0.000156**	**0.000174**	**B**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND	B	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000104		0.000118		0.000151	B	0.000134		0.000130	0.000151	B
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00176		0.00216		0.00249		0.00252		0.00226	0.00252	
Fluorene	mg/L	-	-	-	0.00687		0.00727		0.00676	B	0.00884		0.00749	0.00884	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00160	J	0.0012	J	0.00083	J	0.00150	J	0.00131	0.00160	J
o-Cresol	mg/L	-	-	0.35	0.0044	J	0.0056	J	0.0027	J	0.0052	J	0.0041	0.0052	J
Phenanthrene	mg/L	-	-	-	0.0148		0.0150		0.0153		0.0191		0.0164	0.0191	
Pyrene	mg/L	-	-	-	0.00188		0.00244		0.00302		0.00231		0.00240	0.00302	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0464		0.0465		0.0545		0.0583		0.0531	0.0583	
Benzene	µg/L	-	-	5	**183**		**167**		**175**		**175**		**178**	**183**	
Ethylbenzene	µg/L	-	-	700	45.5		40.3		38.8		37.0		40.4	45.5	
m,p-Xylenes	µg/L	-	-	-	45.3		43.8		45.9		44.1		45.1	45.9	
Naphthalene	µg/L	-	-	25	**287**		**255**		**258**		**236**		**260**	**287**	
o-Xylene	µg/L	-	-	-	23.7		22.1		23.1		22.7		23.2	23.7	
Toluene	µg/L	-	-	1000	113		101		114		107		111	114	
Xylenes, Total	µg/L	-	-	10000	69.0		65.9		69.0		66.8		68.3	69.0	

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
H= Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/7/2023		6/14/2023		6/21/2023		6/27/2023		Average	Maximum	
Lab pH		-	-	-	7.06	H	6.93	H	6.89	H	7.00	H	6.98	6.85	H
Iron, Dissolved	mg/L	-	-	-	0.0220	J	ND		ND		ND		0.0220	0.0220	
Iron, Total	mg/L	-	-	-	0.0781		0.0697		0.0210	J	0.0751		0.0581	0.0781	
Acenaphthene	mg/L	-	-	-	0.000358		0.000224		0.000360	B	0.000264		0.0003273	0.000360	
Acenaphthylene	mg/L	-	-	-	0.00013		0.000081	J	0.000147	B	0.000085	J	0.0001207	0.000147	B
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	0.000087	J	ND		ND	B	ND		0.000087	0.000087	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	0.000057	J	ND		ND	B	ND		0.000057	0.000057	J
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND	B	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	-	-	-	76.5		70.0		77.7		75.7		76.6	77.7	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	1.6	J	1.0	J	1.0	J	0.6	J	1.1	1.6	J
Naphthalene	µg/L	-	-	-	7.4		4.6		5.1		3.2		5.2	7.4	
o-Xylene	µg/L	-	-	-	1.6	J	1.2	J	1.5	J	1.1	J	1.4	1.6	J
Toluene	µg/L	-	-	-	0.1	J	ND		ND		ND		0.1	0.1	J
Xylenes, Total	µg/L	-	-	-	3.2		2.2		2.4		1.8		2.5	3.2	

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
H= Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/7/2023		6/14/2023		6/21/2023		6/27/2023		Average		Maximum	
Lab pH		-	-	-	7.01	H	6.91	H	7.27	H	7.03	H	7.10		7.27	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		0.104		0.026		ND		0.065		0.104	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND	B	ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND	B	ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND	B	ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND	S	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	-	0.8		0.4		0.8		0.9		0.7		0.9	
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		0.4	J	ND		0.4	J	0.4	J	0.4	J
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND	

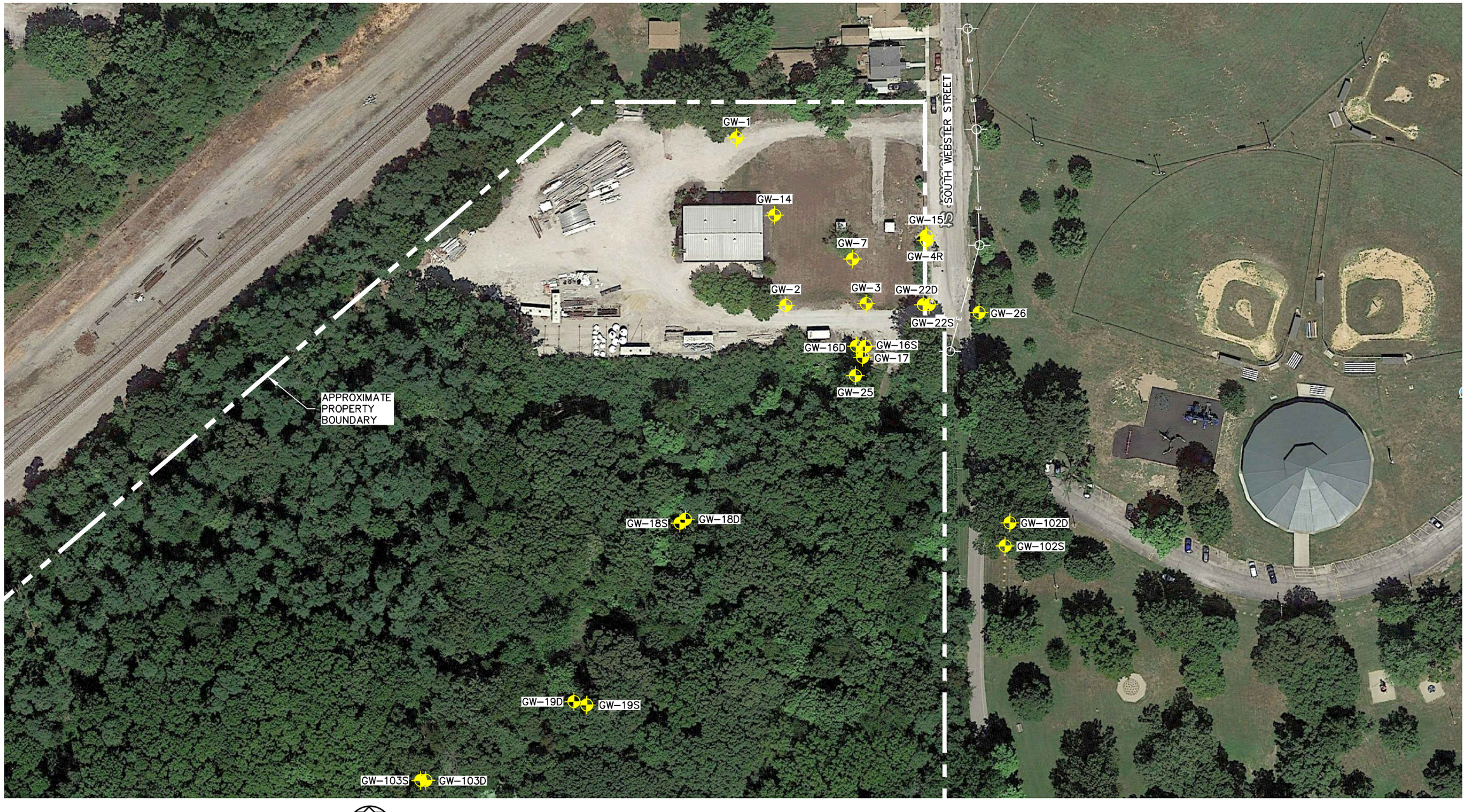
ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
S=Spike recovery outside recovery limits
H= Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/1/2022	6/7/2023	6/14/2023	6/22/2023	6/27/2023	Average	Maximum
Benzene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	NA	0.4 J	ND	ND	ND	0.4	0.4 J
o-Xylene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

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\DMMV\Cintas-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

23 June 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 2 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 second 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.

Concentrations of benzene detected at monitoring well GW-03 continue to exceed their applicable ROs. Additionally, concentrations of Benzo(a)anthracene and Bis(2-ethylhexyl)phthalate were detected at monitoring well GW-07 above their applicable ROs. These findings are consistent with historical ground water analytical results at these locations.

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 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.

It should be noted that samples collected from twelve monitoring wells were analyzed outside of hold time. Teklab analyzed these samples outside of hold time due to an error during

sample preparation. Results from these samples are consistent and within the same order of magnitude as historical ground water analytical results at these locations.

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

Sincerely,

Matt Halley, CHMM
Senior Consultant

ATTACHMENT A – ANALYTICAL RESULTS: MAY 2023

May 31, 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 2nd Qtr 2023 **WorkOrder:** 23051407

Dear Matt Halley:

TEKLAB, INC received 37 samples on 5/18/2023 1:45:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

Elizabeth A. Hurley

Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: ERM
Work Order: 23051407
Client Project: Ameren Taylorville 2nd Qtr 2023
Report Date: 31-May-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
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Laboratory Results	7
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Dates Report	46
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Chain of Custody	Appended

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-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:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-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

Work Order: 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023

Report Date: 31-May-23

Cooler Receipt Temp: 1.4 °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

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	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		3/14/2024	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

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-001 **Client Sample ID:** GW-01-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 9:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 17:40	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 17:40	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 17:40	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 17:40	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 17:40	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 17:40	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 17:40	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 17:40	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/22/2023 17:40	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 17:40	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 17:40	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 17:40	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 17:40	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 17:40	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 17:40	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 17:40	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 17:40	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 17:40	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 17:40	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 17:40	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**95.2**	%REC	1	05/22/2023 17:40	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.0**	%REC	1	05/22/2023 17:40	206419
Surr: 2-Fluorophenol	*	0	10-157		**79.3**	%REC	1	05/22/2023 17:40	206419
Surr: Nitrobenzene-d5	*	0	15-163		**82.5**	%REC	1	05/22/2023 17:40	206419
Surr: Phenol-d5	*	0	10-162		**68.0**	%REC	1	05/22/2023 17:40	206419
Surr: p-Terphenyl-d14	*	0	10-173		**87.6**	%REC	1	05/22/2023 17:40	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 3:10	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 3:10	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 3:10	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 3:10	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 3:10	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 3:10	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 3:10	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 3:10	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 3:10	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 3:10	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**108.1**	%REC	1	05/20/2023 3:10	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.0**	%REC	1	05/20/2023 3:10	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.1**	%REC	1	05/20/2023 3:10	206431
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	1	05/20/2023 3:10	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-002 **Client Sample ID:** GW-02-WG-20230518

Matrix: GROUNDWATER **Collection Date:** 05/18/2023 7:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**0.00171**	mg/L	1	05/30/2023 11:47	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**0.00360**	mg/L	1	05/30/2023 11:47	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Fluorene	NELAP	).000080	0.00020	JH	**0.00016**	mg/L	1	05/30/2023 11:47	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 11:47	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 11:47	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 11:47	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**65.6**	%REC	1	05/30/2023 11:47	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**60.1**	%REC	1	05/30/2023 11:47	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**68.1**	%REC	1	05/30/2023 11:47	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**62.2**	%REC	1	05/30/2023 11:47	206618
Surr: Phenol-d5	*	0	10-162	H	**48.5**	%REC	1	05/30/2023 11:47	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**62.2**	%REC	1	05/30/2023 11:47	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/20/2023 3:35	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 3:35	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 3:35	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 3:35	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 3:35	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 3:35	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 3:35	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 3:35	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 3:35	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 3:35	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**108.7**	%REC	1	05/20/2023 3:35	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.9**	%REC	1	05/20/2023 3:35	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.7**	%REC	1	05/20/2023 3:35	206431
Surr: Toluene-d8	*	0	80-120		**99.7**	%REC	1	05/20/2023 3:35	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-003 **Client Sample ID:** GW-03-WG-20230518

Matrix: GROUNDWATER **Collection Date:** 05/18/2023 8:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**0.000196**	mg/L	1	05/30/2023 12:24	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**0.000914**	mg/L	1	05/30/2023 12:24	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Fluorene	NELAP	).000080	0.000200	H	**0.000606**	mg/L	1	05/30/2023 12:24	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 12:24	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Naphthalene	NELAP	0.00340	0.00400	H	**0.0128**	mg/L	10	05/30/2023 17:45	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 12:24	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**79.2**	%REC	1	05/30/2023 12:24	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**65.6**	%REC	1	05/30/2023 12:24	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**78.6**	%REC	1	05/30/2023 12:24	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**68.6**	%REC	1	05/30/2023 12:24	206618
Surr: Phenol-d5	*	0	10-162	H	**54.5**	%REC	1	05/30/2023 12:24	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**69.9**	%REC	1	05/30/2023 12:24	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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		**5.60**	µg/L	1	05/20/2023 4:00	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 4:00	206431
Ethylbenzene	NELAP	0.10	1.00		**3.95**	µg/L	1	05/20/2023 4:00	206431
m,p-Xylenes	NELAP	0.18	1.00		**2.50**	µg/L	1	05/20/2023 4:00	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 4:00	206431
Naphthalene	NELAP	0.32	2.00		**37.8**	µg/L	1	05/20/2023 4:00	206431
o-Xylene	NELAP	0.05	1.00		**6.58**	µg/L	1	05/20/2023 4:00	206431
Toluene	NELAP	0.10	2.0	J	**0.90**	µg/L	1	05/20/2023 4:00	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 4:00	206431
Xylenes, Total	NELAP	0.28	2.00		**9.08**	µg/L	1	05/20/2023 4:00	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**107.9**	%REC	1	05/20/2023 4:00	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.8**	%REC	1	05/20/2023 4:00	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.7**	%REC	1	05/20/2023 4:00	206431
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	1	05/20/2023 4:00	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-004 **Client Sample ID:** GW-04R-WG-20230518

Matrix: GROUNDWATER **Collection Date:** 05/18/2023 10:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000700	0.00100	H	**0.0190**	mg/L	10	05/30/2023 18:25	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**0.000868**	mg/L	1	05/30/2023 13:01	206618
Anthracene	NELAP	).000200	0.000300	H	**0.000346**	mg/L	1	05/30/2023 13:01	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Chrysene	NELAP	).000050	0.000100	H	**0.000210**	mg/L	1	05/30/2023 13:01	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Fluoranthene	NELAP	).000270	0.000300	H	**0.00257**	mg/L	1	05/30/2023 13:01	206618
Fluorene	NELAP	).000800	0.00200	H	**0.0397**	mg/L	10	05/30/2023 18:25	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 13:01	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 13:01	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 13:01	206618
o-Cresol	NELAP	0.00054	0.010	JH	**0.00090**	mg/L	1	05/30/2023 13:01	206618
Phenanthrene	NELAP	0.00530	0.00600	H	**0.0148**	mg/L	10	05/30/2023 18:25	206618
Pyrene	NELAP	).000180	0.000200	H	**0.000948**	mg/L	1	05/30/2023 13:01	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**77.0**	%REC	1	05/30/2023 13:01	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**62.7**	%REC	1	05/30/2023 13:01	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**71.9**	%REC	1	05/30/2023 13:01	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**67.3**	%REC	1	05/30/2023 13:01	206618
Surr: Phenol-d5	*	0	10-162	H	**57.3**	%REC	1	05/30/2023 13:01	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**64.9**	%REC	1	05/30/2023 13:01	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene in the laboratory control sample is verified per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		**341**	µg/L	10	05/25/2023 12:27	206607
Bromoform	NELAP	0.91	2.00		**ND**	µg/L	10	05/25/2023 12:27	206607
Ethylbenzene	NELAP	1.00	10.0		**186**	µg/L	10	05/25/2023 12:27	206607
m,p-Xylenes	NELAP	1.80	10.0		**39.3**	µg/L	10	05/25/2023 12:27	206607
Methylene chloride	NELAP	8.70	20.0		**38.3**	µg/L	10	05/25/2023 12:27	206607
Naphthalene	NELAP	3.20	20.0		**1580**	µg/L	10	05/25/2023 12:27	206607
o-Xylene	NELAP	0.50	10.0		**93.4**	µg/L	10	05/25/2023 12:27	206607
Toluene	NELAP	1.00	20.0		**30.5**	µg/L	10	05/25/2023 12:27	206607
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	05/25/2023 12:27	206607
Xylenes, Total	NELAP	2.80	20.0		**133**	µg/L	10	05/25/2023 12:27	206607
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.8**	%REC	10	05/25/2023 12:27	206607
Surr: 4-Bromofluorobenzene	*	0	80-120		**96.0**	%REC	10	05/25/2023 12:27	206607
Surr: Dibromofluoromethane	*	0	80-120		**98.5**	%REC	10	05/25/2023 12:27	206607
Surr: Toluene-d8	*	0	80-120		**98.9**	%REC	10	05/25/2023 12:27	206607

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

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-005 **Client Sample ID:** GW-05-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 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		**ND**	mg/L	1	05/22/2023 18:18	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 18:18	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 18:18	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 18:18	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 18:18	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 18:18	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 18:18	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 18:18	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/22/2023 18:18	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 18:18	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 18:18	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 18:18	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 18:18	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 18:18	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 18:18	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 18:18	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 18:18	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 18:18	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 18:18	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 18:18	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**88.8**	%REC	1	05/22/2023 18:18	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.9**	%REC	1	05/22/2023 18:18	206419
Surr: 2-Fluorophenol	*	0	10-157		**65.0**	%REC	1	05/22/2023 18:18	206419
Surr: Nitrobenzene-d5	*	0	15-163		**77.4**	%REC	1	05/22/2023 18:18	206419
Surr: Phenol-d5	*	0	10-162		**63.2**	%REC	1	05/22/2023 18:18	206419
Surr: p-Terphenyl-d14	*	0	10-173		**85.1**	%REC	1	05/22/2023 18:18	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 4:51	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 4:51	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 4:51	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 4:51	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 4:51	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 4:51	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 4:51	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 4:51	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 4:51	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 4:51	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**108.8**	%REC	1	05/20/2023 4:51	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.2**	%REC	1	05/20/2023 4:51	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.7**	%REC	1	05/20/2023 4:51	206431
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	1	05/20/2023 4:51	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-006 **Client Sample ID:** GW-07-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 15:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**0.000122**	mg/L	1	05/30/2023 13:38	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**0.000137**	mg/L	1	05/30/2023 13:38	206618
Anthracene	NELAP	).000200	0.000300	H	**0.00115**	mg/L	1	05/30/2023 13:38	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**0.000183**	mg/L	1	05/30/2023 13:38	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00715	0.0100	H	**0.0148**	mg/L	5	05/30/2023 19:05	206618
Chrysene	NELAP	).000050	0.000100	H	**0.000145**	mg/L	1	05/30/2023 13:38	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Fluoranthene	NELAP	).000270	0.000300	H	**0.00106**	mg/L	1	05/30/2023 13:38	206618
Fluorene	NELAP	).000080	0.000200	H	**0.000331**	mg/L	1	05/30/2023 13:38	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 13:38	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Pyrene	NELAP	).000180	0.000200	H	**0.00157**	mg/L	1	05/30/2023 13:38	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**80.8**	%REC	1	05/30/2023 13:38	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**68.0**	%REC	1	05/30/2023 13:38	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**83.7**	%REC	1	05/30/2023 13:38	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**72.1**	%REC	1	05/30/2023 13:38	206618
Surr: Phenol-d5	*	0	10-162	H	**57.5**	%REC	1	05/30/2023 13:38	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**73.0**	%REC	1	05/30/2023 13:38	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/20/2023 5:16	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 5:16	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 5:16	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 5:16	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 5:16	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 5:16	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 5:16	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 5:16	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 5:16	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 5:16	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**108.7**	%REC	1	05/20/2023 5:16	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.5**	%REC	1	05/20/2023 5:16	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.1**	%REC	1	05/20/2023 5:16	206431
Surr: Toluene-d8	*	0	80-120		**99.3**	%REC	1	05/20/2023 5:16	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-007 **Client Sample ID:** GW-14-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 8:45

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	05/23/2023 12:32	206461
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 12:32	206461
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 12:32	206461
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 12:32	206461
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 12:32	206461
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 12:32	206461
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 12:32	206461
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 12:32	206461
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00309**	mg/L	1	05/23/2023 12:32	206461
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 12:32	206461
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 12:32	206461
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 12:32	206461
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 12:32	206461
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 12:32	206461
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 12:32	206461
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 12:32	206461
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 12:32	206461
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 12:32	206461
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 12:32	206461
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 12:32	206461
Surr: 2,4,6-Tribromophenol	*	0	10-179		**79.8**	%REC	1	05/23/2023 12:32	206461
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**68.4**	%REC	1	05/23/2023 12:32	206461
Surr: 2-Fluorophenol	*	0	10-157		**76.8**	%REC	1	05/23/2023 12:32	206461
Surr: Nitrobenzene-d5	*	0	15-163		**70.2**	%REC	1	05/23/2023 12:32	206461
Surr: Phenol-d5	*	0	10-162		**51.8**	%REC	1	05/23/2023 12:32	206461
Surr: p-Terphenyl-d14	*	0	10-173		**82.4**	%REC	1	05/23/2023 12:32	206461
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/20/2023 6:32	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 6:32	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 6:32	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 6:32	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 6:32	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 6:32	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 6:32	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 6:32	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 6:32	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 6:32	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.0**	%REC	1	05/20/2023 6:32	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.4**	%REC	1	05/20/2023 6:32	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.2**	%REC	1	05/20/2023 6:32	206431
Surr: Toluene-d8	*	0	80-120		**100.0**	%REC	1	05/20/2023 6:32	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-008 **Client Sample ID:** GW-15-WG-20230518

Matrix: GROUNDWATER **Collection Date:** 05/18/2023 10:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Fluorene	NELAP	).000080	0.000200	H	**0.000204**	mg/L	1	05/30/2023 14:16	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 14:16	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 14:16	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 14:16	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**79.7**	%REC	1	05/30/2023 14:16	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**68.5**	%REC	1	05/30/2023 14:16	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**79.7**	%REC	1	05/30/2023 14:16	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**72.4**	%REC	1	05/30/2023 14:16	206618
Surr: Phenol-d5	*	0	10-162	H	**57.9**	%REC	1	05/30/2023 14:16	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**74.4**	%REC	1	05/30/2023 14:16	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/20/2023 6:57	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 6:57	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 6:57	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 6:57	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 6:57	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 6:57	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 6:57	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 6:57	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 6:57	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 6:57	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**108.8**	%REC	1	05/20/2023 6:57	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.1**	%REC	1	05/20/2023 6:57	206431
Surr: Dibromofluoromethane	*	0	80-120		**99.9**	%REC	1	05/20/2023 6:57	206431
Surr: Toluene-d8	*	0	80-120		**99.3**	%REC	1	05/20/2023 6:57	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-009 **Client Sample ID:** GW-16S-WG-20230515

Matrix: GROUNDWATER **Collection Date:** 05/15/2023 12:30

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	05/22/2023 18:55	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 18:55	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 18:55	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 18:55	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 18:55	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 18:55	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 18:55	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 18:55	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/22/2023 18:55	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 18:55	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 18:55	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 18:55	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 18:55	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 18:55	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 18:55	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 18:55	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 18:55	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 18:55	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 18:55	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 18:55	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**72.9**	%REC	1	05/22/2023 18:55	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**65.3**	%REC	1	05/22/2023 18:55	206419
Surr: 2-Fluorophenol	*	0	10-157		**61.1**	%REC	1	05/22/2023 18:55	206419
Surr: Nitrobenzene-d5	*	0	15-163		**63.6**	%REC	1	05/22/2023 18:55	206419
Surr: Phenol-d5	*	0	10-162		**53.1**	%REC	1	05/22/2023 18:55	206419
Surr: p-Terphenyl-d14	*	0	10-173		**69.8**	%REC	1	05/22/2023 18:55	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 7:23	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 7:23	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 7:23	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 7:23	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 7:23	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 7:23	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 7:23	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 7:23	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 7:23	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 7:23	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.4**	%REC	1	05/20/2023 7:23	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.7**	%REC	1	05/20/2023 7:23	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.2**	%REC	1	05/20/2023 7:23	206431
Surr: Toluene-d8	*	0	80-120		**99.7**	%REC	1	05/20/2023 7:23	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-010 **Client Sample ID:** GW-16D-WG-20230515

Matrix: GROUNDWATER **Collection Date:** 05/15/2023 13:45

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	05/22/2023 19:32	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 19:32	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 19:32	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 19:32	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 19:32	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 19:32	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 19:32	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 19:32	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0017**	mg/L	1	05/22/2023 19:32	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 19:32	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 19:32	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 19:32	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 19:32	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 19:32	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 19:32	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 19:32	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 19:32	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 19:32	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 19:32	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 19:32	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**98.6**	%REC	1	05/22/2023 19:32	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**83.4**	%REC	1	05/22/2023 19:32	206419
Surr: 2-Fluorophenol	*	0	10-157		**80.8**	%REC	1	05/22/2023 19:32	206419
Surr: Nitrobenzene-d5	*	0	15-163		**82.2**	%REC	1	05/22/2023 19:32	206419
Surr: Phenol-d5	*	0	10-162		**67.0**	%REC	1	05/22/2023 19:32	206419
Surr: p-Terphenyl-d14	*	0	10-173		**91.9**	%REC	1	05/22/2023 19:32	206419
Allowable Marginal Exceedance of Pyrene 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		**0.80**	µg/L	1	05/20/2023 7:48	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 7:48	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 7:48	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 7:48	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 7:48	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 7:48	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 7:48	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 7:48	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	**0.13**	µg/L	1	05/20/2023 7:48	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 7:48	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.4**	%REC	1	05/20/2023 7:48	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.6**	%REC	1	05/20/2023 7:48	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.8**	%REC	1	05/20/2023 7:48	206431
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	05/20/2023 7:48	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-011 **Client Sample ID:** GW-17-WG-20230515

Matrix: GROUNDWATER **Collection Date:** 05/15/2023 14:20

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	05/22/2023 20:10	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 20:10	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 20:10	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 20:10	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 20:10	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 20:10	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 20:10	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 20:10	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/22/2023 20:10	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 20:10	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 20:10	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 20:10	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 20:10	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 20:10	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 20:10	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 20:10	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 20:10	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 20:10	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 20:10	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 20:10	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**93.0**	%REC	1	05/22/2023 20:10	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**79.2**	%REC	1	05/22/2023 20:10	206419
Surr: 2-Fluorophenol	*	0	10-157		**76.9**	%REC	1	05/22/2023 20:10	206419
Surr: Nitrobenzene-d5	*	0	15-163		**79.9**	%REC	1	05/22/2023 20:10	206419
Surr: Phenol-d5	*	0	10-162		**67.2**	%REC	1	05/22/2023 20:10	206419
Surr: p-Terphenyl-d14	*	0	10-173		**85.2**	%REC	1	05/22/2023 20:10	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 8:14	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 8:14	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 8:14	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 8:14	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 8:14	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 8:14	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 8:14	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 8:14	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 8:14	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 8:14	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.4**	%REC	1	05/20/2023 8:14	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.0**	%REC	1	05/20/2023 8:14	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.5**	%REC	1	05/20/2023 8:14	206431
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/20/2023 8:14	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-012 **Client Sample ID:** GW18S-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 15:40

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	05/22/2023 20:47	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 20:47	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 20:47	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 20:47	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 20:47	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 20:47	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 20:47	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 20:47	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00295**	mg/L	1	05/22/2023 20:47	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 20:47	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 20:47	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 20:47	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 20:47	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 20:47	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 20:47	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 20:47	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 20:47	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 20:47	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 20:47	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 20:47	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**81.9**	%REC	1	05/22/2023 20:47	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**70.6**	%REC	1	05/22/2023 20:47	206419
Surr: 2-Fluorophenol	*	0	10-157		**69.3**	%REC	1	05/22/2023 20:47	206419
Surr: Nitrobenzene-d5	*	0	15-163		**71.0**	%REC	1	05/22/2023 20:47	206419
Surr: Phenol-d5	*	0	10-162		**56.7**	%REC	1	05/22/2023 20:47	206419
Surr: p-Terphenyl-d14	*	0	10-173		**91.1**	%REC	1	05/22/2023 20:47	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 8:39	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 8:39	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 8:39	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 8:39	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 8:39	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 8:39	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 8:39	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 8:39	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 8:39	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 8:39	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**109.1**	%REC	1	05/20/2023 8:39	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.8**	%REC	1	05/20/2023 8:39	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.0**	%REC	1	05/20/2023 8:39	206431
Surr: Toluene-d8	*	0	80-120		**99.5**	%REC	1	05/20/2023 8:39	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-013 **Client Sample ID:** GW18D-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 15:05

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	05/23/2023 9:56	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 9:56	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 9:56	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 9:56	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 9:56	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 9:56	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 9:56	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 9:56	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0015**	mg/L	1	05/23/2023 9:56	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 9:56	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 9:56	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 9:56	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 9:56	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 9:56	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 9:56	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 9:56	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 9:56	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 9:56	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 9:56	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 9:56	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**76.2**	%REC	1	05/23/2023 9:56	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**67.8**	%REC	1	05/23/2023 9:56	206419
Surr: 2-Fluorophenol	*	0	10-157		**20.9**	%REC	1	05/23/2023 9:56	206419
Surr: Nitrobenzene-d5	*	0	15-163		**69.5**	%REC	1	05/23/2023 9:56	206419
Surr: Phenol-d5	*	0	10-162		**48.7**	%REC	1	05/23/2023 9:56	206419
Surr: p-Terphenyl-d14	*	0	10-173		**96.4**	%REC	1	05/23/2023 9:56	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 9:04	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 9:04	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 9:04	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 9:04	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 9:04	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 9:04	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 9:04	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 9:04	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	**0.12**	µg/L	1	05/20/2023 9:04	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 9:04	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**109.8**	%REC	1	05/20/2023 9:04	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.5**	%REC	1	05/20/2023 9:04	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.3**	%REC	1	05/20/2023 9:04	206431
Surr: Toluene-d8	*	0	80-120		**100.2**	%REC	1	05/20/2023 9:04	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-014 **Client Sample ID:** GW19S-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 13:40

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	05/23/2023 10:36	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 10:36	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 10:36	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 10:36	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 10:36	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 10:36	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 10:36	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 10:36	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 10:36	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 10:36	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 10:36	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 10:36	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 10:36	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 10:36	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 10:36	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 10:36	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 10:36	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 10:36	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 10:36	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 10:36	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**88.5**	%REC	1	05/23/2023 10:36	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**68.6**	%REC	1	05/23/2023 10:36	206419
Surr: 2-Fluorophenol	*	0	10-157		**53.3**	%REC	1	05/23/2023 10:36	206419
Surr: Nitrobenzene-d5	*	0	15-163		**71.1**	%REC	1	05/23/2023 10:36	206419
Surr: Phenol-d5	*	0	10-162		**43.9**	%REC	1	05/23/2023 10:36	206419
Surr: p-Terphenyl-d14	*	0	10-173		**101.3**	%REC	1	05/23/2023 10:36	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 9:29	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 9:29	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 9:29	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 9:29	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 9:29	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 9:29	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 9:29	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 9:29	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 9:29	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 9:29	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**109.7**	%REC	1	05/20/2023 9:29	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.7**	%REC	1	05/20/2023 9:29	206431
Surr: Dibromofluoromethane	*	0	80-120		**99.6**	%REC	1	05/20/2023 9:29	206431
Surr: Toluene-d8	*	0	80-120		**99.8**	%REC	1	05/20/2023 9:29	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-015 **Client Sample ID:** GW19D-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 13:00

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	05/23/2023 16:30	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 16:30	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 16:30	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 16:30	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 16:30	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 16:30	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 16:30	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 16:30	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 16:30	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 16:30	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 16:30	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 16:30	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 16:30	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 16:30	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 16:30	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 16:30	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 16:30	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 16:30	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 16:30	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 16:30	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**85.9**	%REC	1	05/23/2023 16:30	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**77.2**	%REC	1	05/23/2023 16:30	206419
Surr: 2-Fluorophenol	*	0	10-157		**59.5**	%REC	1	05/23/2023 16:30	206419
Surr: Nitrobenzene-d5	*	0	15-163		**75.7**	%REC	1	05/23/2023 16:30	206419
Surr: Phenol-d5	*	0	10-162		**48.5**	%REC	1	05/23/2023 16:30	206419
Surr: p-Terphenyl-d14	*	0	10-173		**111.4**	%REC	1	05/23/2023 16:30	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 9:55	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 9:55	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 9:55	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 9:55	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 9:55	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 9:55	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 9:55	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 9:55	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 9:55	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 9:55	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.1**	%REC	1	05/20/2023 9:55	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.6**	%REC	1	05/20/2023 9:55	206431
Surr: Dibromofluoromethane	*	0	80-120		**99.9**	%REC	1	05/20/2023 9:55	206431
Surr: Toluene-d8	*	0	80-120		**99.6**	%REC	1	05/20/2023 9:55	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-016 **Client Sample ID:** GW-20-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 11:35

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	05/23/2023 11:56	206419
Acenaphthylene	NELAP	).000050	0.000100		**0.000178**	mg/L	1	05/23/2023 11:56	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 11:56	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000155**	mg/L	1	05/23/2023 11:56	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.000684**	mg/L	1	05/23/2023 11:56	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.000434**	mg/L	1	05/23/2023 11:56	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.000745**	mg/L	1	05/23/2023 11:56	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**0.000161**	mg/L	1	05/23/2023 11:56	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 11:56	206419
Chrysene	NELAP	).000050	0.000100		**0.000223**	mg/L	1	05/23/2023 11:56	206419
Dibenzo(a,h)anthracene	NELAP	0.00012	0.00020	J	**0.00012**	mg/L	1	05/23/2023 11:56	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 11:56	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 11:56	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 11:56	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.000442**	mg/L	1	05/23/2023 11:56	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 11:56	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 11:56	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 11:56	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 11:56	206419
Pyrene	NELAP	).000180	0.000200		**0.000362**	mg/L	1	05/23/2023 11:56	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**71.1**	%REC	1	05/23/2023 11:56	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**59.1**	%REC	1	05/23/2023 11:56	206419
Surr: 2-Fluorophenol	*	0	10-157		**53.4**	%REC	1	05/23/2023 11:56	206419
Surr: Nitrobenzene-d5	*	0	15-163		**74.1**	%REC	1	05/23/2023 11:56	206419
Surr: Phenol-d5	*	0	10-162		**44.5**	%REC	1	05/23/2023 11:56	206419
Surr: p-Terphenyl-d14	*	0	10-173		**98.0**	%REC	1	05/23/2023 11:56	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 10:20	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 10:20	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 10:20	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 10:20	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 10:20	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 10:20	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 10:20	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 10:20	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 10:20	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 10:20	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**111.1**	%REC	1	05/20/2023 10:20	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.5**	%REC	1	05/20/2023 10:20	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.9**	%REC	1	05/20/2023 10:20	206431
Surr: Toluene-d8	*	0	80-120		**99.6**	%REC	1	05/20/2023 10:20	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-017 **Client Sample ID:** GW-21-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 9:30

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	05/23/2023 13:10	206461
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 13:10	206461
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 13:10	206461
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 13:10	206461
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 13:10	206461
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 13:10	206461
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 13:10	206461
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 13:10	206461
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 13:10	206461
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 13:10	206461
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 13:10	206461
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 13:10	206461
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 13:10	206461
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 13:10	206461
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 13:10	206461
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 13:10	206461
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 13:10	206461
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 13:10	206461
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 13:10	206461
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 13:10	206461
Surr: 2,4,6-Tribromophenol	*	0	10-179		**65.4**	%REC	1	05/23/2023 13:10	206461
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**57.6**	%REC	1	05/23/2023 13:10	206461
Surr: 2-Fluorophenol	*	0	10-157		**82.6**	%REC	1	05/23/2023 13:10	206461
Surr: Nitrobenzene-d5	*	0	15-163		**71.2**	%REC	1	05/23/2023 13:10	206461
Surr: Phenol-d5	*	0	10-162		**47.1**	%REC	1	05/23/2023 13:10	206461
Surr: p-Terphenyl-d14	*	0	10-173		**66.0**	%REC	1	05/23/2023 13:10	206461
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/20/2023 10:46	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 10:46	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 10:46	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 10:46	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 10:46	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 10:46	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 10:46	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 10:46	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 10:46	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 10:46	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.6**	%REC	1	05/20/2023 10:46	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.2**	%REC	1	05/20/2023 10:46	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.9**	%REC	1	05/20/2023 10:46	206431
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/20/2023 10:46	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-018 **Client Sample ID:** GW-22S-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 17:45

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	05/23/2023 12:36	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 12:36	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 12:36	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 12:36	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 12:36	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 12:36	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 12:36	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 12:36	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 12:36	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 12:36	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 12:36	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 12:36	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 12:36	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 12:36	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 12:36	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 12:36	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 12:36	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 12:36	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 12:36	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 12:36	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**85.0**	%REC	1	05/23/2023 12:36	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**74.8**	%REC	1	05/23/2023 12:36	206419
Surr: 2-Fluorophenol	*	0	10-157		**61.7**	%REC	1	05/23/2023 12:36	206419
Surr: Nitrobenzene-d5	*	0	15-163		**85.3**	%REC	1	05/23/2023 12:36	206419
Surr: Phenol-d5	*	0	10-162		**52.6**	%REC	1	05/23/2023 12:36	206419
Surr: p-Terphenyl-d14	*	0	10-173		**110.9**	%REC	1	05/23/2023 12:36	206419
Allowable Marginal Exceedance of Pyrene 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	05/20/2023 11:11	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 11:11	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 11:11	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 11:11	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 11:11	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 11:11	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 11:11	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 11:11	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 11:11	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 11:11	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.6**	%REC	1	05/20/2023 11:11	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.2**	%REC	1	05/20/2023 11:11	206431
Surr: Dibromofluoromethane	*	0	80-120		**101.0**	%REC	1	05/20/2023 11:11	206431
Surr: Toluene-d8	*	0	80-120		**99.7**	%REC	1	05/20/2023 11:11	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-019 **Client Sample ID:** GW-22D-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 17:20

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	05/23/2023 13:15	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 13:15	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 13:15	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 13:15	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 13:15	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 13:15	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 13:15	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 13:15	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 13:15	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 13:15	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 13:15	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 13:15	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 13:15	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 13:15	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 13:15	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 13:15	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 13:15	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 13:15	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 13:15	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 13:15	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**88.3**	%REC	1	05/23/2023 13:15	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**71.5**	%REC	1	05/23/2023 13:15	206419
Surr: 2-Fluorophenol	*	0	10-157		**57.7**	%REC	1	05/23/2023 13:15	206419
Surr: Nitrobenzene-d5	*	0	15-163		**77.3**	%REC	1	05/23/2023 13:15	206419
Surr: Phenol-d5	*	0	10-162		**50.6**	%REC	1	05/23/2023 13:15	206419
Surr: p-Terphenyl-d14	*	0	10-173		**128.4**	%REC	1	05/23/2023 13:15	206419
Allowable Marginal Exceedance of Pyrene 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	05/22/2023 13:36	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 13:36	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 13:36	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 13:36	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 13:36	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 13:36	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 13:36	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 13:36	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 13:36	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 13:36	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**109.5**	%REC	1	05/22/2023 13:36	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.6**	%REC	1	05/22/2023 13:36	206468
Surr: Dibromofluoromethane	*	0	80-120		**99.4**	%REC	1	05/22/2023 13:36	206468
Surr: Toluene-d8	*	0	80-120		**100.6**	%REC	1	05/22/2023 13:36	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-020 **Client Sample ID:** DUP-003-WG-20230518

Matrix: GROUNDWATER **Collection Date:** 05/18/2023 0:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 14:54	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 14:54	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 14:54	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**73.1**	%REC	1	05/30/2023 14:54	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**59.8**	%REC	1	05/30/2023 14:54	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**46.1**	%REC	1	05/30/2023 14:54	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**63.0**	%REC	1	05/30/2023 14:54	206618
Surr: Phenol-d5	*	0	10-162	H	**55.4**	%REC	1	05/30/2023 14:54	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**70.9**	%REC	1	05/30/2023 14:54	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/20/2023 11:36	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 11:36	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 11:36	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 11:36	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 11:36	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 11:36	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 11:36	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 11:36	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 11:36	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 11:36	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.4**	%REC	1	05/20/2023 11:36	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.4**	%REC	1	05/20/2023 11:36	206431
Surr: Dibromofluoromethane	*	0	80-120		**99.7**	%REC	1	05/20/2023 11:36	206431
Surr: Toluene-d8	*	0	80-120		**100.1**	%REC	1	05/20/2023 11:36	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-021 **Client Sample ID:** DUP-001-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 0:01

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	05/23/2023 15:12	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:12	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 15:12	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 15:12	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 15:12	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 15:12	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 15:12	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:12	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00262**	mg/L	1	05/23/2023 15:12	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:12	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 15:12	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 15:12	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 15:12	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 15:12	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 15:12	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 15:12	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 15:12	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 15:12	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 15:12	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 15:12	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**84.5**	%REC	1	05/23/2023 15:12	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**71.8**	%REC	1	05/23/2023 15:12	206419
Surr: 2-Fluorophenol	*	0	10-157		**56.8**	%REC	1	05/23/2023 15:12	206419
Surr: Nitrobenzene-d5	*	0	15-163		**74.9**	%REC	1	05/23/2023 15:12	206419
Surr: Phenol-d5	*	0	10-162		**47.0**	%REC	1	05/23/2023 15:12	206419
Surr: p-Terphenyl-d14	*	0	10-173		**102.8**	%REC	1	05/23/2023 15:12	206419
Allowable Marginal Exceedance of Pyrene 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	05/22/2023 14:32	206442
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 14:32	206442
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 14:32	206442
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 14:32	206442
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 14:32	206442
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 14:32	206442
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 14:32	206442
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 14:32	206442
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 14:32	206442
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 14:32	206442
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.5**	%REC	1	05/22/2023 14:32	206442
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.9**	%REC	1	05/22/2023 14:32	206442
Surr: Dibromofluoromethane	*	0	80-120		**98.8**	%REC	1	05/22/2023 14:32	206442
Surr: Toluene-d8	*	0	80-120		**100.5**	%REC	1	05/22/2023 14:32	206442

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-022 **Client Sample ID:** DUP-004-WG-20230518

Matrix: GROUNDWATER **Collection Date:** 05/18/2023 0:04

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	H	**0.0241**	mg/L	50	05/31/2023 11:44	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**0.00117**	mg/L	1	05/30/2023 15:31	206618
Anthracene	NELAP	).000200	0.000300	H	**0.000476**	mg/L	1	05/30/2023 15:31	206618
Benzo(a)anthracene	NELAP	).000070	0.00010	JH	**0.000072**	mg/L	1	05/30/2023 15:31	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Chrysene	NELAP	).000050	0.000100	H	**0.000170**	mg/L	1	05/30/2023 15:31	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Fluoranthene	NELAP	).000270	0.000300	H	**0.00276**	mg/L	1	05/30/2023 15:31	206618
Fluorene	NELAP	0.00400	0.0100	H	**0.0537**	mg/L	50	05/31/2023 11:44	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 15:31	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 15:31	206618
Naphthalene	NELAP	0.170	0.200	H	**0.398**	mg/L	500	05/31/2023 13:36	206618
o-Cresol	NELAP	0.00054	0.010	JH	**0.00098**	mg/L	1	05/30/2023 15:31	206618
Phenanthrene	NELAP	0.0265	0.0300	H	**0.0461**	mg/L	50	05/31/2023 11:44	206618
Pyrene	NELAP	).000180	0.000200	H	**0.00102**	mg/L	1	05/30/2023 15:31	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**78.5**	%REC	1	05/30/2023 15:31	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**103.0**	%REC	1	05/30/2023 15:31	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**55.5**	%REC	1	05/30/2023 15:31	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**109.1**	%REC	1	05/30/2023 15:31	206618
Surr: Phenol-d5	*	0	10-162	H	**64.7**	%REC	1	05/30/2023 15:31	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**65.0**	%REC	1	05/30/2023 15:31	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene in the laboratory control sample is verified per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	2.50	25.0		**364**	µg/L	50	05/22/2023 13:11	206468
Bromoform	NELAP	4.57	10.0		**ND**	µg/L	50	05/22/2023 13:11	206468
Ethylbenzene	NELAP	5.00	50.0		**184**	µg/L	50	05/22/2023 13:11	206468
m,p-Xylenes	NELAP	9.0	50	J	**48**	µg/L	50	05/22/2023 13:11	206468
Methylene chloride	NELAP	43.5	100		**ND**	µg/L	50	05/22/2023 13:11	206468
Naphthalene	NELAP	16.0	100		**1480**	µg/L	50	05/22/2023 13:11	206468
o-Xylene	NELAP	2.50	50.0		**100**	µg/L	50	05/22/2023 13:11	206468
Toluene	NELAP	5.0	100	J	**42**	µg/L	50	05/22/2023 13:11	206468
trans-1,2-Dichloroethene	NELAP	5.00	100		**ND**	µg/L	50	05/22/2023 13:11	206468
Xylenes, Total	NELAP	14.0	100		**148**	µg/L	50	05/22/2023 13:11	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**111.0**	%REC	50	05/22/2023 13:11	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.2**	%REC	50	05/22/2023 13:11	206468
Surr: Dibromofluoromethane	*	0	80-120		**100.1**	%REC	50	05/22/2023 13:11	206468
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	50	05/22/2023 13:11	206468

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

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-023 **Client Sample ID:** TB-001-WG-20230515

Matrix: TRIP BLANK **Collection Date:** 05/18/2023 13:45

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	05/20/2023 2:19	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 2:19	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 2:19	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 2:19	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 2:19	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 2:19	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 2:19	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 2:19	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 2:19	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 2:19	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**108.4**	%REC	1	05/20/2023 2:19	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.4**	%REC	1	05/20/2023 2:19	206431
Surr: Dibromofluoromethane	*	0	80-120		**100.5**	%REC	1	05/20/2023 2:19	206431
Surr: Toluene-d8	*	0	80-120		**99.5**	%REC	1	05/20/2023 2:19	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-024 **Client Sample ID:** TB-002-WG-20230515

Matrix: TRIP BLANK **Collection Date:** 05/18/2023 13:45

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	05/20/2023 2:44	206431
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/20/2023 2:44	206431
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/20/2023 2:44	206431
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/20/2023 2:44	206431
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/20/2023 2:44	206431
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/20/2023 2:44	206431
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/20/2023 2:44	206431
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 2:44	206431
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/20/2023 2:44	206431
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/20/2023 2:44	206431
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**107.3**	%REC	1	05/20/2023 2:44	206431
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.0**	%REC	1	05/20/2023 2:44	206431
Surr: Dibromofluoromethane	*	0	80-120		**99.9**	%REC	1	05/20/2023 2:44	206431
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	05/20/2023 2:44	206431

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-025 **Client Sample ID:** DUP-002-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 0:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**0.00205**	mg/L	1	05/30/2023 12:16	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 12:16	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 12:16	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 12:16	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**80.0**	%REC	1	05/30/2023 12:16	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**68.0**	%REC	1	05/30/2023 12:16	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**42.5**	%REC	1	05/30/2023 12:16	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**63.2**	%REC	1	05/30/2023 12:16	206618
Surr: Phenol-d5	*	0	10-162	H	**35.4**	%REC	1	05/30/2023 12:16	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**93.2**	%REC	1	05/30/2023 12:16	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 15:44	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 15:44	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 15:44	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 15:44	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 15:44	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 15:44	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 15:44	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 15:44	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 15:44	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 15:44	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**112.3**	%REC	1	05/22/2023 15:44	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**106.2**	%REC	1	05/22/2023 15:44	206468
Surr: Dibromofluoromethane	*	0	80-120		**100.5**	%REC	1	05/22/2023 15:44	206468
Surr: Toluene-d8	*	0	80-120		**100.7**	%REC	1	05/22/2023 15:44	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-026 **Client Sample ID:** GW-09S-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 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	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 12:57	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 12:57	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 12:57	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**64.0**	%REC	1	05/30/2023 12:57	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**55.2**	%REC	1	05/30/2023 12:57	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**39.5**	%REC	1	05/30/2023 12:57	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**53.7**	%REC	1	05/30/2023 12:57	206618
Surr: Phenol-d5	*	0	10-162	H	**36.7**	%REC	1	05/30/2023 12:57	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**71.8**	%REC	1	05/30/2023 12:57	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 16:09	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 16:09	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 16:09	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 16:09	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 16:09	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 16:09	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 16:09	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 16:09	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 16:09	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 16:09	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**112.0**	%REC	1	05/22/2023 16:09	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.5**	%REC	1	05/22/2023 16:09	206468
Surr: Dibromofluoromethane	*	0	80-120		**101.1**	%REC	1	05/22/2023 16:09	206468
Surr: Toluene-d8	*	0	80-120		**100.1**	%REC	1	05/22/2023 16:09	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-027 **Client Sample ID:** GW-09D-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 13:38	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 13:38	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**69.8**	%REC	1	05/30/2023 13:38	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**48.6**	%REC	1	05/30/2023 13:38	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**33.8**	%REC	1	05/30/2023 13:38	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**44.3**	%REC	1	05/30/2023 13:38	206618
Surr: Phenol-d5	*	0	10-162	H	**34.1**	%REC	1	05/30/2023 13:38	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**68.6**	%REC	1	05/30/2023 13:38	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 16:35	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 16:35	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 16:35	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 16:35	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 16:35	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 16:35	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 16:35	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 16:35	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 16:35	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 16:35	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**112.9**	%REC	1	05/22/2023 16:35	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**106.2**	%REC	1	05/22/2023 16:35	206468
Surr: Dibromofluoromethane	*	0	80-120		**101.6**	%REC	1	05/22/2023 16:35	206468
Surr: Toluene-d8	*	0	80-120		**99.7**	%REC	1	05/22/2023 16:35	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-028 **Client Sample ID:** GW-12-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	JH	**0.0017**	mg/L	1	05/30/2023 17:04	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 17:04	206618
m,p-Cresol	NELAP	0.00059	0.010	JH	**0.00097**	mg/L	1	05/30/2023 17:04	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 17:04	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 17:04	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**77.8**	%REC	1	05/30/2023 17:04	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**63.3**	%REC	1	05/30/2023 17:04	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**43.6**	%REC	1	05/30/2023 17:04	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**60.9**	%REC	1	05/30/2023 17:04	206618
Surr: Phenol-d5	*	0	10-162	H	**37.7**	%REC	1	05/30/2023 17:04	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**83.3**	%REC	1	05/30/2023 17:04	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 17:00	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 17:00	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 17:00	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 17:00	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 17:00	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 17:00	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 17:00	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 17:00	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 17:00	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 17:00	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**113.9**	%REC	1	05/22/2023 17:00	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.5**	%REC	1	05/22/2023 17:00	206468
Surr: Dibromofluoromethane	*	0	80-120		**101.7**	%REC	1	05/22/2023 17:00	206468
Surr: Toluene-d8	*	0	80-120		**99.8**	%REC	1	05/22/2023 17:00	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-029 **Client Sample ID:** GW-13S-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	JH	**0.0016**	mg/L	1	05/30/2023 14:19	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 14:19	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 14:19	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 14:19	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**71.4**	%REC	1	05/30/2023 14:19	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**54.0**	%REC	1	05/30/2023 14:19	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**33.2**	%REC	1	05/30/2023 14:19	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**51.9**	%REC	1	05/30/2023 14:19	206618
Surr: Phenol-d5	*	0	10-162	H	**30.2**	%REC	1	05/30/2023 14:19	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**75.9**	%REC	1	05/30/2023 14:19	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 17:26	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 17:26	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 17:26	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 17:26	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 17:26	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 17:26	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 17:26	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 17:26	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 17:26	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 17:26	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**112.4**	%REC	1	05/22/2023 17:26	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**106.2**	%REC	1	05/22/2023 17:26	206468
Surr: Dibromofluoromethane	*	0	80-120		**101.6**	%REC	1	05/22/2023 17:26	206468
Surr: Toluene-d8	*	0	80-120		**100.0**	%REC	1	05/22/2023 17:26	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-030 **Client Sample ID:** GW-13D-WG-20230517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 10:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	JH	**0.0016**	mg/L	1	05/30/2023 15:00	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 15:00	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 15:00	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 15:00	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**63.0**	%REC	1	05/30/2023 15:00	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**43.0**	%REC	1	05/30/2023 15:00	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**31.7**	%REC	1	05/30/2023 15:00	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**40.1**	%REC	1	05/30/2023 15:00	206618
Surr: Phenol-d5	*	0	10-162	H	**24.8**	%REC	1	05/30/2023 15:00	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**70.6**	%REC	1	05/30/2023 15:00	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 17:51	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 17:51	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 17:51	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 17:51	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 17:51	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 17:51	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 17:51	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 17:51	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 17:51	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 17:51	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**112.6**	%REC	1	05/22/2023 17:51	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.8**	%REC	1	05/22/2023 17:51	206468
Surr: Dibromofluoromethane	*	0	80-120		**100.2**	%REC	1	05/22/2023 17:51	206468
Surr: Toluene-d8	*	0	80-120		**100.2**	%REC	1	05/22/2023 17:51	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-031 **Client Sample ID:** GW-101S-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 8:00

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	05/23/2023 15:51	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:51	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 15:51	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 15:51	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 15:51	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 15:51	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 15:51	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:51	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 15:51	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:51	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 15:51	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 15:51	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 15:51	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 15:51	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 15:51	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 15:51	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 15:51	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 15:51	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 15:51	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 15:51	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.4**	%REC	1	05/23/2023 15:51	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**69.2**	%REC	1	05/23/2023 15:51	206419
Surr: 2-Fluorophenol	*	0	10-157		**54.7**	%REC	1	05/23/2023 15:51	206419
Surr: Nitrobenzene-d5	*	0	15-163		**75.4**	%REC	1	05/23/2023 15:51	206419
Surr: Phenol-d5	*	0	10-162		**41.3**	%REC	1	05/23/2023 15:51	206419
Surr: p-Terphenyl-d14	*	0	10-173		**104.2**	%REC	1	05/23/2023 15:51	206419
Allowable Marginal Exceedance of Pyrene 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	05/22/2023 18:17	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 18:17	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 18:17	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 18:17	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 18:17	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 18:17	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 18:17	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 18:17	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 18:17	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 18:17	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**110.8**	%REC	1	05/22/2023 18:17	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.1**	%REC	1	05/22/2023 18:17	206468
Surr: Dibromofluoromethane	*	0	80-120		**100.4**	%REC	1	05/22/2023 18:17	206468
Surr: Toluene-d8	*	0	80-120		**100.4**	%REC	1	05/22/2023 18:17	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-032 **Client Sample ID:** GW-102S-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 9:05

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	05/23/2023 15:39	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:39	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 15:39	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 15:39	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 15:39	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 15:39	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 15:39	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:39	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 15:39	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 15:39	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 15:39	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 15:39	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 15:39	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 15:39	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 15:39	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 15:39	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 15:39	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 15:39	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 15:39	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 15:39	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**108.7**	%REC	1	05/23/2023 15:39	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**95.3**	%REC	1	05/23/2023 15:39	206419
Surr: 2-Fluorophenol	*	0	10-157		**118.0**	%REC	1	05/23/2023 15:39	206419
Surr: Nitrobenzene-d5	*	0	15-163		**100.1**	%REC	1	05/23/2023 15:39	206419
Surr: Phenol-d5	*	0	10-162		**69.4**	%REC	1	05/23/2023 15:39	206419
Surr: p-Terphenyl-d14	*	0	10-173		**102.8**	%REC	1	05/23/2023 15:39	206419
Allowable Marginal Exceedance of Pyrene 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	05/22/2023 18:42	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 18:42	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 18:42	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 18:42	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 18:42	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 18:42	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 18:42	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 18:42	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 18:42	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 18:42	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**111.7**	%REC	1	05/22/2023 18:42	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.0**	%REC	1	05/22/2023 18:42	206468
Surr: Dibromofluoromethane	*	0	80-120		**99.8**	%REC	1	05/22/2023 18:42	206468
Surr: Toluene-d8	*	0	80-120		**100.3**	%REC	1	05/22/2023 18:42	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-033 **Client Sample ID:** GW-102D-WG-20230516

Matrix: GROUNDWATER **Collection Date:** 05/16/2023 8:45

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	05/23/2023 16:17	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 16:17	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/23/2023 16:17	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 16:17	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/23/2023 16:17	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/23/2023 16:17	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 16:17	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 16:17	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/23/2023 16:17	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/23/2023 16:17	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/23/2023 16:17	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/23/2023 16:17	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/23/2023 16:17	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/23/2023 16:17	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/23/2023 16:17	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/23/2023 16:17	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/23/2023 16:17	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/23/2023 16:17	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/23/2023 16:17	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/23/2023 16:17	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**83.0**	%REC	1	05/23/2023 16:17	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**67.4**	%REC	1	05/23/2023 16:17	206419
Surr: 2-Fluorophenol	*	0	10-157		**63.8**	%REC	1	05/23/2023 16:17	206419
Surr: Nitrobenzene-d5	*	0	15-163		**71.9**	%REC	1	05/23/2023 16:17	206419
Surr: Phenol-d5	*	0	10-162		**57.1**	%REC	1	05/23/2023 16:17	206419
Surr: p-Terphenyl-d14	*	0	10-173		**83.0**	%REC	1	05/23/2023 16:17	206419
Allowable Marginal Exceedance of Pyrene 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	05/22/2023 19:08	206468
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 19:08	206468
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 19:08	206468
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 19:08	206468
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 19:08	206468
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 19:08	206468
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 19:08	206468
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 19:08	206468
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 19:08	206468
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 19:08	206468
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**113.8**	%REC	1	05/22/2023 19:08	206468
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.9**	%REC	1	05/22/2023 19:08	206468
Surr: Dibromofluoromethane	*	0	80-120		**100.6**	%REC	1	05/22/2023 19:08	206468
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/22/2023 19:08	206468

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-034 **Client Sample ID:** GW-103S-WG-20231517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 15:41	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 15:41	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 15:41	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**70.4**	%REC	1	05/30/2023 15:41	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**53.4**	%REC	1	05/30/2023 15:41	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**27.5**	%REC	1	05/30/2023 15:41	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**46.1**	%REC	1	05/30/2023 15:41	206618
Surr: Phenol-d5	*	0	10-162	H	**26.4**	%REC	1	05/30/2023 15:41	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**86.8**	%REC	1	05/30/2023 15:41	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 12:55	206442
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 12:55	206442
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 12:55	206442
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 12:55	206442
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 12:55	206442
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 12:55	206442
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 12:55	206442
Toluene	NELAP	0.10	2.0	J	**0.13**	µg/L	1	05/22/2023 12:55	206442
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 12:55	206442
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 12:55	206442
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**98.4**	%REC	1	05/22/2023 12:55	206442
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.0**	%REC	1	05/22/2023 12:55	206442
Surr: Dibromofluoromethane	*	0	80-120		**99.1**	%REC	1	05/22/2023 12:55	206442
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/22/2023 12:55	206442

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-035 **Client Sample ID:** GW-103D-WG-20231517

Matrix: GROUNDWATER **Collection Date:** 05/17/2023 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	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Acenaphthylene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Anthracene	NELAP	).000200	0.000300	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Benzo(a)anthracene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Benzo(a)pyrene	NELAP	).000110	0.000200	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Benzo(b)fluoranthene	NELAP	).000070	0.000100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Benzo(g,h,i)perylene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Benzo(k)fluoranthene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	JH	**0.0015**	mg/L	1	05/30/2023 16:23	206618
Chrysene	NELAP	).000050	0.000100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Di-n-butyl phthalate	NELAP	).000830	0.0100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Fluoranthene	NELAP	).000270	0.000300	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Fluorene	NELAP	).000080	0.000200	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	H	**ND**	mg/L	1	05/30/2023 16:23	206618
m,p-Cresol	NELAP	).000590	0.0100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Naphthalene	NELAP	).000340	0.000400	H	**ND**	mg/L	1	05/30/2023 16:23	206618
o-Cresol	NELAP	).000540	0.0100	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Phenanthrene	NELAP	).000530	0.000600	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Pyrene	NELAP	).000180	0.000200	H	**ND**	mg/L	1	05/30/2023 16:23	206618
Surr: 2,4,6-Tribromophenol	*	0	10-179	H	**70.9**	%REC	1	05/30/2023 16:23	206618
Surr: 2-Fluorobiphenyl	*	0	21.4-142	H	**58.9**	%REC	1	05/30/2023 16:23	206618
Surr: 2-Fluorophenol	*	0	10-157	H	**39.3**	%REC	1	05/30/2023 16:23	206618
Surr: Nitrobenzene-d5	*	0	15-163	H	**53.6**	%REC	1	05/30/2023 16:23	206618
Surr: Phenol-d5	*	0	10-162	H	**36.2**	%REC	1	05/30/2023 16:23	206618
Surr: p-Terphenyl-d14	*	0	10-173	H	**77.7**	%REC	1	05/30/2023 16:23	206618

Sample required re-extraction out of hold time.

Allowable Marginal Exceedance of Pyrene 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	05/22/2023 13:19	206442
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 13:19	206442
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 13:19	206442
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 13:19	206442
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 13:19	206442
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 13:19	206442
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 13:19	206442
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 13:19	206442
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 13:19	206442
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 13:19	206442
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.6**	%REC	1	05/22/2023 13:19	206442
Surr: 4-Bromofluorobenzene	*	0	80-120		**97.5**	%REC	1	05/22/2023 13:19	206442
Surr: Dibromofluoromethane	*	0	80-120		**98.9**	%REC	1	05/22/2023 13:19	206442
Surr: Toluene-d8	*	0	80-120		**98.6**	%REC	1	05/22/2023 13:19	206442

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-036 **Client Sample ID:** GW-25-WG-20230515

Matrix: GROUNDWATER **Collection Date:** 05/15/2023 14:50

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	05/22/2023 21:25	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 21:25	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 21:25	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 21:25	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 21:25	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 21:25	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 21:25	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 21:25	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/22/2023 21:25	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 21:25	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 21:25	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 21:25	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 21:25	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 21:25	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 21:25	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 21:25	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 21:25	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 21:25	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 21:25	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 21:25	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.2**	%REC	1	05/22/2023 21:25	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**79.8**	%REC	1	05/22/2023 21:25	206419
Surr: 2-Fluorophenol	*	0	10-157		**78.3**	%REC	1	05/22/2023 21:25	206419
Surr: Nitrobenzene-d5	*	0	15-163		**79.3**	%REC	1	05/22/2023 21:25	206419
Surr: Phenol-d5	*	0	10-162		**65.7**	%REC	1	05/22/2023 21:25	206419
Surr: p-Terphenyl-d14	*	0	10-173		**93.9**	%REC	1	05/22/2023 21:25	206419
Allowable Marginal Exceedance of Pyrene 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	05/22/2023 13:44	206442
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 13:44	206442
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 13:44	206442
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 13:44	206442
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 13:44	206442
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 13:44	206442
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 13:44	206442
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 13:44	206442
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 13:44	206442
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 13:44	206442
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.5**	%REC	1	05/22/2023 13:44	206442
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.3**	%REC	1	05/22/2023 13:44	206442
Surr: Dibromofluoromethane	*	0	80-120		**99.1**	%REC	1	05/22/2023 13:44	206442
Surr: Toluene-d8	*	0	80-120		**99.0**	%REC	1	05/22/2023 13:44	206442

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Lab ID: 23051407-037 **Client Sample ID:** GW-26-WG-20230515

Matrix: GROUNDWATER **Collection Date:** 05/15/2023 15:40

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	05/22/2023 22:02	206419
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 22:02	206419
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/22/2023 22:02	206419
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 22:02	206419
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/22/2023 22:02	206419
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/22/2023 22:02	206419
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 22:02	206419
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 22:02	206419
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/22/2023 22:02	206419
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/22/2023 22:02	206419
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/22/2023 22:02	206419
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/22/2023 22:02	206419
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/22/2023 22:02	206419
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	05/22/2023 22:02	206419
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/22/2023 22:02	206419
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/22/2023 22:02	206419
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/22/2023 22:02	206419
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/22/2023 22:02	206419
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/22/2023 22:02	206419
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/22/2023 22:02	206419
Surr: 2,4,6-Tribromophenol	*	0	10-179		**83.5**	%REC	1	05/22/2023 22:02	206419
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**74.6**	%REC	1	05/22/2023 22:02	206419
Surr: 2-Fluorophenol	*	0	10-157		**72.0**	%REC	1	05/22/2023 22:02	206419
Surr: Nitrobenzene-d5	*	0	15-163		**75.4**	%REC	1	05/22/2023 22:02	206419
Surr: Phenol-d5	*	0	10-162		**59.0**	%REC	1	05/22/2023 22:02	206419
Surr: p-Terphenyl-d14	*	0	10-173		**82.4**	%REC	1	05/22/2023 22:02	206419
Allowable Marginal Exceedance of Pyrene 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	05/22/2023 14:08	206442
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	05/22/2023 14:08	206442
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/22/2023 14:08	206442
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/22/2023 14:08	206442
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/22/2023 14:08	206442
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/22/2023 14:08	206442
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/22/2023 14:08	206442
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 14:08	206442
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/22/2023 14:08	206442
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/22/2023 14:08	206442
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**97.5**	%REC	1	05/22/2023 14:08	206442
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.3**	%REC	1	05/22/2023 14:08	206442
Surr: Dibromofluoromethane	*	0	80-120		**99.3**	%REC	1	05/22/2023 14:08	206442
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/22/2023 14:08	206442

Client: ERM
Work Order: 23051407
Client Project: Ameren Taylorville 2nd Qtr 2023
Report Date: 31-May-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23051407-001	GW-01-WG-20230516	Groundwater	2	05/16/2023 9:25
23051407-002	GW-02-WG-20230518	Groundwater	2	05/18/2023 7:40
23051407-003	GW-03-WG-20230518	Groundwater	2	05/18/2023 8:05
23051407-004	GW-04R-WG-20230518	Groundwater	2	05/18/2023 10:40
23051407-005	GW-05-WG-20230516	Groundwater	2	05/16/2023 10:45
23051407-006	GW-07-WG-20230517	Groundwater	2	05/17/2023 15:50
23051407-007	GW-14-WG-20230517	Groundwater	2	05/17/2023 8:45
23051407-008	GW-15-WG-20230518	Groundwater	2	05/18/2023 10:00
23051407-009	GW-16S-WG-20230515	Groundwater	2	05/15/2023 12:30
23051407-010	GW-16D-WG-20230515	Groundwater	2	05/15/2023 13:45
23051407-011	GW-17-WG-20230515	Groundwater	2	05/15/2023 14:20
23051407-012	GW18S-WG-20230516	Groundwater	2	05/16/2023 15:40
23051407-013	GW18D-WG-20230516	Groundwater	2	05/16/2023 15:05
23051407-014	GW19S-WG-20230516	Groundwater	2	05/16/2023 13:40
23051407-015	GW19D-WG-20230516	Groundwater	2	05/16/2023 13:00
23051407-016	GW-20-WG-20230516	Groundwater	2	05/16/2023 11:35
23051407-017	GW-21-WG-20230517	Groundwater	2	05/17/2023 9:30
23051407-018	GW-22S-WG-20230516	Groundwater	2	05/16/2023 17:45
23051407-019	GW-22D-WG-20230516	Groundwater	2	05/16/2023 17:20
23051407-020	DUP-003-WG-20230518	Groundwater	2	05/18/2023 0:03
23051407-021	DUP-001-WG-20230516	Groundwater	2	05/16/2023 0:01
23051407-022	DUP-004-WG-20230518	Groundwater	2	05/18/2023 0:04
23051407-023	TB-001-WG-20230515	Trip Blank	1	05/18/2023 13:45
23051407-024	TB-002-WG-20230515	Trip Blank	1	05/18/2023 13:45
23051407-025	DUP-002-WG-20230517	Groundwater	2	05/17/2023 0:02
23051407-026	GW-09S-WG-20230517	Groundwater	2	05/17/2023 13:55
23051407-027	GW-09D-WG-20230517	Groundwater	2	05/17/2023 13:40
23051407-028	GW-12-WG-20230517	Groundwater	2	05/17/2023 9:50
23051407-029	GW-13S-WG-20230517	Groundwater	2	05/17/2023 11:10
23051407-030	GW-13D-WG-20230517	Groundwater	2	05/17/2023 10:55
23051407-031	GW-101S-WG-20230516	Groundwater	2	05/16/2023 8:00
23051407-032	GW-102S-WG-20230516	Groundwater	2	05/16/2023 9:05
23051407-033	GW-102D-WG-20230516	Groundwater	2	05/16/2023 8:45
23051407-034	GW-103S-WG-20231517	Groundwater	2	05/17/2023 12:25
23051407-035	GW-103D-WG-20231517	Groundwater	2	05/17/2023 12:10
23051407-036	GW-25-WG-20230515	Groundwater	2	05/15/2023 14:50
23051407-037	GW-26-WG-20230515	Groundwater	2	05/15/2023 15:40

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23051407-001A	GW-01-WG-20230516	05/16/2023 9:25	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:16	05/22/2023 17:40
23051407-001B	GW-01-WG-20230516	05/16/2023 9:25	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 3:10
23051407-002A	GW-02-WG-20230518	05/18/2023 7:40	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 11:47
23051407-002B	GW-02-WG-20230518	05/18/2023 7:40	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 3:35
23051407-003A	GW-03-WG-20230518	05/18/2023 8:05	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 12:24
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 17:45
23051407-003B	GW-03-WG-20230518	05/18/2023 8:05	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 4:00
23051407-004A	GW-04R-WG-20230518	05/18/2023 10:40	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 13:01
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 18:25
23051407-004B	GW-04R-WG-20230518	05/18/2023 10:40	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/25/2023 12:27
23051407-005A	GW-05-WG-20230516	05/16/2023 10:45	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:16	05/22/2023 18:18
23051407-005B	GW-05-WG-20230516	05/16/2023 10:45	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 4:51
23051407-006A	GW-07-WG-20230517	05/17/2023 15:50	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 13:38
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 19:05
23051407-006B	GW-07-WG-20230517	05/17/2023 15:50	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 5:16
23051407-007A	GW-14-WG-20230517	05/17/2023 8:45	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 15:21	05/23/2023 12:32
23051407-007B	GW-14-WG-20230517	05/17/2023 8:45	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 6:32
23051407-008A	GW-15-WG-20230518	05/18/2023 10:00	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 14:16
23051407-008B	GW-15-WG-20230518	05/18/2023 10:00	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 6:57

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23051407-009A	GW-16S-WG-20230515	05/15/2023 12:30	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:15	05/22/2023 18:55
23051407-009B	GW-16S-WG-20230515	05/15/2023 12:30	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 7:23
23051407-010A	GW-16D-WG-20230515	05/15/2023 13:45	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:15	05/22/2023 19:32
23051407-010B	GW-16D-WG-20230515	05/15/2023 13:45	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 7:48
23051407-011A	GW-17-WG-20230515	05/15/2023 14:20	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:15	05/22/2023 20:10
23051407-011B	GW-17-WG-20230515	05/15/2023 14:20	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 8:14
23051407-012A	GW18S-WG-20230516	05/16/2023 15:40	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:16	05/22/2023 20:47
23051407-012B	GW18S-WG-20230516	05/16/2023 15:40	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 8:39
23051407-013A	GW18D-WG-20230516	05/16/2023 15:05	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 9:56
23051407-013B	GW18D-WG-20230516	05/16/2023 15:05	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 9:04
23051407-014A	GW19S-WG-20230516	05/16/2023 13:40	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 10:36
23051407-014B	GW19S-WG-20230516	05/16/2023 13:40	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 9:29
23051407-015A	GW19D-WG-20230516	05/16/2023 13:00	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 16:30
23051407-015B	GW19D-WG-20230516	05/16/2023 13:00	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 9:55
23051407-016A	GW-20-WG-20230516	05/16/2023 11:35	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 11:56
23051407-016B	GW-20-WG-20230516	05/16/2023 11:35	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 10:20
23051407-017A	GW-21-WG-20230517	05/17/2023 9:30	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 15:21	05/23/2023 13:10
23051407-017B	GW-21-WG-20230517	05/17/2023 9:30	05/18/2023 13:45		

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 10:46
23051407-018A	GW-22S-WG-20230516	05/16/2023 17:45	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 12:36
23051407-018B	GW-22S-WG-20230516	05/16/2023 17:45	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 11:11
23051407-019A	GW-22D-WG-20230516	05/16/2023 17:20	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 13:15
23051407-019B	GW-22D-WG-20230516	05/16/2023 17:20	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 13:36
23051407-020A	DUP-003-WG-20230518	05/18/2023 0:03	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 14:54
23051407-020B	DUP-003-WG-20230518	05/18/2023 0:03	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 11:36
23051407-021A	DUP-001-WG-20230516	05/16/2023 0:01	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 15:12
23051407-021B	DUP-001-WG-20230516	05/16/2023 0:01	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 14:32
23051407-022A	DUP-004-WG-20230518	05/18/2023 0:04	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 15:31
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/31/2023 11:44
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/31/2023 13:36
23051407-022B	DUP-004-WG-20230518	05/18/2023 0:04	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 13:11
23051407-023A	TB-001-WG-20230515	05/18/2023 13:45	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 2:19
23051407-024A	TB-002-WG-20230515	05/18/2023 13:45	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2023 2:44
23051407-025A	DUP-002-WG-20230517	05/17/2023 0:02	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 12:16
23051407-025B	DUP-002-WG-20230517	05/17/2023 0:02	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 15:44
23051407-026A	GW-09S-WG-20230517	05/17/2023 13:55	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 12:57
23051407-026B	GW-09S-WG-20230517	05/17/2023 13:55	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 16:09

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23051407-027A	GW-09D-WG-20230517	05/17/2023 13:40	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 13:38
23051407-027B	GW-09D-WG-20230517	05/17/2023 13:40	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 16:35
23051407-028A	GW-12-WG-20230517	05/17/2023 9:50	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 17:04
23051407-028B	GW-12-WG-20230517	05/17/2023 9:50	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 17:00
23051407-029A	GW-13S-WG-20230517	05/17/2023 11:10	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 14:19
23051407-029B	GW-13S-WG-20230517	05/17/2023 11:10	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 17:26
23051407-030A	GW-13D-WG-20230517	05/17/2023 10:55	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 15:00
23051407-030B	GW-13D-WG-20230517	05/17/2023 10:55	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 17:51
23051407-031A	GW-101S-WG-20230516	05/16/2023 8:00	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 15:51
23051407-031B	GW-101S-WG-20230516	05/16/2023 8:00	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 18:17
23051407-032A	GW-102S-WG-20230516	05/16/2023 9:05	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 11:31	05/23/2023 15:39
23051407-032B	GW-102S-WG-20230516	05/16/2023 9:05	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 18:42
23051407-033A	GW-102D-WG-20230516	05/16/2023 8:45	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 15:19	05/23/2023 16:17
23051407-033B	GW-102D-WG-20230516	05/16/2023 8:45	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 19:08
23051407-034A	GW-103S-WG-20231517	05/17/2023 12:25	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 15:41
23051407-034B	GW-103S-WG-20231517	05/17/2023 12:25	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 12:55
23051407-035A	GW-103D-WG-20231517	05/17/2023 12:10	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/25/2023 14:22	05/30/2023 16:23
23051407-035B	GW-103D-WG-20231517	05/17/2023 12:10	05/18/2023 13:45		

Client: ERM
Work Order: 23051407
Client Project: Ameren Taylorville 2nd Qtr 2023
Report Date: 31-May-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 13:19
23051407-036A	GW-25-WG-20230515	05/15/2023 14:50	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:15	05/22/2023 21:25
23051407-036B	GW-25-WG-20230515	05/15/2023 14:50	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 13:44
23051407-037A	GW-26-WG-20230515	05/15/2023 15:40	05/18/2023 13:45		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/22/2023 8:15	05/22/2023 22:02
23051407-037B	GW-26-WG-20230515	05/15/2023 15:40	05/18/2023 13:45		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/22/2023 14:08

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206419 **SampType:** MBLK Units **mg/L**

SampID: MBLK-206419

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/22/2023
Acenaphthylene		0.000100		**ND**						05/22/2023
Anthracene		0.000300		**ND**						05/22/2023
Benzo(a)anthracene		0.000100		**ND**						05/22/2023
Benzo(a)pyrene		0.000200		**ND**						05/22/2023
Benzo(b)fluoranthene		0.000100		**ND**						05/22/2023
Benzo(g,h,i)perylene		0.000200		**ND**						05/22/2023
Benzo(k)fluoranthene		0.000100		**ND**						05/22/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/22/2023
Chrysene		0.000100		**ND**						05/22/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						05/22/2023
Di-n-butyl phthalate		0.0100		**ND**						05/22/2023
Fluoranthene		0.000300		**ND**						05/22/2023
Fluorene		0.000200		**ND**						05/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/22/2023
m,p-Cresol		0.0100		**ND**						05/22/2023
Naphthalene		0.000400		**ND**						05/22/2023
o-Cresol		0.0100		**ND**						05/22/2023
Phenanthrene		0.000600		**ND**						05/22/2023
Pyrene		0.000200		**ND**						05/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00178**	0.0020		88.8	32.3	170	05/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000740**	0.0010		74.0	39.9	111	05/22/2023
Surr: 2-Fluorophenol	*			**0.00179**	0.0020		89.7	46.8	106	05/22/2023
Surr: Nitrobenzene-d5	*			**0.000749**	0.0010		74.9	44.3	106	05/22/2023
Surr: Phenol-d5	*			**0.00125**	0.0020		62.4	34.8	108	05/22/2023
Surr: p-Terphenyl-d14	*			**0.00103**	0.0010		103.4	58.2	153	05/22/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206419 **SampType:** LCS Units **mg/L**

SampID: LCS-206419

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00169**	0.0020	0	84.7	37.4	125	05/22/2023
Acenaphthylene		0.000100		**0.00182**	0.0020	0	90.9	44	132	05/22/2023
Anthracene		0.000300		**0.00170**	0.0020	0	84.9	55.8	117	05/22/2023
Benzo(a)anthracene		0.000100		**0.00176**	0.0020	0	88.0	68	112	05/22/2023
Benzo(a)pyrene		0.000200		**0.00183**	0.0020	0	91.5	59.2	118	05/22/2023
Benzo(b)fluoranthene		0.000100		**0.00188**	0.0020	0	94.2	67.9	113	05/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00185**	0.0020	0	92.7	33.6	173	05/22/2023
Benzo(k)fluoranthene		0.000100		**0.00179**	0.0020	0	89.5	73.3	133	05/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0027**	0.0020	0	135.5	55.2	189	05/22/2023
Chrysene		0.000100		**0.00175**	0.0020	0	87.6	72.1	131	05/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00192**	0.0020	0	96.0	69.1	144	05/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	86.8	52.8	148	05/22/2023
Fluoranthene		0.000300		**0.00187**	0.0020	0	93.7	73.5	122	05/22/2023
Fluorene		0.000200		**0.00179**	0.0020	0	89.7	46.5	124	05/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00187**	0.0020	0	93.5	71.2	147	05/22/2023
m,p-Cresol		0.0100		**0.0155**	0.0200	0	77.4	55	96.3	05/22/2023
Naphthalene		0.000400		**0.00172**	0.0020	0	86.0	30.4	125	05/22/2023
o-Cresol		0.0100		**0.0157**	0.0200	0	78.6	58.1	92.8	05/22/2023
Phenanthrene		0.000600		**0.00176**	0.0020	0	88.0	63.7	118	05/22/2023
Pyrene		0.000200	S	**0.00137**	0.0020	0	68.5	69.5	126	05/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00175**	0.0020		87.3	32.3	170	05/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000717**	0.0010		71.7	39.9	111	05/22/2023
Surr: 2-Fluorophenol	*			**0.00200**	0.0020		100.2	46.8	106	05/22/2023
Surr: Nitrobenzene-d5	*			**0.000781**	0.0010		78.1	44.3	106	05/22/2023
Surr: Phenol-d5	*			**0.00133**	0.0020		66.4	34.8	108	05/22/2023
Surr: p-Terphenyl-d14	*			**0.000824**	0.0010		82.4	58.2	153	05/22/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch **206419** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-206419

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00171**	0.0020	0	85.7	0.001694	1.14	05/22/2023
Acenaphthylene		0.000100		**0.00182**	0.0020	0	91.2	0.001818	0.36	05/22/2023
Anthracene		0.000300		**0.00171**	0.0020	0	85.3	0.001698	0.53	05/22/2023
Benzo(a)anthracene		0.000100		**0.00176**	0.0020	0	88.0	0.001761	0.01	05/22/2023
Benzo(a)pyrene		0.000200		**0.00186**	0.0020	0	93.0	0.001831	1.64	05/22/2023
Benzo(b)fluoranthene		0.000100		**0.00189**	0.0020	0	94.4	0.001884	0.29	05/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00188**	0.0020	0	94.0	0.001854	1.40	05/22/2023
Benzo(k)fluoranthene		0.000100		**0.00180**	0.0020	0	89.8	0.001790	0.36	05/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0027**	0.0020	0	135.9	0.002710	0.00	05/22/2023
Chrysene		0.000100		**0.00176**	0.0020	0	88.1	0.001752	0.51	05/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00194**	0.0020	0	97.0	0.001920	1.07	05/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	86.9	0.001737	0.00	05/22/2023
Fluoranthene		0.000300		**0.00188**	0.0020	0	94.0	0.001875	0.34	05/22/2023
Fluorene		0.000200		**0.00179**	0.0020	0	89.5	0.001793	0.15	05/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00187**	0.0020	0	93.7	0.001870	0.19	05/22/2023
m,p-Cresol		0.0100		**0.0150**	0.0200	0	75.2	0.01549	2.89	05/22/2023
Naphthalene		0.000400		**0.00166**	0.0020	0	83.2	0.001720	3.29	05/22/2023
o-Cresol		0.0100		**0.0155**	0.0200	0	77.4	0.01572	1.60	05/22/2023
Phenanthrene		0.000600		**0.00177**	0.0020	0	88.7	0.001761	0.79	05/22/2023
Pyrene		0.000200		**0.00142**	0.0020	0	71.1	0.001370	3.69	05/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00164**	0.0020		82.0			05/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000670**	0.0010		67.0			05/22/2023
Surr: 2-Fluorophenol	*			**0.00116**	0.0020		58.2			05/22/2023
Surr: Nitrobenzene-d5	*			**0.000731**	0.0010		73.1			05/22/2023
Surr: Phenol-d5	*			**0.00128**	0.0020		64.1			05/22/2023
Surr: p-Terphenyl-d14	*			**0.000796**	0.0010		79.6			05/22/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206419 **SampType:** MS Units **mg/L**

SampID: 23051407-019AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00159**	0.0020	0	79.3	28.3	133	05/23/2023
Acenaphthylene		0.000100		**0.00166**	0.0020	0	83.2	5	176	05/23/2023
Anthracene		0.000300		**0.00159**	0.0020	0	79.7	34.6	131	05/23/2023
Benzo(a)anthracene		0.000100		**0.00168**	0.0020	0	84.0	40.3	132	05/23/2023
Benzo(a)pyrene		0.000200		**0.00177**	0.0020	0	88.7	40.8	132	05/23/2023
Benzo(b)fluoranthene		0.000100		**0.00170**	0.0020	0	84.8	41.9	132	05/23/2023
Benzo(g,h,i)perylene		0.000200		**0.00170**	0.0020	0	85.1	46	132	05/23/2023
Benzo(k)fluoranthene		0.000100		**0.00184**	0.0020	0	91.9	49.4	126	05/23/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0024**	0.0020	0	118.6	18.4	222	05/23/2023
Chrysene		0.000100		**0.00163**	0.0020	0	81.4	46.1	129	05/23/2023
Dibenzo(a,h)anthracene		0.000200		**0.00196**	0.0020	0	97.9	42.1	146	05/23/2023
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	101.3	59.6	146	05/23/2023
Fluoranthene		0.000300		**0.00167**	0.0020	0	83.7	23.9	164	05/23/2023
Fluorene		0.000200		**0.00162**	0.0020	0	80.8	24.3	148	05/23/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00187**	0.0020	0	93.4	26.6	157	05/23/2023
m,p-Cresol		0.0100		**0.0157**	0.0200	0	78.4	5	156	05/23/2023
Naphthalene		0.000400		**0.00131**	0.0020	0	65.6	24.2	132	05/23/2023
o-Cresol		0.0100		**0.0150**	0.0200	0	75.1	38	113	05/23/2023
Phenanthrene		0.000600		**0.00165**	0.0020	0	82.3	36.6	139	05/23/2023
Pyrene		0.000200		**0.00202**	0.0020	0	100.9	14.6	169	05/23/2023
Surr: 2,4,6-Tribromophenol	*			**0.00169**	0.0020		84.4	10	179	05/23/2023
Surr: 2-Fluorobiphenyl	*			**0.000788**	0.0010		78.8	21.4	142	05/23/2023
Surr: 2-Fluorophenol	*			**0.00119**	0.0020		59.4	10	157	05/23/2023
Surr: Nitrobenzene-d5	*			**0.000767**	0.0010		76.7	15	163	05/23/2023
Surr: Phenol-d5	*			**0.00117**	0.0020		58.6	10	162	05/23/2023
Surr: p-Terphenyl-d14	*			**0.00101**	0.0010		101.3	10	173	05/23/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch **206419** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 23051407-019AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00156**	0.0020	0	77.9	0.001586	1.78	05/23/2023
Acenaphthylene		0.000100		**0.00180**	0.0020	0	90.2	0.001664	8.08	05/23/2023
Anthracene		0.000300		**0.00166**	0.0020	0	82.9	0.001594	3.97	05/23/2023
Benzo(a)anthracene		0.000100		**0.00173**	0.0020	0	86.4	0.001680	2.78	05/23/2023
Benzo(a)pyrene		0.000200		**0.00187**	0.0020	0	93.4	0.001774	5.17	05/23/2023
Benzo(b)fluoranthene		0.000100		**0.00171**	0.0020	0	85.4	0.001697	0.66	05/23/2023
Benzo(g,h,i)perylene		0.000200		**0.00176**	0.0020	0	87.9	0.001702	3.21	05/23/2023
Benzo(k)fluoranthene		0.000100		**0.00185**	0.0020	0	92.4	0.001838	0.59	05/23/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	116.9	0.002372	0.00	05/23/2023
Chrysene		0.000100		**0.00170**	0.0020	0	84.9	0.001627	4.22	05/23/2023
Dibenzo(a,h)anthracene		0.000200		**0.00184**	0.0020	0	91.8	0.001959	6.49	05/23/2023
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	102.4	0.002027	0.00	05/23/2023
Fluoranthene		0.000300		**0.00171**	0.0020	0	85.5	0.001675	2.09	05/23/2023
Fluorene		0.000200		**0.00169**	0.0020	0	84.4	0.001615	4.40	05/23/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00195**	0.0020	0	97.6	0.001867	4.45	05/23/2023
m,p-Cresol		0.0100		**0.0155**	0.0200	0	77.7	0.01569	0.90	05/23/2023
Naphthalene		0.000400		**0.00135**	0.0020	0	67.7	0.001311	3.23	05/23/2023
o-Cresol		0.0100		**0.0153**	0.0200	0	76.5	0.01501	1.91	05/23/2023
Phenanthrene		0.000600		**0.00164**	0.0020	0	82.1	0.001647	0.29	05/23/2023
Pyrene		0.000200		**0.00207**	0.0020	0	103.4	0.002018	2.50	05/23/2023
Surr: 2,4,6-Tribromophenol	*			**0.00145**	0.0020		72.3			05/23/2023
Surr: 2-Fluorobiphenyl	*			**0.000658**	0.0010		65.8			05/23/2023
Surr: 2-Fluorophenol	*			**0.00105**	0.0020		52.6			05/23/2023
Surr: Nitrobenzene-d5	*			**0.000703**	0.0010		70.3			05/23/2023
Surr: Phenol-d5	*			**0.00105**	0.0020		52.3			05/23/2023
Surr: p-Terphenyl-d14	*			**0.000923**	0.0010		92.3			05/23/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206461 **SampType:** MBLK Units **mg/L**

SampID: MBLK-206461

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/23/2023
Acenaphthylene		0.000100		**ND**						05/23/2023
Anthracene		0.000300		**ND**						05/23/2023
Benzo(a)anthracene		0.000100		**ND**						05/23/2023
Benzo(a)pyrene		0.000200		**ND**						05/23/2023
Benzo(b)fluoranthene		0.000100		**ND**						05/23/2023
Benzo(g,h,i)perylene		0.000200		**ND**						05/23/2023
Benzo(k)fluoranthene		0.000100		**ND**						05/23/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/23/2023
Chrysene		0.000100		**ND**						05/23/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						05/23/2023
Di-n-butyl phthalate		0.0100		**ND**						05/23/2023
Fluoranthene		0.000300		**ND**						05/23/2023
Fluorene		0.000200		**ND**						05/23/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/23/2023
m,p-Cresol		0.0100		**ND**						05/23/2023
Naphthalene		0.000400		**ND**						05/23/2023
o-Cresol		0.0100		**ND**						05/23/2023
Phenanthrene		0.000600		**ND**						05/23/2023
Pyrene		0.000200		**ND**						05/23/2023
Surr: 2,4,6-Tribromophenol	*			**0.00167**	0.0020		83.3	32.3	170	05/23/2023
Surr: 2-Fluorobiphenyl	*			**0.000671**	0.0010		67.1	39.9	111	05/23/2023
Surr: 2-Fluorophenol	*			**0.00183**	0.0020		91.6	46.8	106	05/23/2023
Surr: Nitrobenzene-d5	*			**0.000693**	0.0010		69.3	44.3	106	05/23/2023
Surr: Phenol-d5	*			**0.00119**	0.0020		59.4	34.8	108	05/23/2023
Surr: p-Terphenyl-d14	*			**0.000848**	0.0010		84.8	58.2	153	05/23/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206461 **SampType:** LCS Units **mg/L**

SampID: LCS-206461

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00160**	0.0020	0	80.1	37.4	125	05/23/2023
Acenaphthylene		0.000100		**0.00173**	0.0020	0	86.4	44	132	05/23/2023
Anthracene		0.000300		**0.00169**	0.0020	0	84.6	55.8	117	05/23/2023
Benzo(a)anthracene		0.000100		**0.00177**	0.0020	0	88.7	68	112	05/23/2023
Benzo(a)pyrene		0.000200		**0.00189**	0.0020	0	94.7	59.2	118	05/23/2023
Benzo(b)fluoranthene		0.000100		**0.00190**	0.0020	0	95.1	67.9	113	05/23/2023
Benzo(g,h,i)perylene		0.000200		**0.00187**	0.0020	0	93.6	33.6	173	05/23/2023
Benzo(k)fluoranthene		0.000100		**0.00182**	0.0020	0	91.2	73.3	133	05/23/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0038**	0.0020	0	188.8	55.2	189	05/23/2023
Chrysene		0.000100		**0.00179**	0.0020	0	89.3	72.1	131	05/23/2023
Dibenzo(a,h)anthracene		0.000200		**0.00197**	0.0020	0	98.5	69.1	144	05/23/2023
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	88.2	52.8	148	05/23/2023
Fluoranthene		0.000300		**0.00187**	0.0020	0	93.6	73.5	122	05/23/2023
Fluorene		0.000200		**0.00171**	0.0020	0	85.3	46.5	124	05/23/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00191**	0.0020	0	95.5	71.2	147	05/23/2023
m,p-Cresol		0.0100		**0.0163**	0.0200	0	81.3	55	96.3	05/23/2023
Naphthalene		0.000400		**0.00159**	0.0020	0	79.5	30.4	125	05/23/2023
o-Cresol		0.0100		**0.0166**	0.0200	0	83.0	58.1	92.8	05/23/2023
Phenanthrene		0.000600		**0.00176**	0.0020	0	87.9	63.7	118	05/23/2023
Pyrene		0.000200		**0.00139**	0.0020	0	69.5	69.5	126	05/23/2023
Surr: 2,4,6-Tribromophenol	*			**0.00188**	0.0020		94.1	32.3	170	05/23/2023
Surr: 2-Fluorobiphenyl	*			**0.000710**	0.0010		71.0	39.9	111	05/23/2023
Surr: 2-Fluorophenol	*			**0.00186**	0.0020		93.0	46.8	106	05/23/2023
Surr: Nitrobenzene-d5	*			**0.000757**	0.0010		75.7	44.3	106	05/23/2023
Surr: Phenol-d5	*			**0.00135**	0.0020		67.6	34.8	108	05/23/2023
Surr: p-Terphenyl-d14	*			**0.000913**	0.0010		91.3	58.2	153	05/23/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206461 **SampType:** LCSD Units **mg/L** RPD Limit: **40**

SampID: LCSD-206461

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00185**	0.0020	0	92.3	0.001603	14.09	05/25/2023
Acenaphthylene		0.000100		**0.00197**	0.0020	0	98.4	0.001728	12.99	05/25/2023
Anthracene		0.000300		**0.00193**	0.0020	0	96.4	0.001692	13.02	05/25/2023
Benzo(a)anthracene		0.000100		**0.00201**	0.0020	0	100.3	0.001774	12.31	05/25/2023
Benzo(a)pyrene		0.000200		**0.00213**	0.0020	0	106.6	0.001894	11.83	05/25/2023
Benzo(b)fluoranthene		0.000100		**0.00218**	0.0020	0	108.8	0.001902	13.37	05/25/2023
Benzo(g,h,i)perylene		0.000200		**0.00220**	0.0020	0	110.2	0.001872	16.31	05/25/2023
Benzo(k)fluoranthene		0.000100		**0.00212**	0.0020	0	106.1	0.001825	15.05	05/25/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0030**	0.0020	0	148.5	0.003775	0.00	05/25/2023
Chrysene		0.000100		**0.00198**	0.0020	0	99.0	0.001786	10.28	05/25/2023
Dibenzo(a,h)anthracene		0.000200		**0.00227**	0.0020	0	113.6	0.001970	14.23	05/25/2023
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	100.7	0.001764	0.00	05/25/2023
Fluoranthene		0.000300		**0.00207**	0.0020	0	103.4	0.001871	10.04	05/25/2023
Fluorene		0.000200		**0.00192**	0.0020	0	96.1	0.001706	11.91	05/25/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00214**	0.0020	0	107.0	0.001911	11.29	05/25/2023
m,p-Cresol		0.0100		**0.0168**	0.0200	0	84.0	0.01626	3.27	05/25/2023
Naphthalene		0.000400		**0.00177**	0.0020	0	88.6	0.001590	10.80	05/25/2023
o-Cresol		0.0100		**0.0166**	0.0200	0	83.2	0.01660	0.23	05/25/2023
Phenanthrene		0.000600		**0.00200**	0.0020	0	100.0	0.001758	12.83	05/25/2023
Pyrene		0.000200		**0.00173**	0.0020	0	86.6	0.001390	21.89	05/25/2023
Surr: 2,4,6-Tribromophenol	*			**0.00205**	0.0020		102.5			05/25/2023
Surr: 2-Fluorobiphenyl	*			**0.000819**	0.0010		81.9			05/25/2023
Surr: 2-Fluorophenol	*			**0.00158**	0.0020		79.0			05/25/2023
Surr: Nitrobenzene-d5	*			**0.000880**	0.0010		88.0			05/25/2023
Surr: Phenol-d5	*			**0.00146**	0.0020		73.1			05/25/2023
Surr: p-Terphenyl-d14	*			**0.00104**	0.0010		104.4			05/25/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206461 **SampType:** MS Units **mg/L**

SampID: 23051407-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00145**	0.0020	0.0001149	66.8	28.3	133	05/24/2023
Acenaphthylene		0.000100		**0.00163**	0.0020	0.0001062	76.0	5	176	05/24/2023
Anthracene		0.000300		**0.00236**	0.0020	0.0009611	70.2	34.6	131	05/24/2023
Benzo(a)anthracene		0.000100		**0.00169**	0.0020	0.0001417	77.5	40.3	132	05/24/2023
Benzo(a)pyrene		0.000200		**0.00172**	0.0020	0	86.1	40.8	132	05/24/2023
Benzo(b)fluoranthene		0.000100		**0.00160**	0.0020	0	80.2	41.9	132	05/24/2023
Benzo(g,h,i)perylene		0.000200		**0.00166**	0.0020	0	82.9	46	132	05/24/2023
Benzo(k)fluoranthene		0.000100		**0.00175**	0.0020	0	87.6	49.4	126	05/24/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0043**	0.0020	0.002519	87.4	18.4	222	05/24/2023
Chrysene		0.000100		**0.00161**	0.0020	0.0001052	75.2	46.1	129	05/24/2023
Dibenzo(a,h)anthracene		0.000200		**0.00182**	0.0020	0	91.1	42.1	146	05/24/2023
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	96.5	59.6	146	05/24/2023
Fluoranthene		0.000300		**0.00236**	0.0020	0.0008692	74.8	23.9	164	05/24/2023
Fluorene		0.000200		**0.00166**	0.0020	0.0002663	69.6	24.3	148	05/24/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00174**	0.0020	0	87.1	26.6	157	05/24/2023
m,p-Cresol		0.0100		**0.0136**	0.0200	0	67.9	5	156	05/24/2023
Naphthalene		0.000400	S	**0.00129**	0.0020	0.0009223	18.4	24.2	132	05/24/2023
o-Cresol		0.0100		**0.0132**	0.0200	0	66.1	38	113	05/24/2023
Phenanthrene		0.000600		**0.00159**	0.0020	0	79.6	36.6	139	05/24/2023
Pyrene		0.000200		**0.00387**	0.0020	0.002223	82.4	14.6	169	05/24/2023
Surr: 2,4,6-Tribromophenol	*			**0.00156**	0.0020		78.0	10	179	05/24/2023
Surr: 2-Fluorobiphenyl	*			**0.000634**	0.0010		63.4	21.4	142	05/24/2023
Surr: 2-Fluorophenol	*			**0.000986**	0.0020		49.3	10	157	05/24/2023
Surr: Nitrobenzene-d5	*			**0.000677**	0.0010		67.7	15	163	05/24/2023
Surr: Phenol-d5	*			**0.00106**	0.0020		53.1	10	162	05/24/2023
Surr: p-Terphenyl-d14	*			**0.000943**	0.0010		94.3	10	173	05/24/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206461 **SampType:** MSD Units **mg/L** RPD Limit: **40**

SampID: 23051407-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100	S	**ND**	0.0020	0.0001149	-5.7	0.001452	0.00	05/24/2023
Acenaphthylene		0.000100	S	**ND**	0.0020	0.0001062	-5.3	0.001626	0.00	05/24/2023
Anthracene		0.000300	S	**ND**	0.0020	0.0009611	-48.1	0.002364	0.00	05/24/2023
Benzo(a)anthracene		0.000100	S	**ND**	0.0020	0.0001417	-7.1	0.001692	0.00	05/24/2023
Benzo(a)pyrene		0.000200	S	**ND**	0.0020	0	0	0.001722	0.00	05/24/2023
Benzo(b)fluoranthene		0.000100	S	**ND**	0.0020	0	0	0.001604	0.00	05/24/2023
Benzo(g,h,i)perylene		0.000200	S	**ND**	0.0020	0	0	0.001657	0.00	05/24/2023
Benzo(k)fluoranthene		0.000100	S	**ND**	0.0020	0	0	0.001752	0.00	05/24/2023
Bis(2-ethylhexyl)phthalate		0.00600	S	**ND**	0.0020	0.002519	-125.9	0.004267	0.00	05/24/2023
Chrysene		0.000100	S	**ND**	0.0020	0.0001052	-5.3	0.001610	0.00	05/24/2023
Dibenzo(a,h)anthracene		0.000200	S	**ND**	0.0020	0	0	0.001823	0.00	05/24/2023
Di-n-butyl phthalate		0.0100	S	**ND**	0.0020	0	0	0.001930	0.00	05/24/2023
Fluoranthene		0.000300	S	**ND**	0.0020	0.0008692	-43.5	0.002364	0.00	05/24/2023
Fluorene		0.000200	S	**ND**	0.0020	0.0002663	-13.3	0.001659	0.00	05/24/2023
Indeno(1,2,3-cd)pyrene		0.000200	S	**ND**	0.0020	0	0	0.001741	0.00	05/24/2023
m,p-Cresol		0.0100	S	**ND**	0.0200	0	0	0.01358	0.00	05/24/2023
Naphthalene		0.000400	S	**ND**	0.0020	0.0009223	-46.1	0.001291	0.00	05/24/2023
o-Cresol		0.0100	S	**ND**	0.0200	0	0	0.01321	0.00	05/24/2023
Phenanthrene		0.000600	S	**ND**	0.0020	0	0	0.001593	0.00	05/24/2023
Pyrene		0.000200	S	**ND**	0.0020	0.002223	-111.2	0.003870	0.00	05/24/2023
Surr: 2,4,6-Tribromophenol	*			**0.00165**	0.0020		82.4			05/24/2023
Surr: 2-Fluorobiphenyl	*			**0.000604**	0.0010		60.4			05/24/2023
Surr: 2-Fluorophenol	*			**0.000937**	0.0020		46.8			05/24/2023
Surr: Nitrobenzene-d5	*			**0.000603**	0.0010		60.3			05/24/2023
Surr: Phenol-d5	*			**0.000777**	0.0020		38.9			05/24/2023
Surr: p-Terphenyl-d14	*			**0.000851**	0.0010		85.1			05/24/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206618 **SampType:** MBLK Units **mg/L**

SampID: MBLK-206618

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/30/2023
Acenaphthylene		0.000100		**ND**						05/30/2023
Anthracene		0.000300		**ND**						05/30/2023
Benzo(a)anthracene		0.000100		**ND**						05/30/2023
Benzo(a)pyrene		0.000200		**ND**						05/30/2023
Benzo(b)fluoranthene		0.000100		**ND**						05/30/2023
Benzo(g,h,i)perylene		0.000200		**ND**						05/30/2023
Benzo(k)fluoranthene		0.000100		**ND**						05/30/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/30/2023
Chrysene		0.000100		**ND**						05/30/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						05/30/2023
Di-n-butyl phthalate		0.0100		**ND**						05/30/2023
Fluoranthene		0.000300		**ND**						05/30/2023
Fluorene		0.000200		**ND**						05/30/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/30/2023
m,p-Cresol		0.0100		**ND**						05/30/2023
Naphthalene		0.000400		**ND**						05/30/2023
o-Cresol		0.0100		**ND**						05/30/2023
Phenanthrene		0.000600		**ND**						05/30/2023
Pyrene		0.000200		**ND**						05/30/2023
Surr: 2,4,6-Tribromophenol	*			**0.00160**	0.0020		80.1	32.3	170	05/30/2023
Surr: 2-Fluorobiphenyl	*			**0.000734**	0.0010		73.4	39.9	111	05/30/2023
Surr: 2-Fluorophenol	*			**0.00174**	0.0020		87.2	46.8	106	05/30/2023
Surr: Nitrobenzene-d5	*			**0.000783**	0.0010		78.3	44.3	106	05/30/2023
Surr: Phenol-d5	*			**0.00118**	0.0020		59.2	34.8	108	05/30/2023
Surr: p-Terphenyl-d14	*			**0.000805**	0.0010		80.5	58.2	153	05/30/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206618 **SampType:** LCS Units **mg/L**

SampID: LCS-206618

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00155**	0.0020	0	77.6	37.4	125	05/30/2023
Acenaphthylene		0.000100		**0.00167**	0.0020	0	83.5	44	132	05/30/2023
Anthracene		0.000300		**0.00155**	0.0020	0	77.6	55.8	117	05/30/2023
Benzo(a)anthracene		0.000100		**0.00166**	0.0020	0	82.8	68	112	05/30/2023
Benzo(a)pyrene		0.000200		**0.00171**	0.0020	0	85.6	59.2	118	05/30/2023
Benzo(b)fluoranthene		0.000100		**0.00176**	0.0020	0	88.1	67.9	113	05/30/2023
Benzo(g,h,i)perylene		0.000200		**0.00172**	0.0020	0	86.2	33.6	173	05/30/2023
Benzo(k)fluoranthene		0.000100		**0.00174**	0.0020	0	86.9	73.3	133	05/30/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	114.7	55.2	189	05/30/2023
Chrysene		0.000100		**0.00164**	0.0020	0	82.2	72.1	131	05/30/2023
Dibenzo(a,h)anthracene		0.000200		**0.00187**	0.0020	0	93.7	69.1	144	05/30/2023
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	85.5	52.8	148	05/30/2023
Fluoranthene		0.000300		**0.00162**	0.0020	0	80.9	73.5	122	05/30/2023
Fluorene		0.000200		**0.00164**	0.0020	0	82.0	46.5	124	05/30/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00179**	0.0020	0	89.4	71.2	147	05/30/2023
m,p-Cresol		0.0100		**0.0132**	0.0200	0	65.8	55	96.3	05/30/2023
Naphthalene		0.000400		**0.00153**	0.0020	0	76.7	30.4	125	05/30/2023
o-Cresol		0.0100		**0.0127**	0.0200	0	63.7	58.1	92.8	05/30/2023
Phenanthrene		0.000600		**0.00161**	0.0020	0	80.7	63.7	118	05/30/2023
Pyrene		0.000200	S	**0.00125**	0.0020	0	62.7	69.5	126	05/30/2023
Surr: 2,4,6-Tribromophenol	*			**0.00154**	0.0020		77.1	32.3	170	05/30/2023
Surr: 2-Fluorobiphenyl	*			**0.000631**	0.0010		63.1	39.9	111	05/30/2023
Surr: 2-Fluorophenol	*			**0.00127**	0.0020		63.4	46.8	106	05/30/2023
Surr: Nitrobenzene-d5	*			**0.000711**	0.0010		71.1	44.3	106	05/30/2023
Surr: Phenol-d5	*			**0.00110**	0.0020		55.0	34.8	108	05/30/2023
Surr: p-Terphenyl-d14	*			**0.000727**	0.0010		72.7	58.2	153	05/30/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206618 **SampType:** LCSD Units **mg/L** RPD Limit: **40**

SampID: LCSD-206618

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00158**	0.0020	0	78.9	0.001552	1.64	05/30/2023
Acenaphthylene		0.000100		**0.00170**	0.0020	0	85.2	0.001670	1.99	05/30/2023
Anthracene		0.000300		**0.00159**	0.0020	0	79.4	0.001553	2.22	05/30/2023
Benzo(a)anthracene		0.000100		**0.00169**	0.0020	0	84.5	0.001656	2.06	05/30/2023
Benzo(a)pyrene		0.000200		**0.00173**	0.0020	0	86.7	0.001712	1.33	05/30/2023
Benzo(b)fluoranthene		0.000100		**0.00177**	0.0020	0	88.3	0.001761	0.27	05/30/2023
Benzo(g,h,i)perylene		0.000200		**0.00177**	0.0020	0	88.5	0.001723	2.69	05/30/2023
Benzo(k)fluoranthene		0.000100		**0.00170**	0.0020	0	84.8	0.001737	2.37	05/30/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	111.9	0.002293	0.00	05/30/2023
Chrysene		0.000100		**0.00166**	0.0020	0	82.8	0.001643	0.75	05/30/2023
Dibenzo(a,h)anthracene		0.000200		**0.00182**	0.0020	0	91.1	0.001874	2.81	05/30/2023
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	85.3	0.001710	0.00	05/30/2023
Fluoranthene		0.000300		**0.00167**	0.0020	0	83.4	0.001617	3.08	05/30/2023
Fluorene		0.000200		**0.00167**	0.0020	0	83.4	0.001641	1.58	05/30/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00178**	0.0020	0	88.8	0.001789	0.67	05/30/2023
m,p-Cresol		0.0100		**0.0130**	0.0200	0	64.8	0.01316	1.58	05/30/2023
Naphthalene		0.000400		**0.00156**	0.0020	0	78.1	0.001533	1.91	05/30/2023
o-Cresol		0.0100		**0.0125**	0.0200	0	62.6	0.01274	1.75	05/30/2023
Phenanthrene		0.000600		**0.00165**	0.0020	0	82.4	0.001614	2.06	05/30/2023
Pyrene		0.000200	S	**0.00131**	0.0020	0	65.3	0.001253	4.20	05/30/2023
Surr: 2,4,6-Tribromophenol	*			**0.00178**	0.0020		89.1			05/30/2023
Surr: 2-Fluorobiphenyl	*			**0.000696**	0.0010		69.6			05/30/2023
Surr: 2-Fluorophenol	*			**0.00138**	0.0020		68.9			05/30/2023
Surr: Nitrobenzene-d5	*			**0.000774**	0.0010		77.4			05/30/2023
Surr: Phenol-d5	*			**0.00116**	0.0020		58.1			05/30/2023
Surr: p-Terphenyl-d14	*			**0.000763**	0.0010		76.3			05/30/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206431 **SampType:** MBLK Units µg/L

SampID: MBLK-AK230519AW-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/20/2023
Bromoform	*	2.0		**ND**						05/20/2023
Ethylbenzene	*	2.0		**ND**						05/20/2023
m,p-Xylenes	*	2.0		**ND**						05/20/2023
Methylene chloride	*	2.0		**ND**						05/20/2023
Naphthalene	*	5.0		**ND**						05/20/2023
o-Xylene	*	2.0		**ND**						05/20/2023
Toluene	*	2.0		**ND**						05/20/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						05/20/2023
Xylenes, Total	*	4.0		**ND**						05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**53.1**	50.00		106.3	80	120	05/20/2023
Surr: 4-Bromofluorobenzene	*			**51.6**	50.00		103.3	80	120	05/20/2023
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.4	80	120	05/20/2023
Surr: Toluene-d8	*			**49.9**	50.00		99.8	80	120	05/20/2023

Batch 206431 **SampType:** LCS Units µg/L

SampID: LCS-AK230519AW-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**51.4**	50.00	0	102.9	78.5	119	05/20/2023
Bromoform	*	2.0		**51.4**	50.00	0	102.7	78.9	121	05/20/2023
Ethylbenzene	*	2.0		**51.8**	50.00	0	103.5	78.2	114	05/20/2023
m,p-Xylenes	*	2.0		**107**	100.0	0	106.7	77.2	116	05/20/2023
Methylene chloride	*	2.0		**53.9**	50.00	0	107.7	71.8	115	05/20/2023
Naphthalene	*	5.0		**51.3**	50.00	0	102.6	75.6	121	05/20/2023
o-Xylene	*	2.0		**51.9**	50.00	0	103.8	79.2	112	05/20/2023
Toluene	*	2.0		**51.7**	50.00	0	103.4	78.6	112	05/20/2023
trans-1,2-Dichloroethene	*	2.0		**54.9**	50.00	0	109.8	75.7	130	05/20/2023
Xylenes, Total	*	4.0		**159**	150.0	0	105.7	78.3	114	05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**53.1**	50.00		106.3	80	120	05/20/2023
Surr: 4-Bromofluorobenzene	*			**51.0**	50.00		102.0	80	120	05/20/2023
Surr: Dibromofluoromethane	*			**50.0**	50.00		100.0	80	120	05/20/2023
Surr: Toluene-d8	*			**49.6**	50.00		99.2	80	120	05/20/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206431 **SampType:** LCSD Units µg/L RPD Limit: 15.9

SampID: LCSD-AK230519AW-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**52.1**	50.00	0	104.2	51.43	1.31	05/20/2023
Bromoform	*	2.0		**51.4**	50.00	0	102.9	51.35	0.16	05/20/2023
Ethylbenzene	*	2.0		**52.5**	50.00	0	105.0	51.75	1.46	05/20/2023
m,p-Xylenes	*	2.0		**107**	100.0	0	107.2	106.7	0.50	05/20/2023
Methylene chloride	*	2.0		**55.1**	50.00	0	110.2	53.86	2.31	05/20/2023
Naphthalene	*	5.0		**51.5**	50.00	0	103.1	51.32	0.41	05/20/2023
o-Xylene	*	2.0		**52.5**	50.00	0	105.1	51.92	1.19	05/20/2023
Toluene	*	2.0		**52.0**	50.00	0	104.0	51.69	0.56	05/20/2023
trans-1,2-Dichloroethene	*	2.0		**56.0**	50.00	0	112.1	54.91	2.05	05/20/2023
Xylenes, Total	*	4.0		**160**	150.0	0	106.5	158.6	0.72	05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**52.5**	50.00		105.1			05/20/2023
Surr: 4-Bromofluorobenzene	*			**51.4**	50.00		102.9			05/20/2023
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.2			05/20/2023
Surr: Toluene-d8	*			**49.2**	50.00		98.5			05/20/2023

Batch 206431 **SampType:** MS Units µg/L

SampID: 23051407-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**45.4**	50.00	0	90.8	72	120	05/20/2023
Ethylbenzene		1.00		**47.0**	50.00	0	94.0	74.8	115	05/20/2023
m,p-Xylenes		1.00		**51.4**	50.00	0	102.7	69.7	115	05/20/2023
o-Xylene		1.00		**47.7**	50.00	0	95.3	72.9	111	05/20/2023
Toluene		2.00		**46.6**	50.00	0	93.1	70.6	109	05/20/2023
Xylenes, Total		2.00		**99.0**	100.0	0	99.0	72.1	113	05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**54.6**	50.00		109.1	80	120	05/20/2023
Surr: 4-Bromofluorobenzene	*			**51.0**	50.00		102.1	80	120	05/20/2023
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.7	80	120	05/20/2023
Surr: Toluene-d8	*			**49.7**	50.00		99.5	80	120	05/20/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206431 **SampType:** MSD Units µg/L RPD Limit: 20

SampID: 23051407-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**47.3**	50.00	0	94.6	45.39	4.12	05/20/2023
Ethylbenzene		1.00		**49.0**	50.00	0	98.0	47.00	4.19	05/20/2023
m,p-Xylenes		1.00		**53.6**	50.00	0	107.3	51.37	4.34	05/20/2023
o-Xylene		1.00		**49.8**	50.00	0	99.6	47.67	4.39	05/20/2023
Toluene		2.00		**49.0**	50.00	0	98.0	46.56	5.15	05/20/2023
Xylenes, Total		2.00		**103**	100.0	0	103.5	99.04	4.37	05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**54.2**	50.00		108.4			05/20/2023
Surr: 4-Bromofluorobenzene	*			**51.7**	50.00		103.4			05/20/2023
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.4			05/20/2023
Surr: Toluene-d8	*			**50.0**	50.00		99.9			05/20/2023

Batch 206432 **SampType:** MBLK Units µg/L

SampID: MBLK-AK230519A-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/20/2023
Bromoform	*	2.0		**ND**						05/20/2023
Ethylbenzene	*	2.0		**ND**						05/20/2023
m,p-Xylenes	*	2.0		**ND**						05/20/2023
Methylene chloride	*	2.0		**ND**						05/20/2023
Naphthalene	*	5.0		**ND**						05/20/2023
o-Xylene	*	2.0		**ND**						05/20/2023
Toluene	*	2.0		**ND**						05/20/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						05/20/2023
Xylenes, Total	*	4.0		**ND**						05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**53.6**	50.00		107.2	80	120	05/20/2023
Surr: 4-Bromofluorobenzene	*			**52.8**	50.00		105.6	80	120	05/20/2023
Surr: Dibromofluoromethane	*			**49.8**	50.00		99.7	80	120	05/20/2023
Surr: Toluene-d8	*			**50.4**	50.00		100.7	80	120	05/20/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206432 **SampType:** LCS Units **µg/L**

SampID: LCS-AK230519A-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.0**	50.00	0	100.0	78.5	119	05/20/2023
Bromoform	*	2.0		**48.4**	50.00	0	96.9	78.9	121	05/20/2023
Ethylbenzene	*	2.0		**49.2**	50.00	0	98.3	78.2	114	05/20/2023
m,p-Xylenes	*	2.0		**101**	100.0	0	101.3	77.2	116	05/20/2023
Methylene chloride	*	2.0		**54.2**	50.00	0	108.5	71.8	115	05/20/2023
Naphthalene	*	5.0		**49.4**	50.00	0	98.8	75.6	121	05/20/2023
o-Xylene	*	2.0		**50.3**	50.00	0	100.7	79.2	112	05/20/2023
Toluene	*	2.0		**49.8**	50.00	0	99.6	78.6	112	05/20/2023
trans-1,2-Dichloroethene	*	2.0		**52.6**	50.00	0	105.3	75.7	130	05/20/2023
Xylenes, Total	*	4.0		**152**	150.0	0	101.1	78.3	114	05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**55.1**	50.00		110.2	80	120	05/20/2023
Surr: 4-Bromofluorobenzene	*			**51.6**	50.00		103.3	80	120	05/20/2023
Surr: Dibromofluoromethane	*			**50.5**	50.00		101.0	80	120	05/20/2023
Surr: Toluene-d8	*			**49.9**	50.00		99.8	80	120	05/20/2023

Batch 206432 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AK230519A-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**53.8**	50.00	0	107.5	50.02	7.23	05/20/2023
Bromoform	*	2.0		**50.9**	50.00	0	101.7	48.43	4.91	05/20/2023
Ethylbenzene	*	2.0		**54.0**	50.00	0	108.1	49.15	9.46	05/20/2023
m,p-Xylenes	*	2.0		**111**	100.0	0	111.1	101.3	9.28	05/20/2023
Methylene chloride	*	2.0		**56.8**	50.00	0	113.5	54.23	4.54	05/20/2023
Naphthalene	*	5.0		**52.2**	50.00	0	104.5	49.38	5.61	05/20/2023
o-Xylene	*	2.0		**54.5**	50.00	0	109.0	50.34	7.94	05/20/2023
Toluene	*	2.0		**54.3**	50.00	0	108.7	49.80	8.70	05/20/2023
trans-1,2-Dichloroethene	*	2.0		**57.8**	50.00	0	115.5	52.65	9.26	05/20/2023
Xylenes, Total	*	4.0		**166**	150.0	0	110.4	151.6	8.83	05/20/2023
Surr: 1,2-Dichloroethane-d4	*			**53.7**	50.00		107.5			05/20/2023
Surr: 4-Bromofluorobenzene	*			**51.8**	50.00		103.7			05/20/2023
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.4			05/20/2023
Surr: Toluene-d8	*			**50.0**	50.00		100.1			05/20/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206442 **SampType:** MBLK Units µg/L

SampID: MBLK-AM230522A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/22/2023
Bromoform	*	2.0		**ND**						05/22/2023
Ethylbenzene	*	2.0		**ND**						05/22/2023
m,p-Xylenes	*	2.0		**ND**						05/22/2023
Methylene chloride	*	2.0		**ND**						05/22/2023
Naphthalene	*	5.0		**ND**						05/22/2023
o-Xylene	*	2.0		**ND**						05/22/2023
Toluene	*	2.0		**ND**						05/22/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						05/22/2023
Xylenes, Total	*	4.0		**ND**						05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**48.6**	50.00		97.1	80	120	05/22/2023
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.2	80	120	05/22/2023
Surr: Dibromofluoromethane	*			**48.8**	50.00		97.6	80	120	05/22/2023
Surr: Toluene-d8	*			**49.6**	50.00		99.2	80	120	05/22/2023

Batch 206442 **SampType:** LCS Units µg/L

SampID: LCS-AM230522A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.4**	50.00	0	100.9	78.5	119	05/22/2023
Bromoform	*	2.0		**49.1**	50.00	0	98.2	78.9	121	05/22/2023
Ethylbenzene	*	2.0		**52.0**	50.00	0	103.9	78.2	114	05/22/2023
m,p-Xylenes	*	2.0		**102**	100.0	0	101.9	77.2	116	05/22/2023
Methylene chloride	*	2.0		**49.4**	50.00	0	98.7	71.8	115	05/22/2023
Naphthalene	*	5.0		**54.6**	50.00	0	109.3	75.6	121	05/22/2023
o-Xylene	*	2.0		**50.0**	50.00	0	100.0	79.2	112	05/22/2023
Toluene	*	2.0		**48.5**	50.00	0	97.0	78.6	112	05/22/2023
trans-1,2-Dichloroethene	*	2.0		**51.2**	50.00	0	102.5	75.7	130	05/22/2023
Xylenes, Total	*	4.0		**152**	150.0	0	101.3	78.3	114	05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**48.1**	50.00		96.2	80	120	05/22/2023
Surr: 4-Bromofluorobenzene	*			**48.8**	50.00		97.5	80	120	05/22/2023
Surr: Dibromofluoromethane	*			**48.3**	50.00		96.7	80	120	05/22/2023
Surr: Toluene-d8	*			**50.2**	50.00		100.4	80	120	05/22/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206442 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM230522A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.6**	50.00	0	99.1	50.45	1.80	05/22/2023
Bromoform	*	2.0		**49.2**	50.00	0	98.4	49.12	0.12	05/22/2023
Ethylbenzene	*	2.0		**51.2**	50.00	0	102.4	51.96	1.49	05/22/2023
m,p-Xylenes	*	2.0		**102**	100.0	0	102.1	101.9	0.25	05/22/2023
Methylene chloride	*	2.0		**48.7**	50.00	0	97.4	49.37	1.35	05/22/2023
Naphthalene	*	5.0		**55.1**	50.00	0	110.3	54.63	0.93	05/22/2023
o-Xylene	*	2.0		**49.9**	50.00	0	99.7	50.01	0.30	05/22/2023
Toluene	*	2.0		**48.6**	50.00	0	97.1	48.50	0.10	05/22/2023
trans-1,2-Dichloroethene	*	2.0		**49.6**	50.00	0	99.2	51.25	3.23	05/22/2023
Xylenes, Total	*	4.0		**152**	150.0	0	101.3	151.9	0.07	05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**47.2**	50.00		94.3			05/22/2023
Surr: 4-Bromofluorobenzene	*			**49.5**	50.00		99.0			05/22/2023
Surr: Dibromofluoromethane	*			**47.7**	50.00		95.4			05/22/2023
Surr: Toluene-d8	*			**50.4**	50.00		100.8			05/22/2023

Batch 206468 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AK230522AW-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/22/2023
Bromoform	*	2.0		**ND**						05/22/2023
Ethylbenzene	*	2.0		**ND**						05/22/2023
m,p-Xylenes	*	2.0		**ND**						05/22/2023
Methylene chloride	*	2.0		**ND**						05/22/2023
Naphthalene	*	5.0		**ND**						05/22/2023
o-Xylene	*	2.0		**ND**						05/22/2023
Toluene	*	2.0		**ND**						05/22/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						05/22/2023
Xylenes, Total	*	4.0		**ND**						05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**54.6**	50.00		109.2	80	120	05/22/2023
Surr: 4-Bromofluorobenzene	*			**52.3**	50.00		104.6	80	120	05/22/2023
Surr: Dibromofluoromethane	*			**49.9**	50.00		99.8	80	120	05/22/2023
Surr: Toluene-d8	*			**50.3**	50.00		100.5	80	120	05/22/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206468 **SampType:** LCS Units µg/L

SampID: LCS-AK230522AW-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**48.0**	50.00	0	95.9	78.5	119	05/22/2023
Bromoform	*	2.0		**46.5**	50.00	0	93.0	78.9	121	05/22/2023
Ethylbenzene	*	2.0		**47.6**	50.00	0	95.1	78.2	114	05/22/2023
m,p-Xylenes	*	2.0		**97.3**	100.0	0	97.3	77.2	116	05/22/2023
Methylene chloride	*	2.0		**51.5**	50.00	0	103.1	71.8	115	05/22/2023
Naphthalene	*	5.0		**46.5**	50.00	0	93.1	75.6	121	05/22/2023
o-Xylene	*	2.0		**48.0**	50.00	0	96.0	79.2	112	05/22/2023
Toluene	*	2.0		**47.9**	50.00	0	95.8	78.6	112	05/22/2023
trans-1,2-Dichloroethene	*	2.0		**51.1**	50.00	0	102.2	75.7	130	05/22/2023
Xylenes, Total	*	4.0		**145**	150.0	0	96.9	78.3	114	05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**54.1**	50.00		108.1	80	120	05/22/2023
Surr: 4-Bromofluorobenzene	*			**52.5**	50.00		105.1	80	120	05/22/2023
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.1	80	120	05/22/2023
Surr: Toluene-d8	*			**50.4**	50.00		100.7	80	120	05/22/2023

Batch 206468 **SampType:** LCSD Units µg/L RPD Limit: **15.9**

SampID: LCSD-AK230522AW-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**43.7**	50.00	0	87.4	47.96	9.30	05/22/2023
Bromoform	*	2.0		**46.1**	50.00	0	92.2	46.51	0.89	05/22/2023
Ethylbenzene	*	2.0		**43.5**	50.00	0	87.0	47.57	8.98	05/22/2023
m,p-Xylenes	*	2.0		**89.9**	100.0	0	89.9	97.28	7.89	05/22/2023
Methylene chloride	*	2.0		**48.5**	50.00	0	97.1	51.54	6.02	05/22/2023
Naphthalene	*	5.0		**46.7**	50.00	0	93.4	46.53	0.41	05/22/2023
o-Xylene	*	2.0		**45.0**	50.00	0	90.1	48.01	6.38	05/22/2023
Toluene	*	2.0		**43.8**	50.00	0	87.6	47.92	8.96	05/22/2023
trans-1,2-Dichloroethene	*	2.0		**45.7**	50.00	0	91.3	51.08	11.18	05/22/2023
Xylenes, Total	*	4.0		**135**	150.0	0	90.0	145.3	7.39	05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**54.4**	50.00		108.9			05/22/2023
Surr: 4-Bromofluorobenzene	*			**52.2**	50.00		104.5			05/22/2023
Surr: Dibromofluoromethane	*			**49.6**	50.00		99.1			05/22/2023
Surr: Toluene-d8	*			**50.0**	50.00		100.0			05/22/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206468 **SampType:** MS Units **µg/L**

SampID: 23051407-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**47.6**	50.00	0	95.2	72	120	05/22/2023
Ethylbenzene		1.00		**50.3**	50.00	0	100.5	74.8	115	05/22/2023
m,p-Xylenes		1.00		**55.5**	50.00	0	111.0	69.7	115	05/22/2023
o-Xylene		1.00		**51.3**	50.00	0	102.5	72.9	111	05/22/2023
Toluene		2.00		**49.5**	50.00	0	99.0	70.6	109	05/22/2023
Xylenes, Total		2.00		**107**	100.0	0	106.8	72.1	113	05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**56.2**	50.00		112.5	80	120	05/22/2023
Surr: 4-Bromofluorobenzene	*			**52.2**	50.00		104.4	80	120	05/22/2023
Surr: Dibromofluoromethane	*			**50.6**	50.00		101.3	80	120	05/22/2023
Surr: Toluene-d8	*			**50.0**	50.00		99.9	80	120	05/22/2023

Batch 206468 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 23051407-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**45.1**	50.00	0	90.1	47.62	5.52	05/22/2023
Ethylbenzene		1.00		**47.6**	50.00	0	95.3	50.27	5.37	05/22/2023
m,p-Xylenes		1.00		**52.4**	50.00	0	104.9	55.49	5.65	05/22/2023
o-Xylene		1.00		**48.8**	50.00	0	97.5	51.26	4.98	05/22/2023
Toluene		2.00		**46.7**	50.00	0	93.3	49.51	5.93	05/22/2023
Xylenes, Total		2.00		**101**	100.0	0	101.2	106.8	5.33	05/22/2023
Surr: 1,2-Dichloroethane-d4	*			**55.8**	50.00		111.7			05/22/2023
Surr: 4-Bromofluorobenzene	*			**51.9**	50.00		103.8			05/22/2023
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.2			05/22/2023
Surr: Toluene-d8	*			**49.9**	50.00		99.8			05/22/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206607 **SampType:** MBLK Units µg/L

SampID: MBLK-AM230525A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/25/2023
Bromoform	*	2.0		**ND**						05/25/2023
Ethylbenzene	*	2.0		**ND**						05/25/2023
m,p-Xylenes	*	2.0		**ND**						05/25/2023
Methylene chloride	*	2.0		**ND**						05/25/2023
Naphthalene	*	5.0		**ND**						05/25/2023
o-Xylene	*	2.0		**ND**						05/25/2023
Toluene	*	2.0		**ND**						05/25/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						05/25/2023
Xylenes, Total	*	4.0		**ND**						05/25/2023
Surr: 1,2-Dichloroethane-d4	*			**50.2**	50.00		100.4	80	120	05/25/2023
Surr: 4-Bromofluorobenzene	*			**48.9**	50.00		97.9	80	120	05/25/2023
Surr: Dibromofluoromethane	*			**49.8**	50.00		99.6	80	120	05/25/2023
Surr: Toluene-d8	*			**49.8**	50.00		99.6	80	120	05/25/2023

Batch 206607 **SampType:** LCS Units µg/L

SampID: LCS-AM230525A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.9**	50.00	0	101.8	78.5	119	05/25/2023
Bromoform	*	2.0		**48.4**	50.00	0	96.9	78.9	121	05/25/2023
Ethylbenzene	*	2.0		**51.8**	50.00	0	103.6	78.2	114	05/25/2023
m,p-Xylenes	*	2.0		**103**	100.0	0	102.6	77.2	116	05/25/2023
Methylene chloride	*	2.0		**51.7**	50.00	0	103.5	71.8	115	05/25/2023
Naphthalene	*	5.0		**53.0**	50.00	0	105.9	75.6	121	05/25/2023
o-Xylene	*	2.0		**50.2**	50.00	0	100.4	79.2	112	05/25/2023
Toluene	*	2.0		**48.3**	50.00	0	96.6	78.6	112	05/25/2023
trans-1,2-Dichloroethene	*	2.0		**53.0**	50.00	0	105.9	75.7	130	05/25/2023
Xylenes, Total	*	4.0		**153**	150.0	0	101.9	78.3	114	05/25/2023
Surr: 1,2-Dichloroethane-d4	*			**49.3**	50.00		98.6	80	120	05/25/2023
Surr: 4-Bromofluorobenzene	*			**49.0**	50.00		98.0	80	120	05/25/2023
Surr: Dibromofluoromethane	*			**49.6**	50.00		99.1	80	120	05/25/2023
Surr: Toluene-d8	*			**50.2**	50.00		100.4	80	120	05/25/2023

Client: ERM **Work Order:** 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023 **Report Date:** 31-May-23

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

Batch 206607 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM230525A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.3**	50.00	0	98.6	50.91	3.25	05/25/2023
Bromoform	*	2.0		**47.9**	50.00	0	95.7	48.43	1.16	05/25/2023
Ethylbenzene	*	2.0		**50.7**	50.00	0	101.3	51.80	2.23	05/25/2023
m,p-Xylenes	*	2.0		**99.6**	100.0	0	99.6	102.6	2.93	05/25/2023
Methylene chloride	*	2.0		**50.0**	50.00	0	99.9	51.74	3.48	05/25/2023
Naphthalene	*	5.0		**52.0**	50.00	0	104.0	52.96	1.79	05/25/2023
o-Xylene	*	2.0		**49.2**	50.00	0	98.4	50.19	1.97	05/25/2023
Toluene	*	2.0		**47.0**	50.00	0	94.1	48.32	2.68	05/25/2023
trans-1,2-Dichloroethene	*	2.0		**50.1**	50.00	0	100.1	52.96	5.61	05/25/2023
Xylenes, Total	*	4.0		**149**	150.0	0	99.2	152.8	2.61	05/25/2023
Surr: 1,2-Dichloroethane-d4	*			**48.8**	50.00		97.6			05/25/2023
Surr: 4-Bromofluorobenzene	*			**48.5**	50.00		97.0			05/25/2023
Surr: Dibromofluoromethane	*			**49.5**	50.00		99.1			05/25/2023
Surr: Toluene-d8	*			**50.3**	50.00		100.6			05/25/2023

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Work Order: 23051407

Client Project: Ameren Taylorville 2nd Qtr 2023

Report Date: 31-May-23

Carrier: Employee

Received By: TWM

Completed by: Allison Colin
On: 18-May-23

Reviewed by: Elizabeth A. Hurley
On: 18-May-23

Pages to follow: Chain of custody 4 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 1.4
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☑	No ☐	No VOA vials ☐	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

Trip Blank collection date and time will be reported as the received date and time (end of trip). - ehurley - 5/18/2023 4:19:47 PM

CHAIN OF CUSTODY

pg. 1 of 4 Work order # 23051407

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 1.4 °C LTG# 3
Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes:
OK Headspace TM

Client Comments
MS/MSD: GW-07-WG-20230517

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 2nd Qtr 2023	MICHAEL ABEGG / CASEY BORNSTEIN

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
51407-001	GW-01-WG-20230516	5/16/23; 0925	1	2		X		X	X
002	GW-02-WG-20230518	5/18/23; 0740	1	2		X		X	X
003	GW-03-WG-20230518	5/18/23; 0805	1	2		X		X	X
004	GW-04R-WG-20230518	5/18/23; 1040	1	2		X		X	X
005	GW-05-WG-20230516	5/16/23; 1045	1	2		X		X	X
006	GW-07-WG-20230517	5/17/23; 1550	~~1~~ 3	~~2~~ 6 (TM)		X		X	X
007	GW-14-WG-20230517	5/17/23; 0845	1	2		X		X	X
008	GW-15-WG-20230518	5/18/23; 1000	1	2		X		X	X
009	GW-16S-WG-20230515	5/15/23; 1230	1	2		X		X	X
010	GW-16D-WG-20230515	5/15/23; 1345	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	5/18/23; 1345	[signature]	5-18-23 1345

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: 80112

CHAIN OF CUSTODY

pg. 2 of 4 Work order # 23051407

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 MS/MSD: GW-22D-WG-20230516

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 2nd Qtr 2023	

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
23051407-011	GW-17-WG-20230515	5/15/23; 1420	1	2		X		X	X
012	GW-18S-WG-20230516	5/16/23; 1540	1	2		X		X	X
013	GW-18D-WG-20230516	5/16/23; 1505	1	2		X		X	X
014	GW-19S-WG-20230516	5/16/23; 1340	1	2		X		X	X
015	GW-19D-WG-20230516	5/16/23; 1300	1	2		X		X	X
016	GW-20-WG-20230516	5/16/23; 1135	1	2		X		X	X
017	GW-21-WG-20230517	5/17/23; 0930	1	2		X		X	X
018	GW-22S-WG-20230516	5/16/23; 1745	1	2		X		X	X
019	GW-22D-WG-20230516	5/16/23; 1720	3	6 (MS)		X		X	X
020	~~GW-21~~ DUP-003-WG-20230516	5/16/23; 0003	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
	5/18/23; 1345		5.18.23 1345

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BottleOrder: 80112

CHAIN OF CUSTODY

pg. 3 of 4 Work order # 23051407

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 2nd Qtr 2023	

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
23051407 021	~~Dup 1~~ DUP-001-WG-2023516 (MW)	5/16/23; 0001	1	2		X		X	X
022	~~Field Blank 1~~ FB-004-WG-2023518	5/18/23; 0001	1	2	X			X	X
023	~~Trip Blank 1~~ TB-001-WG-2023515	5/15/23; 0001		2			X		X
024	~~Trip Blank 2~~ TB-002-WG-2023515	5/15/23; 0002		2			X		X
	~~Trip Blank 3~~ (NA)			2			X		X
	~~Trip Blank 4~~ (NA)			2			X		X
025	~~Dup 2~~ (MW) DUP-002-WG-2023517	5/17/23; 0002	1	2		X		X	X
026	GW-09S-WG-2023517	5/17/23; 1355	1	2		X		X	X
027	GW-09D-WG-2023517	5/17/23 ~~1355~~ (MW) 1340	1	2		X		X	X
	~~GW-11~~		1	2		X		X	X (NA)

Relinquished By	Date/Time	Received By	Date/Time
(ERM)	5/18/23; 1345		5-18-23 1345

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BottleOrder: 80112

CHAIN OF CUSTODY

pg. 4 of 4 Work order # 23051407

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 2nd Qtr 2023	

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
23051407-028	GW-12-WG-20230517	5/17/23; 0950	1	2		X		X	X
029	GW-13S-WG-20230517	5/17/23 1110	1	2		X		X	X
030	GW-13D-WG-20230517	5/17/23; 1055	1	2		X		X	X
031	GW-101S-WG-20230516	5/16/23; 0800	1	2		X		X	X
032	GW-102S-WG-20230516	5/16/23; 0905	1	2		X		X	X
033	GW-102D-WG-20230516	5/16/23; 0845	1	2		X		X	X
034	GW-103S-WG-20230517	5/17/23; ~~1225~~ 1220 (MS)	1	2		X		X	X
035	GW-103D-WG-20230517	5/17/23; 1210	1	2		X		X	X
036	GW-25-WG-20230515	5/15/23; 1450	1	2		X		X	X
037	GW-26-WG-20230515	5/15/23; 1540	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
(ERM)	5/18/23; 1345		5-18-23 1345

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: 80112

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

Attachment B
Summary of Analytical Results
2015 - May 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 - May 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
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 - May 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
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.

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Attachment B
Summary of Analytical Results
2015 - May 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:
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 - May 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	Result 5/16/2023
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	< 0.0001	< 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	< 0.002	< 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	< 0.01	< 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	< 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	< 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	**0.48 J**	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	**0.1 J**	< 2
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
NA = Not analyzed due to laboratory error.

Attachment B
Summary of Analytical Results
2015 - May 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
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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 - May 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 - May 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 - May 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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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 - May 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:
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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 - May 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	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	**0.00008 J**	**0.00171 H**
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	**0.00043**	**0.0036 H**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.00027	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00431**	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00896	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.00027	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	**0.00033**	**0.00016 JH**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00896	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00896	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	**0.00448**	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.00054	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Benzene	µg/L	5.0	< 0.5	< 0.5	**1.23**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.53 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.36 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.47 J**	**0.46 BJ**	**7.22**	< 2
o-Xylene	µg/L	-	< 1	< 1	**1.21**	< 1
Toluene	µg/L	1000	< 2	< 2	**0.15 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**1.6 J**	< 2

Notes:
B = Analyte detected in associated method blank
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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 - May 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:
B = Analyte detected in associated method blank
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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 - May 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

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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 - May 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**

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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 - May 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:
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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 - May 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	Result 5/18/2023
Acenaphthene	mg/L	0.42	**0.000681**	**0.00064**	**0.00114**	**0.000699**	**0.000717**	**0.000207**	**0.00243**	**0.0002 H**
Acenaphthylene	mg/L	-	**0.00242**	**0.00245**	**0.00419**	**0.00275**	**0.00276**	**0.00093**	**0.00427**	**0.00091 H**
Anthracene	mg/L	2.1	**0.00023 J**	< 0.0003	**0.00025 J**	< 0.0003	< 0.0003	< 0.0003 S	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
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**	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 S	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 S	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	**0.00178**	**0.00175**	**0.0029**	**0.00188**	**0.00184**	**0.000851**	< 0.0002	0.00061 H
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	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**0.0128 H**
Naphthalene	mg/L	0.14	**0.129**	**0.0873**	**0.329 S**	**0.114**	**0.133**	**0.0112 S**	**0.0004 J**	< 0.01 H
Phenanthrene	mg/L	-	**0.000785**	**0.000776**	**0.00143**	**0.00109**	**0.00103**	< 0.0006 S	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 S	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	**11.2**	**13.3**	**24.6**	**8.58**	**11**	**2.46 S**	< 0.5	**5.6**
Bromoform	µg/L	1.0	< 2	< 2	< 20	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**13.2**	**15.9**	**27.7**	**9.77**	**15**	**0.4 JS**	< 1	**3.95**
m,p-Xylenes	µg/L	-	**3.16**	**3.42**	**31.9**	**1.57**	**2.01**	**0.32 JS**	< 1	**2.5**
Methylene chloride	µg/L	5.0	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**224**	**161**	**375**	**143**	**192**	**13.3**	**0.54 J**	**37.8**
o-Xylene	µg/L	-	**13.8**	**12.5**	**40.2**	**8.35**	**11**	**1.51 S**	< 1	**6.58**
Toluene	µg/L	1000	**2** J	**1.1** J	**9.3 J**	**0.74 J**	**1 J**	**0.14 JS**	< 2	**0.9 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**17**	**15.9**	**72.1**	**9.92**	**13**	**1.8 JS**	< 2	**9.08**

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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 - May 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 - May 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**

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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 - May 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**

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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 - May 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**

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µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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:
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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 - May 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	Result 5/18/2023	Result - DUP 5/18/2023
Acenaphthene	mg/L	0.42	**0.0404**	**0.00135**	**0.0348**	**0.0334**	**0.0190 H**	**0.0241 H**
Acenaphthylene	mg/L	-	**0.00446**	**0.00447**	**0.00218**	**0.00195**	**0.00087 H**	**0.00117 H**
Anthracene	mg/L	2.1	**0.000749**	**0.00241**	**0.00093**	**0.00062**	**0.00035 H**	**0.000476 H**
Benzo(a)anthracene	mg/L	0.00013	**0.00009 J**	**0.00194**	**0.00015**	**0.00011**	< 0.0001 H	**0.000072 JH**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	**0.00017 J**	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.00252**	**0.0001**	**0.00007 J**	< 0.0001 H	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	**0.000544**	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	**0.000697**	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.002 J**	< 0.002	< 0.002	< 0.002 H	< 0.002 H
Chrysene	mg/L	0.0015	**0.000241**	**0.00674**	**0.00051**	**0.00039**	**2E-04 H**	**0.00017 H**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	**0.000256**	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
Fluoranthene	mg/L	0.28	**0.00414**	**0.021**	**0.00489**	**0.00457**	**0.00257 H**	**0.00276 H**
Fluorene	mg/L	0.28	**0.0853**	**0.0841**	**0.08**	**0.0801**	**0.0397 H**	**0.0537 H**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	**0.000588**	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H	0.398 H
Naphthalene	mg/L	0.14	**2.8**	**1.5**	**1.83**	**1.86**	**0.00090 JH**	**0.00098 JH**
Phenanthrene	mg/L	-	**0.0799**	**0.142**	**0.0722**	**0.0735**	**0.0148 H**	**0.0461 H**
Pyrene	mg/L	0.21	**0.00176**	**0.0124**	**0.00208**	**0.00203**	**0.00095 H**	**0.00102 H**
Benzene	µg/L	5.0	**670**	**895**	**609**	**612**	**341**	**364**
Bromoform	µg/L	1.0	< 20	< 2	< 10	< 0.2	< 2	< 10
Ethylbenzene	µg/L	700	**249**	**304**	**250**	**250**	**186**	**184**
m,p-Xylenes	µg/L	-	**112**	**56.6**	**63.5**	**64.5**	**39.3**	**48 J**
Methylene chloride	µg/L	5.0	< 20	< 20	< 100	< 2	38.3	< 100
Naphthalene	µg/L	140	**3540**	**2340**	**2380**	**2490**	**1580**	**1480**
o-Xylene	µg/L	-	**157**	**187**	**136**	**148**	**93.4**	**100**
Toluene	µg/L	1000	**104**	**100**	**72 J**	**70.8**	**30.5**	**42 J**
trans-1,2-Dichloroethene	µg/L	100	< 20	< 20	< 100	< 2	< 20	< 100
Xylenes, Total	µg/L	10000	**269**	**243**	**199**	**213**	**133**	**148**

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 - May 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:
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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 - May 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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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 - May 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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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - May 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**

Notes:
B = Analyte detected in associated method blank
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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 - May 2023
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

Notes:
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - May 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	Result 5/16/2023	Result - DUP 5/16/2023
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	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 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	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000075 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	< 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	**0.00627**	**0.00213 B**	< 0.0002	< 0.0002	**0.0017 J**	< 0.002	< 0.002	< 0.002	**0.00262**
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	< 0.0002	< 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	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 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	< 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	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	**0.00194**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 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	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	**1.21**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	**0.99 J**	< 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 H	< 2	**1 J**	< 1	**1 J**	**0.49 BJ**	< 2	< 2
o-Xylene	µg/L	-	< 1	**0.74 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.3 J**	< 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	**1.7 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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
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 - May 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result (DUP) 8/18/2015	Result 11/2/2015	Result 2/16/2016	Result (DUP) 2/16/2016	Result 5/25/2016
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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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 - May 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
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 - May 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:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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All analyses performed by Teklab, Inc.
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µg/L = micrograms per liter
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Attachment B
Summary of Analytical Results
2015 - May 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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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 - May 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	Result 5/17/2023
Acenaphthene	mg/L	0.42	**0.000183**	**0.000145**	**0.000118**	**0.00012**	**0.00018**	**0.00012 H**
Acenaphthylene	mg/L	-	**0.000251**	**0.000149**	**0.00017**	**0.000179**	**0.0002**	**0.00014 H**
Anthracene	mg/L	2.1	**0.00144**	**0.00153**	**0.00162**	**0.00144**	**0.00148**	**0.00115 H**
Benzo(a)anthracene	mg/L	0.00013	**0.000185**	**0.000182**	**0.000212**	**0.000201**	**0.0002**	**0.00018 H**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00290**	**0.00471**	**0.0015 J**	**0.00578**	**0.00331**	**0.0148 H**
Chrysene	mg/L	0.0015	**0.000177**	**0.000163**	**0.000164**	**0.000157**	**0.00014**	**0.00015 H**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	**0.00147**	**0.00169**	**0.00154**	**0.00154**	**0.00127**	**0.00106 H**
Fluorene	mg/L	0.28	**0.000516**	**0.000368**	**0.000331**	**0.000366**	**0.0004**	**0.00033 H**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	**0.00269**	< 0.0004	< 0.0004	< 0.0004	**0.00283 S**	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	**0.0025**	**0.0030**	**0.0028**	**0.00281**	**0.0026**	**0.00157 H**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5 S	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 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 S	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.7 J**	**0.36 BJ**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1 S	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2 S	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2 S	< 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 - May 2023
Ameren Taylorville, IL MGP Site

GW-9S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/10/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	**0.0016 J**	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	**0.00273**	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002 B	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	**0.21 J**	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 4	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 0.2	< 1	< 1	< 1	**0.33 J**	**0.11 J**	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 0.6	< 1	< 1	< 1	**0.27 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.85 B**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	**37.8**	**1.4 J**	< 2
o-Xylene	µg/L	-	< 2	< 2	< 5	< 1	< 1	< 1	**0.2 J**	**0.1 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 4	< 2	< 2	< 2	**0.32 J**	< 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 B	< 2	< 2	**0.47 J**	< 2	< 2

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

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

GW-9D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result (DUP) 5/12/2021	Result 5/10/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000216	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	**0.00291**	< 0.002	< 0.002	< 0.00144 C	< 0.002	< 0.002	< 0.002	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000216	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000288	< 0.0004	< 0.0004	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002 H
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	< 0.2
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	**0.21** B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	**5.2**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 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 - May 2023
Ameren Taylorville, IL MGP Site

GW-12 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Result 5/10/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/11/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	**0.000106**	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	**0.000043 J**	< 0.0002	< 0.000155	**0.000203**	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	**0.000056 J**	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	< 0.002	**0.0017 JH**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000044 J**	< 0.000078	**0.000056 J**	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	**0.00097 JH**
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.0004	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
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	< 0.2
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 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.25 J**	< 2	**0.18 J**	< 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 B	< 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 - May 2023
Ameren Taylorville, IL MGP Site

GW-13S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/12/2021	Result 5/11/2022	Result - DUP 5/11/2022	Result 5/17/2023	Result - DUP 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.00012**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.00036**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	**0.00056** J	< 0.00076	< 0.0001	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	**0.0003**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00152 C	< 0.002	**0.0015** J	< 0.002	**0.0016** JH	**0.00205** H
Chrysene	mg/L	0.0015	< 0.0001	**0.00009** J	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	**0.00052**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	**0.00053**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	< ---	---	---	---	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.0004 H	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000303	< 0.0004	< 0.0004	< 0.0004	< 0.01 H	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 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	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 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 - May 2023
Ameren Taylorville, IL MGP Site

GW-13D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/13/2021	Result 5/11/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000229	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00011**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.00007 J**	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00035**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000102**	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00061 J**	< 0.00076	< 0.0001	< 0.0002	< 0.000153	**0.00024**	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00029**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000167**	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00153 C	< 0.002	< 0.002	**0.0016 JH**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000104**	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.0006**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000244**	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	**0.0033**	---	---	< 0.00763	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000229	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000153	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00059**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000235**	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.000305	< 0.0004	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000458	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000153	< 0.0002	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 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	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	**0.25**	**0.22**	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1 B	< 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 - May 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
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C = RL shown is a client requested quantitation limit
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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
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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 - May 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 - May 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:
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µg/L = micrograms per liter

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022		Result 2/14/2023		Result 5/17/2023	
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	**0.00304**		< 0.002		0.00309	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.0004	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.01	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 0.2		< 0.2	
Ethylbenzene	µg/L	700	< 1		**0.11**	**J**	< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	
Naphthalene	µg/L	140	**0.62**	**J**	< 2	B	< 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 - May 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
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 - May 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
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 - May 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 - May 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
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 - May 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	Result 5/18/2023	Result - DUP 5/18/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000094 J**	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.0001	**0.000074 J**	< 0.0001	**0.000077 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 H	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000287**	< 0.0002	**0.0001 J**	**0.000204 H**	< 0.0002 H
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 H	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	**0.00366**	**0.00414**	< 0.0004	< 0.0004	< 0.01 H	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
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	< 2	**0.55 J**	< 2 B	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.11 J**	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - May 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
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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 - May 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
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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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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 - May 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	Result 5/15/2023
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	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 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	< 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	< 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	< 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	**0.00203**	**0.0068**	**0.0016 J**	**0.0016 J**	**0.0019 J**	**0.0024**	< 0.002	**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	< 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	< 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	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	**0.00057**	< 0.0003	< 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	< 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	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	**0.00255**	< 0.0006	< 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	< 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	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.16 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.49 J**	< 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	**1.2 J**	< 2	< 2	< 2	**0.52 J**	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.12 J**	< 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	**0.61 J**	< 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 - May 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 - May 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 - May 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 - May 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
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 - May 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	Result 5/15/2023
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	**0.0016 J**	< 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	**0.00299**	**0.0017 J**	< 0.002	< 0.002	**0.0017 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	< 0.0002	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
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 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.38 J**	**0.52**	**0.71**	**0.7**	**0.8**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**0.16 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.52 J**	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.92** J	< 2	< 2	< 2	**0.51 J**	< 2 B	< 2
o-Xylene	µg/L	-	**0.13** J	< 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	**0.13 J**	< 2	**0.1 J**	**0.12 J**	< 2	**0.13 J**
Xylenes, Total	µg/L	10000	**0.65 J**	< 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 - May 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 - May 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	Result 8/12/2019	Result 11/12/2019
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	< 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	< 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	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 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	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01
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	< 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	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00011 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 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	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	**0.61 J**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - May 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
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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	Result 5/15/2023
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	< 0.0001	< 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	**0.00752**	< 0.002	**0.0144**	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 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
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	< 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	< 2	< 2	< 2	**0.49 J**	< 2 B	< 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 - May 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
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 - May 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
E = Value above quantitation range
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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 - May 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 - May 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
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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mg/L = milligrams per liter
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Summary of Analytical Results
2015 - May 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		Result 5/16/2023	
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	B	< 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		**0.00228**		< 0.002		**0.00331**		**0.00295**	
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		< 0.0004	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.01	
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	B	< 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	**0.13**	**J**	< 1		< 1		< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	**0.45**	**J**	< 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		**0.48**	**J**	< 2	B	< 2	
o-Xylene	µg/L	-	**0.11**	**J**	< 1		< 1		< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		**0.13**	**J**	< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	**0.56**	**J**	< 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 - May 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 - May 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
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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 - May 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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Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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Attachment B
Summary of Analytical Results
2015 - May 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 - May 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	Result 5/16/2023
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 B	< 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	**0.00295**	**0.00284**	< 0.002	< 0.002	**0.0015 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	< 0.0002	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
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 B	< 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	**0.13 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.41 J**	< 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	**0.54 J**	< 2 B	< 2
o-Xylene	µg/L	-	**0.13 J**	< 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	0.12 J
Xylenes, Total	µg/L	10000	**0.54 J**	< 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 - May 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 - May 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 - May 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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Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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
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 - May 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	Result 5/16/2023
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	**0.00238**	< 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	< 0.01	< 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	< 0.0002	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
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 B	< 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	< 0.2	< 0.2	< 0.2
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	**0.5 J**	**0.46 BJ**	< 2 B	< 2 B	< 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
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 - May 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 - May 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
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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 - May 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
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 - May 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 - May 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	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	**0.00016**	< 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	**0.00391**	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 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	< 0.2	< 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	**0.47 BJ**	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	**0.12 J**	< 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 - May 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 - May 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
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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 - May 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 - May 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 - May 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	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.00008 J**	**0.0007**	**0.000363**	**0.00067**	**0.00018**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000088 J**	**0.000921**	**0.00046**	**0.00065**	**0.00016**
Benzo(a)pyrene	mg/L	0.0002	**0.000337**	**0.00271**	**0.00167**	**0.00282**	**0.00068**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000258**	**0.0024**	**0.00128**	**0.0022**	**0.00043**
Benzo(g,h,i)perylene	mg/L	-	**0.000441**	**0.00283**	**0.00159**	**0.00261**	**0.00075**
Benzo(k)fluoranthene	mg/L	0.00017	**0.00008 J**	**0.000695**	**0.000393**	**0.00051**	**0.00016**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.0016 J**	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000151**	**0.00118**	**0.000604**	**0.00094**	**0.00022**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	**0.00049**	**0.00023**	**0.00048**	**0.00012 J**
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	**0.001**	**0.000582**	**0.00058**	< 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	**0.000345**	**0.00202**	**0.00107**	**0.00178**	**0.00044**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.000208 B**	**0.00197**	**0.00112**	**0.00123**	**0.00036**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2	< 0.2	< 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	**0.47 BJ**	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	**0.16 J**	< 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
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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 - May 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
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 - May 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
E = Value above quantitation range
S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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 - May 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
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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 - May 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	Result 5/17/2023
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	**0.000109**	< 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	**0.0016** J	< 0.002	**0.0015** J	**0.0017** J	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	**0.000052** J	< 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	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 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	< 0.2	< 0.2	< 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 B	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - May 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 - May 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
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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:
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.
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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 - May 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	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000068 J**	< 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	**0.0016 BJ**	< 0.002	**0.00347**	< 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	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.0004	< 0.01
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	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.47 J**	< 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	**0.47 BJ**	< 2 B	< 2
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.12 J**	< 2	**0.22 J**	**0.25 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.58 J**	< 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
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 - May 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
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µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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 - May 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
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 - May 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:
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - May 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	Result 5/16/2023
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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 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	< 0.2	< 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 B	**0.59 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.11 J**	< 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 - May 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
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 - May 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	Result 5/15/2023
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	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 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	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 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	< 0.0002	< 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	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 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	< 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	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 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	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.48 J**	< 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	< 2	< 2	< 2 B	**0.46 BJ**	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.1 J**	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.4 J**	**0.29 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.58 J**	< 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 - May 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 - May 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	Result 5/15/2023
Acenaphthene	mg/L	0.42	**0.000072 J**	< 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	**0.000081 J**	< 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	**0.0018 J**	< 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	< 0.01	< 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	**0.000215**	< 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	< 0.0004
Naphthalene	mg/L	0.14	**0.00429**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
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 B	< 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	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	**0.15 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	**0.52 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 B	< 2 B	< 2
o-Xylene	µg/L	-	< 1	**0.12 J**	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.21 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	**0.64 J**	< 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 - May 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
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 - May 2023
Ameren Taylorville, IL MGP Site

G-101S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 5/10/2022	Result 5/16/2023
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	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2
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 - May 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 - May 2023
Ameren Taylorville, IL MGP Site

G-102S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 5/10/2022	Result 5/16/2023
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	**0.0019 J**	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2
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 - May 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 - May 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	Result 5/16/2023
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	**0.00085 J**	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002 B	< 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	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 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 - May 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
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - May 2023
Ameren Taylorville, IL MGP Site

G-103S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022		Result 5/17/2023		
Acenaphthene	mg/L	0.42	<	0.0001	<	0.0001	H
Acenaphthylene	mg/L	-	<	0.0001	<	0.0001	H
Anthracene	mg/L	2.1	<	0.0003	<	0.0003	H
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	<	0.0001	H
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	<	0.0002	H
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	<	0.0001	H
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	<	0.0002	H
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	<	0.0001	H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002	<	0.002	H
Chrysene	mg/L	0.0015	<	0.0001	<	0.0001	H
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	<	0.0002	H
Di-n-butyl phthalate	mg/L	0.7	<	0.01	<	0.01	H
Fluoranthene	mg/L	0.28	<	0.0003	<	0.0003	H
Fluorene	mg/L	0.28	<	0.0002	<	0.0002	H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	<	0.0002	H
m,p-Cresol	mg/L	-	<	0.01	<	0.01	H
o-Cresol	mg/L	0.35	<	0.01	<	0.0004	H
Naphthalene	mg/L	0.14	<	0.0004	<	0.01	H
Phenanthrene	mg/L	-	<	0.0006	<	0.0006	H
Pyrene	mg/L	0.21	<	0.0002	<	0.0002	H
Benzene	µg/L	5.0	<	0.5	<	0.5	
Bromoform	µg/L	1.0	<	2	<	0.2	
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		**0.13**	**J**
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 - May 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 - May 2023
Ameren Taylorville, IL MGP Site

G-103D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.0015 JH**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2
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 - May 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:

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 - May 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:

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 - May 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	Trip Blank 1 Result 5/15/2023	Trip Blank 2 Result 5/15/2023
Acenaphthene	mg/L	0.42	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA
Acenaphthylene	mg/L	-	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA
Anthracene	mg/L	2.1	< 0.0003	NA	NA	< 0.0003	NA	NA	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	NA	NA	< 0.002	NA	NA	NA	NA
Chrysene	mg/L	0.0015	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.01	NA	NA	< 0.01	NA	NA	NA	NA
Fluoranthene	mg/L	0.28	< 0.0003	NA	NA	< 0.0003	NA	NA	NA	NA
Fluorene	mg/L	0.28	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA
m,p-Cresol	mg/L	-	< 0.01	NA	NA	< 0.01	NA	NA	NA	NA
o-Cresol	mg/L	0.35	< 0.0004	NA	NA	< 0.01	NA	NA	NA	NA
Naphthalene	mg/L	0.14	< 0.01	NA	NA	< 0.0004	NA	NA	NA	NA
Phenanthrene	mg/L	-	< 0.0006	NA	NA	< 0.0006	NA	NA	NA	NA
Pyrene	mg/L	0.21	< 0.0002	NA	NA	< 0.0002	NA	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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
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	**0.46 BJ**	**0.46 BJ**	**0.78 J**	< **2 B**	< **2 B**	< **2 B**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	**1.1 J**	< 2	< 2	1.2 J	< 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

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